

CITY OF MUSKEGON
LC WALKER ARENA
ALL SECTIONS

“Addendum 1” – 11/8/18

Changes made:

Section 07550 – Modified Bitumen Roofing

Scope of Work – All Roof Sections

- 1) Several changes in verbiage to the “Scope of Work” have been made. Discard pre-bid version and utilize the attached revised version.
- 2) High rise foam adhesive:
 - a. Clean roof from dirt and debris
 - b. Prior to installation of Millennium One Step Foamable Adhesive, roof substrate should be primed with Millennium Universal Primer.
- 3) Roof shall be wet-vacced clean of existing gravel.
- 4) Edge Metal Treatment:
 - a. Remove all raised metal edge and replace with new
 - i. Color will be determined at later date from the City of Muskegon
 - b. Remove all metal and non-metal coping caps
 - i. Color will be determined at later date from the City of Muskegon
 - c. All new edge metal and new coping caps will be Kynar metal.
- 5) City will be purchasing Garland material from US Communities contract direct. Garland representative will be providing City of Muskegon with material quantities and cost
 - a. Roofing contractor is to ONLY bid labor and non-Garland material.
- 6) All expansion joints will be replaced.
- 7) Added note:
 - a. Contractor must provide projected start date, assuming PO is provided to awarded contractor by December 31
- 8) Exhaust fan on Section 11 will be removed and capped above the deck and infilled with new insulation, recovery board and cap sheet before retrofit roof is installed.
- 9) All pitch pockets to be sealed with two-part system.
- 10) Unit supports on the 3 units that are on Section 1 will be removed and infilled with new insulation, recovery board, and cap sheet before retrofit is installed.

Contractor's Bid
City of Muskegon- LC Walker Arena
Roofing Retrofit

To: Ann Meisch
City of Muskegon City Hall
933 Terrace St
Muskegon, MI 49440
Ann.Meisch@shorelinecity.com

Bid Due Date: November 27, 2018 by 1:30pm

Bids are to be submitted to the above address by the time and date listed above. Bids shall be sealed and marked "Bid for Roof Retrofit Project". Bids received after the Due Date and Time will not be considered.

Pursuant to notices given, the undersigned proposes to furnish all materials and labor necessary to complete the replacement as described below and in strict accordance to the plans and specifications dated **11/8/2018**. I, the undersigned, having familiarized myself with the attached Contract Documents do hereby propose to furnish all labor, equipment, materials, drayage, tolls, supervision, etc. and to complete all work as specified in these Documents and Specifications. By my submission of this Bidding Proposal I acknowledge the receipt of the Package containing the following: General Conditions & Requirements, General Instructions to Bidders, Detailed Specifications, Detailed Rooftop Diagrams, and Detailed Specification Drawings. To provide supervision, labor, materials and equipment for roof repairs of the following items, per the attached:

Base Bid: LC Walker Area: 2-ply Torch System with Cold Applied Flashing system

Contractor to remove all gravel from existing BUR via wet-vac. Remove existing wet insulation that was identified in the thermal imaging scan. Any mechanical units or penetrations that are no longer in use shall be removed with openings infilled with metal plate, and the existing roof built up to current height using Polyisocyanurate insulation, recovery board, and a cap sheet installed in cold asphalt. Existing flashings shall be removed from parapet walls and vertical flashings. Once existing roof is prepped, contractor will prime existing BUR substrate with Millennium Universal Primer. Once roof is primed, contractor should install a 1/2" primed dens deck directly to existing roof using Millennium 1-step high rise foam adhesive. New roofing system shall consist of HPR Torch base sheet and StressPly IV Mineral cap sheet in the field. New flashing system shall consist of StressBase 80 Base Sheet and Optimax FR Mineral Cap. Flashing system shall be adhered using Flashing Bond. All terminations, counter-flashings, and gravel stops/ copings are to be replaced and new installed in accordance with ANSI-SPRI ESI with fabricated 22-gauge Kynar sheet metal in a prefinished, stock color. All vertical seams will be 3-coursed in using Silver-Flash mastic and GarMesh. All parapet walls that are receiving new coping caps will have the new flashing system come up and over the wall and wrap the top of the coping before new edge metal is installed. New drain covers will be installed on all drains that have the "old style" drain covers currently. Drain covers to be painted red. Manufacturer's representative must be present at least 5 times per week during duration of project, with weekly progress reports sent to the City of Muskegon. Manufacturer to provide 30-year NDL warranty and installing contractor is to provide 2-year workmanship warranty.

** Contractor to include temporary flashings and roofing of new HVAC systems that will be installed.

All labor, Non-Garland materials, services and equipment necessary for completion of the work shown on the drawings and in the specifications.

_____ DOLLARS (\$ _____)

Once a contract is signed, contractor agrees to repair LC Walker roof sections through winter months until roof project begins. This amount will be set up on a DO NOT EXCEED of:

If repairs throughout winter exceeds \$10,000, meeting will be scheduled with City of Muskegon to discuss further dollars that would be associated with roof repairs.

_____ Ten Thousand and zero _____ DOLLARS (\$ 10,000 _____)

*****Note:**

** Number of Crew Members on Roofing Crew: _____

** Projected Start Date: _____

** Number of days to complete Project: _____

** Factor in weather delayed days into number of days for project completion

** If project delays, contractor will be charged \$300.00 per day in liquidated damages.

Extra work may be necessary other than required by the plans and specifications, extra work will be completed according to the written instructions of the Owner for the following unit prices:

Unit Cost Items:	Replacement of concrete deck— _____	per sq. ft.
Unit Cost Items:	Replacement of metal deck - _____	per sq. ft.
Unit Cost Items:	Replacement of tectum deck - _____	per sq. ft.
Unit Cost Items:	Replacement of drain-- _____	per drain

Respectfully Submitted,

SIGNATURE: _____

TITLE: _____

BUSINESS NAME: _____

CONTRACTOR ADDRESS: _____ **DATE:** _____

ADDENDUM TO BID PACKAGE

It is the intent of the City of Muskegon (“Agency”) to purchase materials for the City of Muskegon 2019 LC Walker Project (“Project”) located at 470 W Western Ave. Muskegon, MI 49440 directly from Garland Inc., based upon the Agency’s participation in the U.S. Communities Government Purchasing Alliance’s program for Roofing Supplies and Related Products and Services, as priced by and awarded to Garland/DBS, Inc., resulting from the competitively solicited Sealed Bid # 09-5408 issued by the Cobb County Board of Commissioners.

For this project, the Garland Representative will provide the City of Muskegon with the amounts and pricing for the Garland Material that will be needed for the project:

LC Walker Arena (All Sections)

Base Bid

Product #	Product Name	Unit / Size	Coverage Rate	Quantity
4113	HPR Torch Base	Roll	100 SF	
4382	StressPly IV Mineral	Roll	75 SF	
4411-80	Stressbase 80	Roll	150 SF	
4701	Optimax FR Mineral	Roll	75 SF	
7110-5	Flashing Bond	5 Gallon	4-6 Gal./ Sq.	
7425-5	Silver-Flash Mastic	5 Gallon	1 Gal/ 7 Ln. Ft.	
4840-6	GarMesh 6”	Roll	75 SF	

PLEASE NOTE:

1. It is the responsibility of the bidder to obtain any product-related information from the Garland representative prior to bid submission.
2. Material is on 2018 Pricing and needs to ship by March 29, 2019. Orders that are NOT shipped by that date will be assessed a warehousing fee of \$40.00/pallet/month.

SECTION 00 10 00 .001

SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Attached SUMMARY OF WORK, INTENT OF THE SPECIFICATIONS, PROTECTION, HOUSEKEEPING, forms a component part of this section.

1.2 SUMMARY OF WORK: **Modified 2-Ply Torch Applied System**

- A. Contractor to remove all gravel from the existing BUR via Wet-Vac.
- B. Remove existing wet insulation that was identified in the thermal imaging scan.
- C. Any mechanical units or penetrations that are no longer in use shall be removed with openings infilled with metal plate, and roof built up to current height using polyisocyanurate insulation, recovery board, and cap sheet installed in cold asphalt.
- D. Existing flashings shall be removed from parapet walls and vertical flashings.
- E. Once existing roof is prepped, contractor to apply Millennium Universal Primer to existing BUR roof.
- F. Contractor should install a 1/2" primed dens deck directly to existing roof using Millennium 1-step high rise foam adhesive.
- G. New roofing system shall consist of HPR Torch Base Sheet and StressPly IV Mineral Cap Sheet.
- H. New flashing system shall consist of StressBase 80 Base Sheet and Optimax FR Mineral Cap Sheet.
- I. Flashing system to be adhered using Flashing Bond.
- J. All vertical flashings are to be 3-coursed using Silver-Flash Mastic and GarMesh.
- K. All new terminations, counter-flashings, and gravel stops/ copings are to be installed in accordance with ANSI-SPRI ES1 with fabricated 22-gauge Kynar sheet metal in prefinished, stock color.
- L. New flashings on areas with a coping cap shall come up the parapet wall and wrap over the cap. Then the coping cap to be re-installed.
- M. New drain covers will be installed on all drains that have the "old style" drain covers currently.
- N. Drain covers shall be painted red.
- O. Manufacturer's representative must be present at least 5 days per week during the duration of the project. Manufacturer's representative will also provide City of Muskegon with daily or weekly progress reports per Cities request.
- P. Manufacturer to provide a 30-year NDL warranty and the installing contractor is to provide a 2-year workmanship warranty.

1.3 INTENT OF THE SPECIFICATIONS

- A. The intent of these specifications is to describe the material and methods of construction required for the performance of the work. In general, it is intended that the drawings shall delineate the detailed extent of the work. When there is a discrepancy between drawings, referenced specifications, and standards and this specification, this specification shall govern.

1.4 PROTECTION

- A. The contractor shall use every available precaution to provide for the safety of the property owner, visitors to the site, and all connected with the work under the Contract.

- B. All existing facilities both above and below ground shall be protected and maintained free of damage. Existing facilities shall remain operating during the period of construction unless otherwise permitted. All access roadways must remain open to traffic unless otherwise permitted.
- C. Barricades shall be erected to fence off all construction areas from operations personnel.
- D. Safety Requirements:
 - 1. All application, material handling, and associated equipment shall conform to and be operated in conformance with OSHA safety requirements.
 - 2. Comply with federal, state, and local and owner fire and safety requirements.
 - 3. Advise owner whenever work is expected to be hazardous to owner employees and/or operations.
 - 4. Maintain a crewman as a floor guard whenever roof decking is being repaired or replaced and whenever any roofing is being removed.
 - 5. Maintain proper fire extinguisher within easy access whenever power tools, roofing kettles, and torches are being used. A MINIMUM OF A 2 HOUR FIRE WATER SHALL BE STRICTLY ADHERED TO WHENEVER PROPANE TORCHES ARE IN USE.
 - 6. ALL SAFETY REQUIREMENTS OF THE BUILDING OWNER MUST BE FOLLOWED. NO EXCEPTIONS WILL BE PERMITTED. SAFETY ORIENTATION MEETING REQUIRED PRIOR TO PERFORMING ANY WORK.

1.5 HOUSEKEEPING

- A. Keep materials neat and orderly.
- B. Remove scrap, waste and debris from the project area.
- C. Maintenance of clean conditions while work is in progress and cleanup when work is completed shall be in strict accordance with the “General Conditions” of this contract.
- D. Fire protection during construction.
- E. Follow all requirements established by the building owner.

END OF SECTION