

**City of West Lafayette
Wabash Landing Garage
Capital Repairs Project
Phase IV**

ADDENDUM #1

September 9, 2009

- 1.) See attached Revised City of West Lafayette Bid Form (3 pages)
- 2.) See attached Revised Scope of Work Specifications (6 pages)
- 3.) See attached Revised Special Provisions (4 pages)
- 4.) All items modified or added are in italics with an * at the beginning of the section or sentence.
- 5.) Total pages including addendum cover sheet 14 pages.

Acknowledge the receipt of this addendum in writing on the bid form

End Addendum #1

Contractor Name _____

BID FORM
For
City of West Lafayette
Wabash Landing Garage
Capital Repairs Project
Phase IV
Bid Form
August 28, 2009

** Revised 9-9-09 for Addendum #1*

Having carefully examined the Contract Documents as well as the site and conditions affecting the work, the undersigned proposes to furnish all labor and materials, necessary tools, expendable equipment, and to perform all work required by and in strict accordance with the above named documents.

BID PROPOSALS

Bidder agrees to perform all items of work as shown on the Drawings and/or described in the Specifications or Addenda, for the amounts shown as follows:

(Amount for Bids shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern).

Unit Values

BASE BID ITEMS:

Item # 1: General Deck Spalls

Total Estimate 14 S.F. Unit Price _____ Total _____

Item # 2 Deck Cracks

Total, Estimate 150L.F. Unit Price _____ Total _____

Item #3: Joint Sealant Removal & Replacement

Total, Estimate 75 L.F. Unit Price _____ Total _____

Item #4: Wall Lift Lug Pockets Preparation and patching

Total, Estimate 16 EACH Unit Price _____ Total _____

Item # 5: Deck Wearing Surface Epoxy Leveling

Total, Estimate 14,877 S.F. Unit Price _____ Total _____

Item # 6: Silane Penetrating Water Repellent

Total, Estimate 41,909 S.F. Unit Price _____ Total _____

Item # 7 Urethane Traffic Membrane Repairs:

Total, Estimate 114 S..F. Unit Price _____ Total _____

Item # 8 Surface Build-Up (Puddling Elimination):

Total, Estimate 300 S.F. Unit Price _____ Total _____

Item #9: Acrylic Masonry Coating

Total, Estimate 120 S.F. Unit Price _____ Total _____

***Item #10 A & B: Epoxy Coating (Elevator Tower Stairwell Landings and Treads)**

10A Coating Total, Estimate 2,217 S.F. Unit Price _____ Total _____

10B Nosing Joints Total, Estimate 300 L..F. Unit Price _____ Total _____

Item #11: Epoxy Coating (Elevator Tower Lobbies)

Total, Estimate 1,680 S.F. Unit Price _____ Total _____

Item #12: Vertical Caulking (Elevator Tower Stairwell Every Riser Both Sides)

Total, Estimate 140 L.F. Unit Price _____ Total _____

Item #13: Tuck Pointing and Sealant Allowance for Bridge Connection

Total Lump Sum Unit Price \$5,000.00 Total \$5,000.00

Item #14: Re-Striping of Surfaced Areas

Total, Estimate 4000 L.F. Unit Price _____ Total _____

TOTAL BASE BID:

The complete construction as required by the Contract Documents for the sum of _____ and ____/100 Dollars (\$_____).

ALTERNATE #1
Stairwell Partial Enclosure-DELETED

**ALTERNATE #2:
Elevator Lobby to Garage Preformed Joints Installation:*

Total, Estimate 170 L.F.

Unit Price _____ Total _____

SUBMITTED BY

Contractor's Name: _____

Authorized Signature: _____ **Date:** _____

ADDENDA

The Bidder acknowledges receipt of the following Addenda:

ADDENDUM # ____ DATED _____

ADDENDUM # ____ DATED _____

**City of West Lafayette
Wabash Landing Garage
Capital Repairs Project
Phase IV
Scope and Specifications
August 28, 2009**

**REVISED 9-19-09 for Addendum #1*

Item # 1: General Deck Spalls

- 1) Demolition with 15-lb. "chipping" hammers max weight.
- 2) Square or rectangular cut perimeter @ 1/2" depth.
- 3) Blast and prime metal with Sherwin Williams Macropoxy on metal only. Blast profile concrete.
- 4) Replace with BASF 10-60 Grout fast-set @ 6,000psi.
- 5) Cure with Curing / Sealing compound.

Locations: Level-3 Stall #425- 10 s/f
Level-3 by east door – 4 s/f

Total Garage Estimate 14 s/f

Item # 2 Deck Cracks

- 1) Saw-Cut Crack 1/4"D x 1/8"W
- 2) Blow down crack to remove dust and debris.
- 3) Seal with Sika Sikadur-35 HMLV Epoxy (or equal) and Cabosil filler.

Locations: Grade Level – 85 l/f
Level-1, 25 l/f,
Level-1 At Entry – 5 l/f,
Level-3 – 3 l/f
Level-5 Stall #619 – 32 l/f

Total Garage Estimate 150 l/f

Item # 3: Joint Sealant Removal & Replacement

- 1) Remove existing sealant totally.
- 2) Grind edges to remove all bond breaking residual
- 3) Install backer-rod (1/8" larger than joint opening), or bond breaker tape where required.
- 4) Prime joint faces with Sika #429 Primer per manufacturer's instruction.
- 5) Seal with 2 component Urethane sealant SIKA 2C-NS (Vertical surfaces may be sealed with Sika 15-LM).

Joint dimension should allow for 1/4" minimum and 1/2" maximum thickness for sealant. Proper design is 2:1 width to depth ratio.

Locations: Level-1 Curb by elevator – 54 l/f,
Level-1 Control Joint at door – 21 l/f,

Total Garage Estimate 75 l/f

Item #4: Wall Lift Lug Pockets: Preparation and Patching

- 1) Remove all loose and cracked concrete patching material.
- 2) Grind, remove all metal extrusions.
- 3) Make two saw-cut grooves into exposed void ¼” Keyways.
- 4) Square perimeters: No Featheredge patching.
- 5) Fill void with Neogard 70702/70703 Epoxy Surfacer blended with Unimen 12/20 aggregate at a ratio: 1 resin to 3 aggregate.

Locations: Roof Level – 16 ea

Total Garage Estimate 16 each

Item # 5: Deck Wearing Surface Epoxy Leveling

- 1) Blast-Trac Profile to remove any surface contaminates and existing traffic markings
- 2) Prime with Gaco Western U-5677 Penetrating Primer/Sealer
- 3) Basecoat with Gaco Western E-5511 Epoxy Surfacer at 60 s/f per gallon
- 4) Seed basecoat to rejection with Unimen 12/20 aggregate.
- 5) Remove excess aggregate and topcoat with Gaco Western E-5511 at 60 s/f per gallon.

Locations: Grade Level at columns by exit booth – 20 s/f
Level-1 – 240 s/f,
Level-2 South end cross-over 2,475 s/f,
Level-4 along interior wall – 1,998 s/f,
Level-4 at cross-over extend existing surfacing stopping at joint – 150 s/f,
Level-5 Wash-out by stair/elevator – 20 s/f,
Level-6 by rear stairs – 1,440 s/f,
Roof Level from all perimeter walls in 9’ – 7,254 s/f,
Roof Level at interior wall – 1,200 s/f,
Roof Level from elevator to drain at center wall – 80 s/f

Total Garage Estimate 14,877 s.f

Item # 6: Silane Penetrating Water Repellent

- 1) Complete all repairs to areas that are to be sealed prior to application.
- 2) Blast-trac Shot-blast surface preparation including removal of parking markings.
- 3) Low pressure spray (15-25 psi) Chem-Trete BSM-40 Low VOC Silane at manufacturers recommended rates and instructions.

Locations: All bays that have roof level exposure less areas surfaced in Item #5 of 7,254 s/f,
1,200 s/f, 80 s/f

Total Garage Estimate 41,909 s/f

Item # 7 Urethane Traffic Membrane Repairs:

- 1) Removal of existing membrane until limits of disbonded area has been reached. Square off edges to provide a sound perimeter for replacement membrane. .
- 2) Mechanically remove any residual material that may promote disbonding.
- 3) Prime surface with Neogard 7780/7781 Primer 150 s/f per gallon.
- 4) Basecoat with Neogard FC7500 Basecoat at 80 s/f per gallon
- 5) Intermediate coat with Neogard FC7510 at 100 s/f per gallon. Broadcast 8/12 crushed walnut shell at 7-10 pounds per 100 s/f.
- 6) Topcoat with Neogard FC7520 at 100 s/f per gallon.

Locations: Level-3 Ledger beam at South cross-over – 54 s/f,
Level-4 at Stall #515 – 60 s/f

Total Garage Estimate 114 s/f

Item # 8 Surface Build-Up (Puddling Elimination):

- 1) Pressure wash clean existing surface with a biodegradable Cleaner such as Astrochem.
- 2) Prime area with Neogard Rebond Primer 7795/7796 at a rate of 250-300 s.f. per gallon.
- 3) Basecoat with Neogard FC7500 at 80 s/f per gallon. Broadcast 8/12 crushed walnut shell at 7-10 Pounds per 100 s/f
- 4) Intermediate coat with Neogard FC7510 at 80 s/f per gallon. Broadcast 8/12 crushed walnut shell at 7-10 pounds per 100 s/f.
- 5) Topcoat with Neogard FC7520 at 100 s/f per gallon

Locations: Level-7/6 cross-over – 150 s/f
Level 6/5 cross-over – 150 s/f

Total Garage Estimate 300 s/f

Item #9: Acrylic Masonry Coating

- 1) Media blast surfaces to remove all contaminants
- 2) Tape Exterior against run-down grind top of wall.
- 3) Apply Gaco Western primer E 5320 @ 200 S.F./ gallon.
- 4) Basecoat with Gaco Western A-32 Acrylic at 1.2 gallons per 100 S.F.
- 5) Topcoat with Gaco Western A-32 Acrylic at 1.2 gallons per 100 S.F.

Locations: Level-6 knee-wall at elevator/stairwell – 120 s/f (include top of wall)

Total Garage Estimate 120 s/f

Item #10: Epoxy Coating (Elevator Tower Stairwell Landings and Treads)

**Item 10A-coating*

- 1) Mechanically prepare surface to provide for a clean anchoring profile.
- 2) **remove remaining rust residue from with a biodegradable cleaner.*
- 3) Prime surface with Gaco Western U-5677
- 4) Basecoat with Gaco Western E-5511 Epoxy Surfacer at 100 s/f per gallon
- 5) Broadcast Unimen 12/20 aggregate to provide for a non-skid cleanable surface.
- 6) Topcoat with Gaco Western E-5511 Epoxy Surfacer at 100 s/f per gallon.

Locations: Elevator Tower Stairwell Landings and Treads

Total Garage Estimate for coating 2,217 s/f

****Item 10B Stair Nosing(s) Corrosion Repair:***

In the elevator tower stairwells, several treads exhibit rust/corrosion at the nosing just behind the metal riser return. Repair procedure is as follows:

- 1) *Mechanically prepare surface of riser return to remove all rust/corrosion.*
- 2) *Saw joint directly behind riser return a groove 1/4" by 1/8" deep.*
- 3) *Fill saw cut with Sika Armatec-110 to surface level.*
- 4) *Coat Riser return and saw cut with 2 coats of Neogard 70702/70703 Epoxy Coating/Level at 12 mil dft.*
- 5) *After all materials have cured remove remaining rust residue from with a biodegradable cleaner.*

Locations: Elevator Tower Stairwell

Total Garage Estimate for nosing joints 300 l/f

Item #11: Epoxy Coating (Elevator Tower Lobbies)

- 1) Clean Surface to remove all contaminants by solvent wiping surface.
- 2) Prime surface with Gaco Western U-5677 at 200-250 s/f per gallon.
- 3) Apply a single coat of Gaco Western E-5511 Epoxy Surfacer at 100 s/f per gallon

Locations: Elevator Tower Lobbies

Total Garage Estimate 1,680 s/f

Item #12: Vertical Caulking (Elevator Tower Stairwell Every Riser both Sides)

Solvent wipe substrate to remove any contaminants
Prime with Sika 260 Primer
Install a 3/8"x 3/8" cove bead of Sika 15-LM Urethane Sealant color to match existing Surfaces.

Locations: Stairwell verticals on risers

Total Garage Estimate – 140 l/f

Item #13: Tuckpointing and Sealant Allowance for Bridge Connection- see bid form

Item #14: Striping

7) Re-strip all lines covered or partially covered by new coatings

Locations: at all new coating locations

Total Garage Estimate 4,000 L.F.

Alternate #1: Stairwell enclosure—DELETED

***Alternate #2: Elevator Lobby to Garage Preformed Joints Installation:**

- 1) *Remove Existing Cover Plate Over Sealant Joints*
- 2) *Remove Existing Joint Sealant.*
- 3) *Remove all residue from joint faces.*
- 4) *Repair any concrete face/shoulder defects prior to joint installation*
- 5) *Install Emseal Horizontal Colorseal per manufacturers installation instructions and as shown in Emseal Detail "Horizontal Colorseal Beneath Coverplate". (There is approximately 3"-4" of vertical joint requiring Emseal Vertical Colorseal per floor which will require field mitering and welding. Please confirm process with manufacturer).*
- 6) *Remove any sealant residue or contaminates from floor surface at contact point of coverplate.*
- 7) *Reinstall coverplate and install a bead of urethane sealant Sika 15-LM (or equal) along the edges of the coverplate.*

Note: Joint width estimated at 2" (contractor responsible to field measure).

Joints Length are 23'8" per floor x 7 Floors for an estimate total of 166 lineal feet (contractor responsible to field measure). Include vertical seal in unit price.

Total Garage Estimate 170 L.F.

General Notes:

- 1) All materials and labor warranted for 3 years by applicator and manufacturer, approved at site inspection/ verification by both parties is required as a condition of final payment.
- 2) PROOF MUST BE PROVIDED WITH THE BID THAT the membrane manufacturers specified acknowledge that the applicator is a “qualified” installer. The Contractor is to have a minimum five year experience with membranes and sealants specified and provide evidence of such experience with the bid. BIDDERS NOT PROVIDING PROOF OF SUCH EXPERIENCE AND CERTIFICATIONS MAY BE DISQUALIFIED AT THE OPTION OF THE CITY OF WEST LAFAYETTE.
- 3) Weight limits on deck @ 50 lbs per S.F. which includes trucks, equipment, and storage of material.
- 4) Jack hammers limited to 15# “Chipping Hammers”.
- 5) All materials must be installed per manufacturer’s material specification with proper surface preparation.
- 6) All work shall be in accordance with manufacturer’s latest product instructions.
- 7) All demolition and exposure of decks to be cognizant of rebar, tee-brackets, and fasteners. All exposed metal to be blasted and zinc primed.
- 8) Unless otherwise specified unit prices will be the basis for payment on this project. Additional work on similar items will be performed for the same unit prices.
- 9) The City reserves the right to eliminate items all together or lower quantities for individual items from the scope of the project.

City of West Lafayette
Wabash Landing Garage
Capital Repairs Project
Phase IV
August 28, 2009
**REVISED 9-9-09 for Addendum #1*
SPECIAL PROVISIONS

All notes in this section are in addition to notes on the plans. If this document is in conflict with any note on the plans this document shall control.

WEST LAFAYETTE CITY STANDARD GENERAL CONDITIONS (attached)

The West Lafayette City Standard General Conditions are included as part of these quote documents and as such will control unless specifically modified in other parts of this document.

The Engineer as defined in the general conditions shall be revised as being the “the City’s duly authorized agent”.

**INSURANCE REQUIREMENTS: (entire section replaced)*

(This section is a supplement to Article 8 of the Standard General Conditions.)

The Contractor shall furnish to the City an acceptable performance and payment bond in the amount of one hundred percent (100%) of the contract price including subsequent modifications of work and contract price. Said bond shall secure the Contractor's performance, and payment of labor, materials, subcontractors, supplies and any furnishing service. Bid bond shall be written by a surety authorized to do business in the State of Indiana and who maintains at least one (1) established place of business, in the State and in a location of which the continuance is not dependent upon decision of individual personnel of the Surety within the State.

The City of West Lafayette’s risk management strategy requires the contractor provide us with evidence of insurance that meets the minimum requirements listed below for this project. This coverage must be placed with an insurance company with an A.M. Best rating of A-:VII or better. Please provide a Waiver of Subrogation in favor of the City of West Lafayette, Indiana as it pertains to Commercial General Liability, Workers Compensation, and Automobile Liability.

Insurance Requirements:

(a) Commercial General Liability (Occurrence Form)

Each Occurrence *\$1,000,000*

Products/Completed Operations Aggregate *\$2,000,000*

General Aggregate *\$2,000,000*

(other than Prod/Comp Ops Liability)

Personal & Advertising Injury Liability *\$1,000,000*

Coverage shall be subject to a per project or vendor general aggregate provision that names all jobs performed by subcontractor if applicable. The City of West Lafayette, Indiana must be named as an Additional Insured per ISO forms CG2010 and CG2037 or their equivalent. The insurance will be considered primary and noncontributory before any other applicable coverage. Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(b) Automobile Liability \$1,000,000 each accident
If subcontractor at any time transports hazardous materials, subcontractor shall carry appropriate auto pollution coverage. Hired and Non-Owned auto liability coverage is to be included. The insurance will be considered primary and noncontributory before any other applicable coverage. Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(c) Workers Compensation and Employer's Liability

Worker's Compensation	State Statutory Limits
Employer's Liability	
Bodily Injury by Accident	\$1,000,000 ea. accident
Bodily Injury by Disease	\$1,000,000 policy limit
Bodily Injury by Disease	\$1,000,000 ea. employee

Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(d) Umbrella Liability
Each Occurrence and Aggregate \$1,000,000

(e) Professional Liability (Applicable for Professional Services only rendered to the City)
All subcontractors performing design, engineering, surveying, testing, or other professional services shall carry professional liability (errors and omissions) insurance. This policy shall provide at least \$1,000,000 for each occurrence and \$2,000,000 aggregate.

The Contractor shall secure, and maintain throughout the life of this contract, such insurance as will protect himself, the City and the Engineer from claims for bodily injury, death or property damage, arising from the Contractor's operations under the contract documents. Policies shall include the standard rider for coverage under Paragraph 8.03 of Article 8 of these General Conditions. Each policy shall contain a clause providing that such policy shall not be canceled by the insurer until after 30 days written notice, to the City, of intent to cancel. The Contractor shall not commence construction, or any operation pertaining thereto, until he has obtained all insurance required by this paragraph and shall have filed with the City either the insurer's certificate of such insurance or certified copies of the policies.

Indemnity: The Contractor shall indemnify and save harmless the City and agents and employees of the City, and the Engineer and agents and employees of the Engineer, from and against as allowed by law every loss and expense incurred by the City and agents and employees of the City and the Engineer and agents and employees of the Engineer, these and any of them, on account of claim, demand,

payment, suit, action, judgment or recovery occurring by reason of, or out of, the work. Said indemnity shall be in the full amount of recovery had against the City and agents or employees of the City and the Engineer and agents and employees of the Engineer, these and any of them, plus such expense as may be incurred in determining and defending against such action, and plus legal fees of Defense Counsel.

Patents and Royalties: If the Contractor uses any design, device, material, method or process covered by patent or copyright he shall provide for such use by legal agreement with the holder of the patent or copyright and shall pay all fees and charges pertaining thereto.

SAFETY:

The contractor shall coordinate all work with the West Lafayette Police and Fire Departments, and shall notify both departments whenever any street or access to any property is to be closed off and re-opened.

The contractor shall be responsible for all proper public safety provisions for the construction site and any machinery or equipment whether in operation or not.

No work site(s) shall be left unprotected at any time. The public shall be protected from inadvertently entering a worksite by appropriate means such as cones, barrels, barricades, fencing, warning lights, arrow boards, flagmen, etc.

An overall project safety plan shall be coordinated with the City's project representative, prior to construction.

CLEAN UP

All trash will be picked up daily and removed from the site at the contractor's expense. All streets and garage areas disturbed will be cleaned daily.

DAMAGE TO EXISTING CONSTRUCTION

The contractor will be responsible for repairing at his expense to the City's satisfaction any damage to the garage.

COOPERATION WITH GARAGE TENANTS AND USERS

The garage shall remain open at all times. Contractor shall work with the garage manager to coordinate times when parts of the garage may be temporarily closed for this work to proceed.

TEMPORARY UTILITY SERVICE AND RESTROOMS:

The contractor shall supply any electrical power, temporary lighting or water required to perform the work. None of these items are available in the structure. Contractor is to provide adequate temporary restrooms for the crews use.

WORK TIME RESTRICTIONS:

No work involving hammering, sawing or loud noises from construction equipment or operations shall be performed before 8:00am or after 9:00pm.