

PROPOSAL FORM

FOR

REPAIRS AND PREVENTIVE MAINTENANCE

OF THE

405 EAST HARPER AVENUE GARAGE
Maryville, TN

Bidder's Name

_____, 2024

City of Maryville
416 W. Broadway Ave
Maryville, TN 37801

Attn: Mr. Kevin Stoltenberg:

The undersigned, having inspected the site and familiarized ourselves/myself with the Contract Documents and the Specifications, dated **July 1, 2024** the local conditions affecting the cost of the work, and having also received, read, and taken into account addendum nos. _____, all as prepared by and on file in the offices of DESMAN, 8201 Greensboro Drive, Suite 708, McLean, Virginia 22102, hereby propose to provide all labor, materials, tools, equipment and transportation necessary to complete the work for the **Repairs and Preventive Maintenance of the 405 East Harper Avenue Garage in Maryville, TN**, doing all work under the General Contract, as defined in the Contract Documents for the Contract amount of _____ Dollars (\$_____). This Contract is based on quantities as here in after listed for the concrete restoration work and the cost of all other work required for the completion of the project.

This Contract Amount shall be based on restoration work shown in the drawings and specifications. All items of material, labor, supplies, or equipment that are not specifically enumerated for payment as separate items, but which are reasonably required to complete the work as shown on the drawings as described in the specifications, are considered as subsidiary obligations of the Contractor. No separate measurement or payment is made for them. In performance of the work, the quantities listed below are not to be exceeded without first receiving written authorization from Owner.

The above Contract Amount includes the following:

CONTRACTOR'S NAME _____

Base Bid	Estimated Quantity	Unit Price	Cost
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BID ITEM NO. 1 – STRUCTURAL REPAIRS

<p>1(a) Patch Full Depth Concrete Topping Repairs: Full depth removal of unsound and sound concrete topping as shown on plans and as directed by the Engineer (depth of topping may vary) using saws and chipping hammers, cleaning and painting of any exposed steel precast connections, placing new high strength concrete and tooling and sealing patch perimeter per detail 1/R-4 and as specified. Bid price shall include cleaning and touchup striping/graphics at affected areas to match existing.</p>	1,200SF	\$_____/SF	\$_____
<p>1(b) Patch Full Depth Concrete Double Tee Slab Repairs: Full depth removal of sound and unsound concrete at double tee flanges on floor and/or soffit using saws and small chipping hammers as shown on plans and as directed by the Engineer, cleaning of any exposed steel precast connections for inspection by the Engineer, painting of all exposed precast connections, replacing the concrete with high strength concrete and tooling and sealing patch perimeter per detail 1/R-4 and as specified. Bid price shall include cleaning and touchup striping/graphics at affected areas to match existing.</p>	30 SF	\$_____/SF	\$_____
<p>1(c) Patch Full Depth Slab-on-Grade Repairs: Full depth removal of sound and unsound concrete on floor using jackhammers as shown on plans and as directed by the Engineer, cleaning existing reinforcements, removal of corroded steel and replacement with new epoxy coated reinforcing to match existing size, supplementing new epoxy coated reinforcing and replacing the concrete with new high strength concrete and tooling and sealing patch perimeter. See detail 3/R-5.</p>	30 SF	\$_____/SF	\$_____
<p>1(d) Patch Full Depth Settled Slab-on-Grade Repairs: Full depth removal of settled concrete on floor using jackhammers as shown on plans and as directed by the Engineer, compacting subgrade, providing and compacting gravel base, installing new epoxy coated reinforcing, installing new premolded joint filler around the area of repair, replacing the concrete with new high strength concrete and routing and sealing perimeter of the repair. See detail 4/R-5.</p>	130 SF	\$_____/SF	\$_____

CONTRACTOR'S NAME _____

Base Bid	Estimated Quantity	Unit Price	Cost
<p>1(e) Vertical Surface Repairs: Removal of deteriorated/damaged concrete at least 3/4" behind rebar from vertical wall and column surfaces using small chipping hammers, form and pour high strength concrete per detail 2/R-4 and as specified.</p>	40 SF	\$_____/SF	\$_____
<p>1(f) Spandrel Repairs: Removal of deteriorated/damaged concrete full width from the top of spandrel wall surfaces using small chipping hammers, form and pour high strength concrete per detail 4/R-4 and as specified.</p>	40 SF	\$_____/SF	\$_____
<p>1(g) Beam Ledge Repair: Removal of deteriorated/damaged concrete at least 3/4" behind rebar from beam using small chipping hammers, form and pour high strength concrete per detail 3/R-4 and as specified.</p>	30 SF	\$_____/SF	\$_____
<p>1(h) Double Tee Bearing Pad Replacement: Removal of concrete topping and joint sealants as required to access and release chord bars (where required), clip connections and shear connectors as required to lift double tee end. Remove and replace neoprene bearing pads under both stems of tee where directed by the Engineer per detail 3/R-6. Re-establish the clip connection, and shear connectors. Place new concrete topping and sealants. Include the price for reestablishing clip connections. New welds to match existing at a minimum. The cost to remove and replace concrete topping over connections is included within bid item 1(a). The cost to remove and replace sealants is included in bid items 2b and 2c. The cost to release and reestablish the shear is included in bid item 1j. The cost to remove and replace concrete topping, releasing and splicing chord bars is included as an allowance in bid item 5a and is to be perform as required. Lump sum price to include all double tee end locations bearing pads.</p>	LUMP SUM	LS	\$_____

CONTRACTOR'S NAME _____

Base Bid	Estimated Quantity	Unit Price	Cost
<p>1(i) Girder Bearing Pad Replacement</p> <p>Removal of concrete topping and joint sealants as required to access and release chord bars (where required), clip connections, and shear connectors as required to lift girder end. Release column/spandrel connection. Remove and replace neoprene bearing pads under girder where directed by the Engineer per detail 1/R-8. Re-establish the clip connection, column/spandrel connection and shear connectors. Place new concrete topping and sealants. Include the price for reestablishing clip and column/spandrel connections. New welds and plates to match existing.</p> <p>The cost to remove and replace concrete topping over connections is included within bid item 1(a).</p> <p>The cost to remove and replace sealants is included in bid items 2b and 2c.</p> <p>The cost to release and reestablish the shear is included in bid item 1j.</p> <p>The cost to remove and replace concrete topping, releasing and splicing chord bars is included as an allowance in bid item 5a and is to be perform as required.</p>	2 EA	\$_____/EA	\$_____
<p>1(j) Shear Connector Repair:</p> <p>Restore failed shear connectors between adjacent precast double tees as shown on plans and as directed by the Engineer, and clean and paint all exposed steel shear connector components per detail 1/R-5 and as specified. Match existing slug and weld. At a minimum, new slug and weld connection shall be as shown in detail.</p>	240 EA	\$_____/EA	\$_____
<p>1(k) Spandrel and Columns Lift Pocket Repairs:</p> <p>Removal of unsound and sound concrete (for a depth that varies between 2" to 3") lift pocket using saws and small chipping hammers as shown on plans and as directed by the Engineer, cutting and removal of exposed anchor loop 2" minimum below top surface, cleaning and painting of any exposed steel reinforcements, replacing the concrete with high strength concrete and tooling and sealing patch perimeter. See detail 2/R-5 and applicable spec sections.</p>	210 EA	\$_____/EA	\$_____

CONTRACTOR'S NAME _____

Base Bid	Estimated Quantity	Unit Price	Cost
<p>1(l) Concrete Wall and Asphalt Repairs: Full depth removal of asphalt paving to the limits shown on plan using jackhammers, removing 2" from the top of retaining wall, installing new #4 L-shaped dowels at 12" O.C. embedded 4" minimum, installing 2 continuous #4 bar, forming and pouring new high strength concrete, installing new cold applied waterproofing membrane, regrading and compacting earth as required and placing new asphalt (thickness to match existing), and sealing joints per detail 1/R-6 and 2/R-6 and as specified.</p>	LUMP SUM	LS	\$ _____
<p>1(m) Clip Connector Repairs: Replacement of severely corroded strap plates, embedded connection elements, and weldments to restore the clip connections between the DT flange-spandrel connections and cleaning and painting all exposed steel connection elements.</p> <p>The cost to removed and replace concrete or sealant over the shear connector is included in other bid items.</p>	20 EA	\$ _____/EA	\$ _____

BID ITEM NO. 2 – WATERPROOFING REPAIRS			
<p>2(a) Rout and Seal Concrete Cracks: Rout and seal all visible cracks throughout the garage concrete floor slabs per detail 1/R-7 and as specified.</p>	600 LF	\$ _____/LF	\$ _____
<p>2(b) Install Cove Joint Sealants: Removal of existing sealant material from all previously sealed cove joints throughout the elevated level. Install new sealant and backer rod where applicable at vertical to horizontal interfaces per detail 2/R-7 and as specified.</p> <p>Estimated quantity of repair is approximately 613f, which is to be verified in the field by the Contractor, prior to submitting bid price.</p>	LUMP SUM	LS	\$ _____

CONTRACTOR'S NAME _____

Base Bid	Estimated Quantity	Unit Price	Cost
<p>2(c) Replace Double Tee Joint Sealant: Removal of existing sealant material from all previously sealed double tee joints throughout the garage. Clean all exposed shear connectors for inspection by the Engineer. Clean and seal the joints per detail 3/R-7.</p> <p>The cost for any shear connector repairs is NOT to be included. Estimated quantity of double tee joints to be sealed is approximately 2,340 lf which is to be verified in the field by the Contractor prior to submitting bid price.</p>	LUMP SUM	LS	\$ _____
<p>2(d) Interior Vertical Joint Sealant: Fully remove all interior vertical joint sealants throughout the elevated level of the garage and install new backer rod and sealant as specified and per detail 4/R-7.</p> <p>Estimated quantity of repair is approximately 180 lf, which is to be verified in the field by the Contractor, prior to submitting bid price.</p>	LUMP SUM	LS	\$ _____
<p>2(e) Pressure Injection of Chemical Grout: Pressure injection of chemical grout into leaking wall crack per detail 6/R-7 and as specified.</p>	60 LF	\$ _____/LF	\$ _____
<p>2(f) New Waterproofing Membrane: Preparing the exposed concrete slab surfaces (including locations of newly repaired concrete floor), and application of new coating material per manufacturer's instructions as shown on plans. Remove and replace wheel-stops as require for membrane application.</p> <p>Membrane Product on which bid unit price is based: _____</p> <p>Name of licensed applicator/subcontractor who will install the membrane: _____</p> <p>See detail on 5/R7 and applicable spec sections.</p> <p>Estimated quantity is approximately 17,820 sf which is to be verified in the field by the Contractor, prior to submitting bid price. Include any required sealant for cove joints, construction joints, etc.</p>	LUMP SUM	LS	\$ _____

CONTRACTOR'S NAME _____

Base Bid	Estimated Quantity	Unit Price	Cost
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BASE BID ITEM NO. 3 - PAINTING

<p>3(a) Restripe Garage: Two coats of semi-gloss paint for striping of garage parking stalls and floor directional arrows throughout the garage including all ramps, asphalt areas and all curb areas and as specified. Color to be selected by the Owner.</p>	LUMP SUM	LS	\$ _____
<p>3(b) Coating Interior Spandrel Panel: After all vertical repairs have been completed and concrete has properly cured, clean the interior vertical wall surfaces and apply a new elastomeric acrylic coating as specified. Standard color to be selected by the Owner.</p>	LUMP SUM	LS	\$ _____
<p>3(c) Painting of Miscellaneous Metals: Remove existing loose paint, rust, scale, dirt, laitance, etc. to bare metal, prime and provide two coats of paint to all miscellaneous metals within the garage footprint to include spandrel to column connections as specified.</p>	LUMP SUM	LS	\$ _____

BASE BID ITEM NO. 4 – EXTERIOR

<p>4(a) Replacement of Exterior Joint Sealant: Fully remove all exterior joint sealants throughout the garage façade, clean substrate and install new backer rod and sealant as specified and per detail 4/R-7.</p> <p>Estimated quantity of repair is approximately 220lf, which is to be verified in the field by the Contractor, prior to submitting bid price.</p>	LUMP SUM	LS	\$ _____
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BASE BID ITEM NO. 5 - MISCELLANEOUS ITEMS

<p>5(a) General Construction Allowance: Allowance for additional repairs determined and authorized by the Engineer during construction.</p>	ALLOWANCE	ALLW	\$70,000
<p>5(b) Removal of Internal Gutters: Remove internal gutter system installed below double tee joints.</p>	LUMP SUM	LS	\$ _____

CONTRACTOR'S NAME _____

Base Bid	Estimated Quantity	Unit Price	Cost
<p>5(c) General Conditions: General conditions compliance and mobilization costs to set up all necessary plant equipment, etc., and facilities required by local Ordinances. Amount will include all taxes, licenses, fees, excises, insurance, permits, etc., required per Contract Documents and all work required to complete the Contract and not included in other bid items.</p>	LUMP SUM	LS	\$ _____
<p>5(d) Miscellaneous Work: Includes providing shoring and bracing for the concrete work; dustproofing and partitioning around the work area; protecting existing systems and equipment, HVAC inlets and outlets from exhaust, dirt, water and dust infiltration; providing traffic routing and control; maintaining electrical services and lighting; and protecting existing utilities including, but not limited to, fire alarm system, existing light fixtures and sprinkler lines during the construction.</p>	LUMP SUM	LS	\$ _____
<p>TOTAL BASE BID CONSTRUCTION COST (Sum of Bid Items 1 through 5)</p>			\$ _____

CONSTRUCTION TIME

The undersigned agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed", and to complete all work within the number of calendar days indicated below from and after receipt of any required permits.

BASE BID: _____ Calendar Days

RIGHT TO REJECT BIDS AND SIGNING CONTRACTS

In submitting this Bid, it is understood that the right is reserved by the Owner to reject any and all bids. If written notice of acceptance of this bid is mailed, telegraphed or delivered to the undersigned within sixty (60) days after the opening thereof, or at any time thereafter before this Bid is withdrawn by written notification, the undersigned agrees to execute and deliver a Contract in the prescribed form within 10 days after the Contract is presented to him for signature.

BID GUARANTEE

The undersigned agrees that this bid may be held by the Owner for a period not exceeding sixty (60) days from the date set up for the opening of bids and that the bid may not be withdrawn within that period.

IN WITNESS WHEREOF the undersigned Bidder has caused its/his/her signature and seal to be affixed thereto by duly authorized officers this _____ day of _____, 2024.

Firm Name: _____

Title: _____

Telephone No: _____

Official Address: _____

Attest: _____

Secretary: _____

(Note: If bidder is a corporation, the Corporate Seal must be affixed.)

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