

MUSKEGON



West Michigan's Shoreline City
www.shorelinecity.com

SPARK43
ARCHITECTS

**COALITION
COMPANIES**

Mercy Health Arena ADA & Storage Enhancements

470 W Western Ave, Muskegon,
MI 49440

BID MANUAL

5.20.22

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470 W Western Ave, Muskegon, MI 49440

Architect: Spark43 Architects

Construction Manager: Coalition Companies

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COALITION COMPANIES

REQUEST FOR PROPOSAL (RFP) / BIDDING INFORMATION

Project Number:

22-02

JOB: Mercy Health Arena ADA & Storage Enhancements

PROJECT DESCRIPTION:

This project will consist of utility upgrades along Thayer St, demo of the existing stairs with a storage structure and deck being built in the former location, access to the existing restrooms from the exterior of the building, and ADA upgrades throughout.

OWNER /CLIENT: City of Muskegon
933 Terrace St,
Muskegon, MI 49440

LOCATION OF BID DOCUMENTS: <https://tinyurl.com/MHA-BID>

CM CONTACT: Name Jeff Salowitz
(Email) Jeff@CoalitionCompanies.com
(Phone) 616.450.3946

MANDATORY PRE-PROPOSAL MEETING: **Wednesday, May 25, 2022**
10:30 AM EST

Mercy Health Arena
470 W Western Ave,
Muskegon, MI 49440

LAST DATE FOR CLARIFICATIONS: Wednesday, June 01, 2022 EOD

PROPOSAL DUE: **Friday, June 03, 2022 2:00 PM EST**

SUBMIT SEALED HARD COPY PROPOSALS TO: City Clerk's Office
City Hall
933 Terrace St,
Muskegon, MI 49440

SUBMIT ELECTRONIC PROPOSAL TO: Jeff@CoalitionCompanies.com

Submit electronic proposal only after hard copy has been submitted

BIDDER INTERVIEWS: **By Invitation Only**
June 6-7, 2022

Bid Proposal Form

Project Number:
22-02

Job: Mercy Health Arena ADA & Storage Enhancements

To: Coalition Companies
847 Reynard St SE, Grand Rapids, MI 49507

By executing this document, you are committing to the examination of the Contract Documents and Project Site. This also certifies the understanding of the work to be performed and the conditions relating to its performance. Bidder further certifies this Bid Proposal is in accordance with the requirements of the appropriate Work Category / Bid Scope identified below.

Company Name: _____

Bidders Name: _____

Contact: (Email) _____

(Phone) _____

Bid Category: _____

Bid Break Down:

Civil Package _____

Restroom related work _____

Storage related work _____

Addenda: The receipt of the following addenda is hereby acknowledged and incorporated into the Base Bid and Alternate Amounts.

Addendum NO: _____ Date: _____ Addendum NO: _____ Date: _____
Addendum NO: _____ Date: _____ Addendum NO: _____ Date: _____

Voluntary Alternates:

Alternate 1: (Item) _____

Description: _____

(Price) _____

Alternate 2: (Item) _____

Description: _____

(Price) _____

Unit Pricing:

Changes in scope after contract agreement will be based on the unit pricing below. These rates will be loaded, (Insurance/Tax/ Social Security/Medicare).

COALITION COMPANIES

Trade:

		Base Rate	Overtime Rate
no. 1	_____	\$ _____	\$ _____
no. 2	_____	\$ _____	\$ _____
no. 3	_____	\$ _____	\$ _____
no. 4	_____	\$ _____	\$ _____

Second Tier Subcontractors:

Company Name	Address	Phone Number	Bid Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

The undersigned, pursuant to the familial requirements as regulated, hereby represents and warrants that no familial relationships exist between the company owner or any employee of the undersigned and any member/employee of the City of Muskegon.

The undersigned, pursuant to the IRAN ECONOMIC SANCTIONS ACT, hereby represents and warrants that the contractor is not an "Iran linked business" and will not become one at any time during the course of the project. The contractor further recognizes there are penalties for providing false certification.

Proposals received will be opened publicly. No immediate decision will be rendered. Owner retains the right to final selection of qualified subcontractors.

This Bid Proposal is submitted by the undersigned, who by executing the Bid Proposal, hereby represents and warrants that he/she has the actual and legal authority to submit on behalf of the following Bidder.

Company Name: _____

Name: _____

Signature: _____

Date: _____

STATE OF _____
COUNTY OF _____

This instrument was acknowledged before me on
the _____ day of _____, 20____,
by _____.

Notary Public
County, _____
My Commission Expires: _____
Acting in the County of: _____

RFI FORM

Job: Mercy Health Arena ADA & Storage Enhancements
470 W Western Ave, Muskegon, MI 49440

Project Number:
22-02

Architect: Spark43 Architects

Construction Manager: Coalition Companies

REQUEST FOR INTERPRETATION

RFI NO. _____ **DATE** _____

SUBMITTED BY:

Contractor: _____
Name: _____
Email: _____
Phone: _____
Address: _____

Question:

Contractor Recommendation:

Coalition / Design Team Response:

BY: _____ **DATE:** _____

Mercy Health Arena ADA & Storage Enhancements

Work Category	1.003	General Scope Items
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Items:

- 1 Foreman Meetings will be held weekly - Wednesday's at 10AM EST to discuss the activities of the following week, and 2 weeks after.

Each Company will attend this meeting, Project Manager/ Foreman or Superintendent
- 2 **Each Subcontractor, and their associated trade partners are responsible for Professional Liability Insurance when associated section includes design requirements.**

IE: Mechanical, Plumbing, Fire Protection, Electrical, Data, Security
- 3 Site will have designated smoking/ tobacco use locations.
- 4 Building Permit will be provided by the CM, and associated permits will be provided by the associate trade. (Electrical, Mechanical, Etc. by that Subcontractor)
- 5 Schedule and working durations are to be associated with the Schedule. Hours to perform that will be included in this bid. 5 days, 8 hr. days will be the basis of the bid, if required to work more to attain schedule, it will be the responsibility of the trades, unless a unforeseeable delay has been presented.
- 6 Bidders to provide Artisan with their up to date/ project specific safety plan for file. Digital Plans preferred. Hard copies are acceptable.
MSDS Sheets to be provided within the safety manual
MIOSHA & OSHA Regulations shall be followed.
Traffic Control: Flagman, safety barriers, fire watch, fall protection, etc.
- 7 Site will be held to a 100% PPE Project. Hardhat, 100% Safety Glasses, 4" sleeves, Pants, Leather shoe, High Visibility, etc as stipulated by OSHA.
- 8 Contractor to provide all of their own necessary hoisting, lifts, scaffolding, handling and installation of their work per the contracts.
- 9 Site Parking will be limited to street parking and will be the responsibility of the Contractor to coordinate.
- 10 Layout: CM will provide benchmarks for the subcontractor to pull their own layout from.

Layouts must be signed off before continuing.

- 11 Clean up: Each trade shall provide 30min of each day cleaning their work zones. If this task is not performed, CM will provide these services as a back charge to the associated trades. If it is not clear of whose work it is, it will be associated to all trades on site that day.
- 12 Firestopping: Each trade is responsible for their own fire stopping at their penetrations.
- 13 Warranties: Labor/ Craftsmanship will be one year from final completion date. Materials and assemblies will be one year, plus any manufacturers warranty. Provide documentation at close out of the associated product warranties.
- 14 Billings and Payments will be AIA format, with associated lien releases. (Partial & Final)
- 15 Protection of your work is to be included until acceptance by the Owner/Client.
- 16 Sales Tax to be included.

Initial for compliance: _____
Date: _____

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category

Bid Submission:

Bid Form

Div. 1 - General Scope

Specific Bid Category

Related Work Categories:

01-003 General Scope

Specific Bid Category

02-4100 Demolition

General Demo Comments:

All demo is scoped to individual trades. All individual trades shall provide the following when performing demo.

Identify, demolish, dispose of noted materials in a legal manor.

Remove existing rubbish, debris, and materials as noted at walk through and identified by documents. Including existing construction, materials, and equipment from slab.

Protect & maintain integrity of the existing structure.

Unless otherwise noted, all dumpsters shall be provided by Construction Manager.

Following Demo items by others:

Div 4 - Demo of masonry walls/doors/openings to be by Div 4 Masonry. Provide necessary shoring as needed.

Div 6 - Remove existing walls as shown on documents in a clean fashion that will allow for new walls to be received.

Div 6 - Demo of gyp walls for door openings and at concessions to be by Div 6 General Trades.

Div 6 - Removal of existing restroom partitions to be by Div 6 General Trades and to be turned over to Owner.

Div 6 - Provide dust separation from the existing business and our work zone.

Div 8 - Removal of HM egress doors to be by Div 8 Glass & Aluminum

Div 22 - Removal and disposal of all plumbing, fixtures, stools, piping etc. to be by Div 22 Plumbing.

Div 23 - Remove hood to CIO Hall along alley way.

Div 23 - Cut and cap existing vent pipe to CIO hall.

Div. 22, 23, 26 - Cut/ Cap/ Make safe of Utilities Gas, Water, Electrical, Sewer are by Div. 22, 23, & 26.

Div 31 - Removal and disposal of existing concrete exterior stairs, slab, sand, handrails etc by Div. 31 Earthwork & Utilities

Div 31 - Site demolition in entirety, including all removal of concrete, asphalt, utilities.

Div 31 - This trade will be responsible for removal and disposal of all scope specific materials, fill, asphalt, concrete, etc.

02-0001 Asbestos & Lead Abatement

There is no Asbestos, lead or hazardous materials assumed. Should they be encountered work should be stopped until proper clean up can be performed.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope

31-0001 Earthwork & Utilities

Specific Bid Category

03-0000 Concrete Foundations, Flatwork, and Site Concrete

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Demo of existing sidewalk at the end of the ramp to appropriately receive Geofoam and new sidewalk by this trade.

Concrete Foundations, sidewalks & slabs

Provide Coordination of any MEP/Utilities in foundations/slabs

Provide necessary rebar, ties, anchors for foundations, flatwork, site concrete

Include layout, for excavators to dig foundations.

Include hauling away spoils. (Washdowns, and access to be contained and hauled away)

Provide wooden box or means to contain washdown

Provide necessary forms and bracing for associated foundations.

Provide Geo-Foam on top of the existing ramp.

Provide Slab on grade and flatwork per documents.

Fluid applied waterproofing on masonry walls in narrow alley and garage to be provided by Div 9. Coordinate with Div 9.

Provide slab on deck per documents. Pay special attention to turned down edges and ensure uniformity and continuity with all finished surfaces.

Provide concrete Apron at entrance to the garage. Coordinate with Div 22 for trench drain.

Include any grouting of the steel columns

Bolts and Layout for Steel base plates to be furnished by Div 5 , but installed by Div 3 trade. Coordinate locations with Div 5

Include weather protection

Provide curing compounds, sealers, and hardeners for slabs, and site concrete

Site Concrete

Include any expansion and contraction at site concrete joints

Exclude caulking at these joints.

Concrete Apron/Ramp at garage door to be included
Include any threshold landings at door or stairs at the garage.
Furnish and install bollards as noted on the drawings.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope

31-0001 Earthwork & Utilities

Specific Bid Category

03-4100 Precast Concrete Plank

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Precast Concrete

Include all required welding for work installed

Include corrosion inhibitors as specified

Remove roadway mud and other soiling accumulated during transportation after installation

The work is to be performed in accordance with the project documents.

Precast Contractor shall be a certified PCI fabricator and installer.

The work includes all costs to deliver and erect the work including over the road permits. Erection will be done, from Thayre Ave, paying special attention to existing utilities. Precast Contractor shall provide their own crane, crane operators and rigging necessary to unload and install structural, plank and pre-cast concrete. Work includes all crane logistics, crane mobilization / demobilization, setup location(s), crane sizing, truck routing, temporary stone roads if necessary to install precast, and any shoring needed to be designed to accommodate the crane surcharge loads. Precast Contractor shall furnish all crane certificates of inspection prior to erection of the precast. Furnish all welding certificates, PCI plant certifications, erector certifications, crane plans, rigging plans, material certificates, and plant quality control reports

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category

Bid Submission:

Bid Form
Div. 1 - General Scope
Specific Bid Category

Related Work Categories:

01-0003 General Scope
 03-0000 Concrete Foundations, Flatwork, and Site Concrete
 05-0000 Steel & Miscellaneous Metals

Specific Bid Category

04-0000 Masonry

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Selective Demo

Review Div 2 and provide all necessary general demo items.
 Div 4 - Demo of masonry walls/doors/openings to be by Div 4 Masonry. Provide necessary shoring as needed.

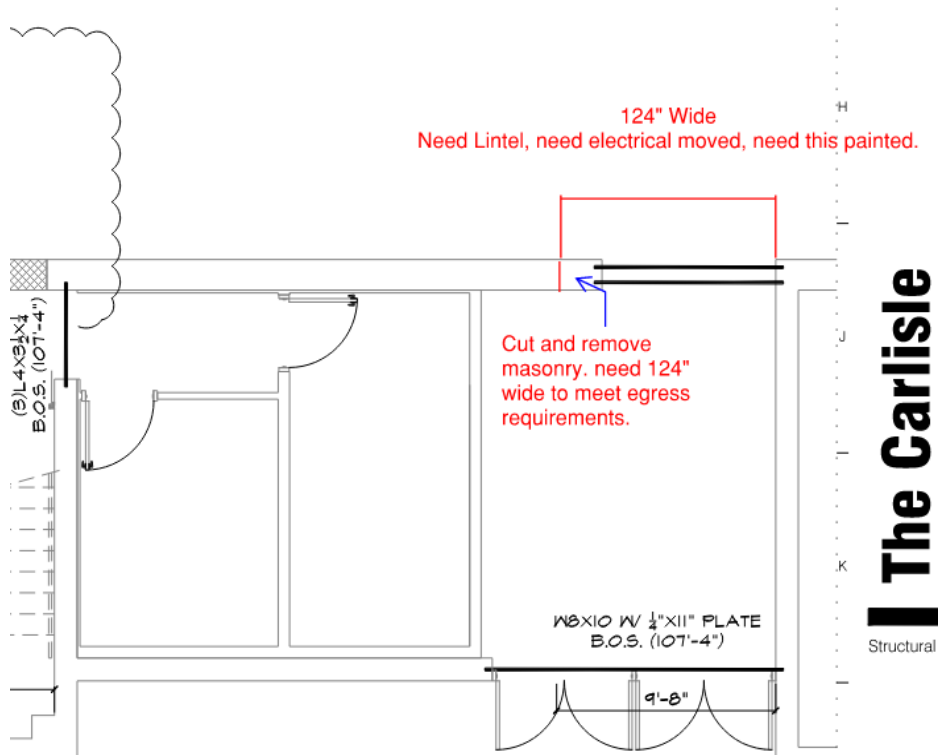
Masonry

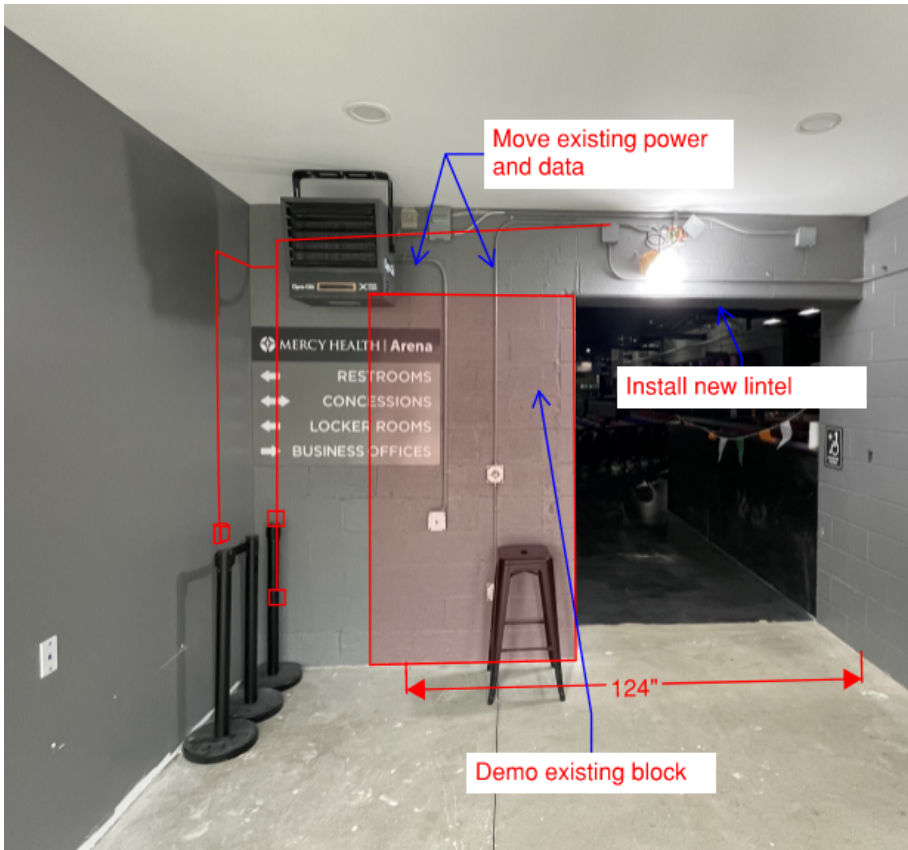
Demo and Prep masonry openings for new Lintels.
 Lintels to be provided by this trade.
 Furnish/ Install all unit masonry, brick, cmu, specialty block, cast stone, mortar, grout, and related accessories
 Include sawcutting of new openings.
 Grout cells, and cavities as required
 Furnish and install expansion joints as required.
 Furnish and install flashing; Through wall, membrane, metal, weeps, to provide a complete system.
 Provide daily clean up, masonry dumpsters, and haul away all debris.
 Provide weather protection as required for this work.
 Temp Power will be provided for the work to be performed. (110v Power)
 Furnish/ install brick ties, and masonry anchors as need to perform scope of work.
 Perform necessary tuckpointing, and shoring during lintel replacement. This goes for all new or expanded openings, as well.
 Wash/Clean, Seal Masonry Products at completion
 Coordinate with various trades on Box Outs, Bearing Plates, Conduit Runs, Etc.
 Repair / infill hole in masonry where the old exhaust hood of the CIO Hall is located in the alley. Match "red" brick appropriately, paying special attention to mortar type.
 CMU demolition to be included, with proper engineered shoring as needed.

Brick/ Block finish to provide samples of proposed match at time of award.
Ensure proper number of mobilizations are incorporated to account for precast plank and stair setting.

Isolation Pricing -

Provide break out pricing for the South masonry wall in the Womens restroom.
Unit rate for tuckpointing.
Provide pricing to cut down the existing wall between the entry of the Carlisle Restaurant and Rad Dads. See marked up drawing and photo for reference.





END OF SECTION

Mercy Health Arena ADA & Storage Enhancements**Work Category****Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope

03-0000 Concrete Foundations, Flatwork, and Site Concrete

04-0000 Masonry

Specific Bid Category

05-0000 Steel & Miscellaneous Metals

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Steel

Set all Structural Steel - Joists, Columns, Beams, Bracing, Channels

Furnish and install called out metal decking

Furnish/ Install all bridging, bent plates, connection plates

Furnish all associated Handrail & Guardrails

Inbeds and Layout for Steel base plates to be furnished by Div 5, but installed by Div 3.

Coordinate with Div 3.

Canopy/Roof Structure to be primed for finish paint.

Exclude Lintels for called out openings. To be supplied by Div 4 Masonry.

Isolation Pricing -

Provide alternate pricing to supply all lintels.

Provide isolated pricing for handrails & guard rails.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope

07-0000 Roofing

06-0000 Carpentry & General Trades

Specific Bid Category

07-0000 Roofing

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Roofing

Provide and install a roofing system complete

Provide Roof Drains, but set by Div 22 plumber.

Provide metal coping, flashing, sealants, roof penetration boots, counterflashing etc.

Nail/ Screw Pattern to align with structure, so no fasteners will be seen from below.

Provide proper taper in insulation to move water to drains.

Furnish/ Install Metal fascia, MCM Panels, coping, trims and fasteners

Include associated metal copings/trims/ expansions as noted.

Crickets are to be provided and installed by this scope.

Isolation Pricing -

Mechanical will set Mechanical units on roof.

Proper sealing of mechanical roof penetrations to be by this contractor.

Ensure that you are a certified vendor of the existing Garland system.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope
04-0000 Masonry
06-0000 General Trades/Carpentry
07-0000 Caulking & Sealants
08-0001 Hollow Metal Framing

Specific Bid Category

8330 Overhead Door Systems

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Overhead Doors

Furnish / Install Overhead Door Systems, and controllers as noted.
Furnishing of any necessary blocking for door assemblies by this trade.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope
 04-0000 Masonry
 06-0000 General Trades/Carpentry
 07-0000 Caulking & Sealants
 08-0001 Hollow Metal Framing

Specific Bid Category

8400 Glazing

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Select Demo

Review Div 2 and provide all necessary general demo items.
 Div 8 - Removal of HM egress doors to be by Div 8 Glass & Aluminum. It is assumed the doors will be left in place until the storefront is on site. Provide break out pricing for the demo should this be removed from this scope.

Glazing

Furnish/ Install Storefront/windows/ doors complete.
 Include leak testing
 Include field measurements, of existing conditions
 Provide glass specifications, per code, and city requirements
 Furnish/Install Caulking, Sealants, Joints Sealers, Shims, Fasteners, Anchors
 Include final adjustments after installation
 Coordination with rough carpentry, and masonry packages for final opening sizes.
 Locking System to match existing Storefront.
 Include associated mullions
 Hollow Metal frames & hardware are by others.
 Testing and balancing of Closures, and hardware
 CIO Hall Windows shall be demo'd an replaced with storefront.
 Provide interlocking magnetic door locks and key switches for each restroom. 4 doors total, 2 separate systems for each restroom.
 Provide lockset for existing HM doors in restrooms.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category

Bid Submission:

- Bid Form**
- Div. 1 - General Scope**
- Specific Bid Category**

Related Work Categories:

- 01-0003 General Scope
- 09-0000 Paint
- 09-0002 Flooring
- 06-0000 Millwork/ General Trades
- 05-0000 Metals
- 04-0000 Masonry

Specific Bid Category
9250 Drywall/ Framing/ ACT

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Drywall/ Framing

Provide materials/ labor/ equipment to install associated framing/ drywall wall systems
 Provide furring, studs, slip track, associated to the building system presented.
 Provide Cornerbeads, tear ways, drywall trims as specified.
 Furnish drywall tight to conduits, plumbing, fire sprinkler, mechanical, structure.
 Furnish corner guards for all corners.

Alternate: Insulate wall systems \$ _____

Alternate: Frame & Gyp south wall of womens restroom in lieu of it being a masonry \$ _____

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope

03-0000 Concrete

09-0000 Paint

09-0002 Polished Concrete

Specific Bid Category

9300 Flooring, Tile

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Flooring

Provide labor/ materials to complete plans as shown.

Provide walk off carpet as noted.

Provide vinyl base as shown.

Provide steel transition plates from walk off carpet to epoxy floors.

Include associated prep to surfaces as needed.

Provide associated trims for tile, carpet

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope
06-0000 Millwork/ General Trades
07-0000 Caulking & Sealants
09-0001 Drywall

Specific Bid Category

09-0000 Painting

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Painting/ Staining/ Sealants

Provide fluid applied waterproofing on masonry walls in narrow alley and garage
Provide materials/ labor/ equipment to paint as noted.
Provide labor/materials/ equipment to paint exterior as noted.
Provide associated primers with particular materials.
Wood/ Metal/ Interior/ Exterior...Etc.
Provide epoxy painting in garage as noted.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope
 06-0000 General Trades/ Millwork
 21-0000 Fire Protection
 23-0000 Mechanical
 26-0000 Electrical
 31-0000 Earthwork

Specific Bid Category

22-0000 Plumbing

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Selective Demo

Review Div 2 and provide all necessary general demo items.

Div 22 - Removal and disposal of all plumbing, fixtures, stools, piping etc. to be by Div 22 Plumbing.

Div. 22, 23, 26 - Cut/ Cap/ Make safe of Utilities Gas, Water, Electrical, Sewer are by Div. 22, 23, & 26.

Plumbing

Include all plumbing demolition associated with existing conditions

Include fire resistive joint sealants for your penetrations through fire rated assemblies

All Fire Caulking will be applied in a clean and uniform manor, taping off surrounding finishes as appropriate.

Furnish install all underground, Sewer, Water, Storm within the building footprint.

Extend lines to Five (5) feet to the exterior of the building

Provide clean-out covers, and access panels related to your work.

Stainless Steel covers associated to Cleanouts.

Paint grade metal access panels

Include permanent caps to existing system as needed.

Provide condensate connections for Mechanical trades. (Lines by others)

Include coordination with associated MEP and Utility trades.

Include all permits and fees

Test, and inspect final system.

Provide your own trenching and interior work for unground.

Provide roof drain installation, and rain leaders. (Roof accessories by others.)

Roof Drain unit provided by roofer.

Isolation Pricing -

Provide an allowance of \$5,000 to be used by the Owner as needed for misc. items.

Separate the cost of the CIO scope of work for internal tracking purposes.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category

Bid Submission:

Bid Form

Div. 1 - General Scope

Specific Bid Category

Related Work Categories:

01-0003 General Scope
 06-0000 General Trades/ Millwork
 21-0000 Fire Protection
 22-0000 Plumbing
 26-0000 Electrical
 31-0000 Earthwork

Specific Bid Category

23-0000 Mechanical

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Selective Demo

Review Div 2 and provide all necessary general demo items.
 Div 23 - Remove hood to CIO Hall along alley way.
 Div 23 - Cut and cap existing vent pipe to CIO hall.
 Div. 22, 23, 26 - Cut/ Cap/ Make safe of Utilities Gas, Water, Electrical, Sewer are by Div. 22, 23, & 26.

Mechanical

Complete all mechanical work per plans, specifications
 Provide gas piping, to all Mechanical, Plumbing equipment.
 Final Connections for mechanical are by this contractor.
 Plumbing contractor will take from capped end/valve.
 Coordinate layout and work with fire protection, plumbing, electrical
 Include all trim rings, and fire resistant sealants for penetrations through wall systems.
 All Fire Caulking will be applied in a clean and uniform manor, taping off surrounding finishes as appropriate.
 Provide condensate pumps, piping and accessories to provided drains by plumbing.

 Provide all crane, rigging to remove existing equipment off the roof, and for new install.
 Include all roof curbs as needed
 Include any necessary flashing details for your systems
 Include stand pipes and roof penetrations as necessary
 Roofing by others. (Include caulking around penetrations)

Test, and inspect final system.
Provide owner training for systems, at completion
Include 1 yr. of maintenance.

Isolation Pricing -

Separate the cost of the CIO scope of work for internal tracking purposes.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:**

Bid Form
Div. 1 - General Scope
Specific Bid Category

Related Work Categories:

01-0003 General Scope
 21-0000 Fire Protection
 22-0000 Plumbing
 23-0000 Mechanical
 26-0000 Electrical
 31-0000 Earthwork

Specific Bid Category

26-0000 Electrical - Data Rough In

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Selective Demo

Review Div 2 and provide all necessary general demo items.
 Div. 22, 23, 26 - Cut/ Cap/ Make safe of Utilities Gas, Water, Electrical, Sewer are by Div. 22, 23, & 26.

Electrical

Include all miscellaneous cutting, and patching associated to your work.
 Provide fire-resistive joint sealants for wall penetrations. (Keep tube on site for inspection)
 All Fire Caulking will be applied in a clean and uniform manor, taping off surrounding finishes as appropriate.
 Provide access panels associated to your work. Metal paint grade.
 Include any masonry coring, for associated exterior/interior boxes/lighting/ etc.
 Provide power/access for electrified door systems.
 Furnish/ install all panel labeling at completion. (Typed, and labeled)
 Provide own trenching, and conduit runs for exterior lighting, power, signage.
 Make final connections to Mechanical units, provided by others.
 Include all necessary permits, and fees
 Include testing of systems to meet applicable codes and regulations
 Include coordination with associated MEP trades.
 Provide power associated to mechanical equipment, plumbing equipment, fire protection.
 Provide power circuits to overhead doors, as noted.

Isolation Pricing -

Provide an allowance of \$5,000 to be used by the Owner as needed for misc. items.
Separate the cost of the CIO scope of work for internal tracking purposes.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope
 21-0000 Fire Protection
 22-0000 Plumbing
 26-0000 Electrical

Specific Bid Category

31-0000 Earthwork & Utilities

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Selective Demo

Review Div 2 and provide all necessary general demo items.

Div 31 - Removal and disposal of existing concrete exterior stairs, slab, sand, handrails etc by Div. 31 Earthwork & Utilities

Div 31 - Site demolition in entirety, including all removal of concrete, asphalt, utilities.

Div 31 - This trade will be responsible for removal and disposal of all scope specific materials, fill, asphalt, concrete, etc.

Earthwork

Perform all sedimentation and erosion controls including, silt fence, temporary piping, inlet protection storm sewer.

Include maintenance of these controls until the project is clear from protection

Include Daily cleanup of the site, such as necessary sweeping of paved areas around the site.

Provide rough grading, associated with Thayer St, and any storm/sewer work associated with the building

Rough grading to be within 1" tolerance

Provide approved backfill for Storm/ Sewer/ Utility work around building.

Perform layout of existing benchmarks, and grade stakes

Perform excavation, saw cutting, asphalt/concrete demolition as need for new work.

All edges to be clean cut for future replacement by others.

Spoils to be removed offsite.

Sub base for new asphalt parking lot to be included and graded to within 1" tolerance.

Miss dig and existing utility management is included in this contract.

Include site demolition and any saw cutting as needed.
Site Concrete to be formed by others.
Footing excavation for canopy by this contractor. (including backfill as needed)
Include base/ grading for the new site concrete.
Include sand backfill

Utilities

Include all utilities as noted on documents
Furnish and install sanitary sewer systems, manholes, cleanouts, per associated plans
Furnish and install storm sewer systems as noted per plans.
 Catch Basins, Laterals, etc.
 Existing system to be operational during the process of the new
Test pit any utility work before excavation of new/relocated.
Include Caping/ Grouting in old utilities as needed. (Storm/ Sewer)

No Trenching to be left open over night without adequate protection and authorization.
Perform Compaction testing as necessary for utility work, and site grading
Ensure coordination with the MEP trades. Pay special attention to who owns the storm drains in the alley.

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope

03-0000 Concrete Foundations, Flatwork & Site Concrete

31-0000 Earthwork & Utilities

Specific Bid Category

32-0001 Asphalt Paving

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Asphalt Paving

Include fine grading prior to paving

Within 1" tolerance

Include the base course aggregate, and top course. (include rolling, and tampering as needed for compaction)

Clean Base Course before finish course is applied.

Provide associated built up locations at transitions to alley. (thickened edge)

Garage entry will have an apron by the site concrete .

END OF SECTION

Mercy Health Arena ADA & Storage Enhancements

Work Category**Bid Submission:****Bid Form****Div. 1 - General Scope****Specific Bid Category****Related Work Categories:**

01-0003 General Scope

03-0000 Concrete Foundations, Flatwork, and Site Concrete

31-0000 Earthwork & Utilities

Specific Bid Category

32-0003 Fencing

General Comments

Provide a list of hard to get, long lead time items with expected amount of time to procure. Suggest alternates or ideas to expedite the project.

Fencing

Furnish and install associated fencing at the locations noted on plans.

This scope is not shown well on the civil drawings, but is referenced on the architectural. Further information will be provided in the addendum.

END OF SECTION