

FEBRUARY 26, 2024

OWNER:
O'FALLON PARKS & RECREATION
308 EAST 5TH STREET
O'FALLON, ILLINOIS 62269

ARCHITECT:
FGM ARCHITECTS INC.
475 REGENCY PARK, SUITE 325
O'FALLON, ILLINOIS 62269

CONSTRUCTION MANAGER:
HOLLAND CONSTRUCTION SERVICES
4495 N. ILLINOIS STREET
SWANSEA, ILLINOIS 62226

TO: PROSPECTIVE BIDDERS

SUBJECT: O'FALLON COMMUNITY PARK ENHANCEMENTS
NEW POOL AND AMPHITHEATER (PHASE 1)
411 EAST 5TH STREET
O'FALLON, IL 62269

FGM Project No.: 23-3773.01

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding documents dated February 14, 2024. Acknowledge receipt of this Addendum in space provided on Bid Form. **Failure to acknowledge addenda may subject bidders to disqualification.**

GENERAL

1. Replies to Bidding RFI/RFCs are included as attachments to this Addenda. These replies are current through the issuance of this Addenda, note additional replies will follow as possible in subsequent Addenda issuances.

MANUAL

1. TOC – TABLE OF CONTENTS
 - A. TOC-2, **REVISE** 01 10 00 Project Summary – **to READ**
“01 00 00 Project Summary – Bid Packages – Schedule 01 10 00-1 – **61**”
2. SECTION 01 10 00 – PROJECT SUMMARY – BID PACKAGES - SCHEDULE
 - A. 01 10 00-16-18, Bid Package No. 03 – Site and Building Concrete, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 03 – Site and Building Concrete, attached to this Addenda.
 - B. 01 10 00-19-21, Bid Package No. 04 – Masonry, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 04 – Masonry, attached to this Addenda.
 - C. 01 10 00-22-24, Bid Package No. 05 – Structural and Miscellaneous Steel, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 05 – Structural and Miscellaneous Steel, attached to this Addenda.
 - D. 01 10 00-25-29, Bid Package No. 06 – Carpentry, Aluminum Storefront/ Glass and Glazing, **REPLACE in its ENTIRETY** with **NEW** Bid Package 06 – Carpentry, Aluminum Storefront/Glass and Glazing, attached to this Addenda.
 - E. 01 10 00-30-31, Bid Package No. 7.1 – Membrane Roofing, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 7.1 – Membrane Roofing, attached to this Addenda.
 - F. 01 10 00-32-33, Bid Package No. 7.2 – Sheet Metal and Aluminum Siding, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 7.2 – Sheet Metal and Aluminum Siding, attached to this Addenda.
 - G. 01 10 00-34-36, Bid Package No. 9.1 – Metal Studs/ Drywall/ Acoustical Ceilings, **REPLACE in its ENTIRETY** with **NEW** Bid Package 9.1 – Metal Studs/ Drywall/ Acoustical Ceilings, attached to this Addenda.
 - H. 01 10 00-39-40, Bid Package No. 9.3 – Flooring – Resilient, Carpet and Ceramic Tile, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 9.3 – Flooring – Resilient, Carpet and Ceramic Tile, attached to this Addenda.
 - I. 01 10 00-41-42, Bid Package No. 9.4 – Painting, **REPLACE in its ENTIRETY** with **NEW** Bid Package No.

- 9.4 – Painting, attached to this Addenda.
- J. 01 10 00-43-45, Bid Package No. 13 – Swimming Pools, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 13 – Swimming Pools, attached to this Addenda.
 - K. 01 10 00-46-49, Bid Package No. 22 – Plumbing, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 22 – Plumbing, attached to this Addenda.
 - L. 01 10 00-50-52, Bid Package No. 23 – Heating, Ventilation and Air Conditioning, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. No. 23 – Heating, Ventilation and Air Conditioning, attached to this Addenda.
 - M. 01 10 00-53-58, Bid Package No. 26 – Electrical, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 26 – Electrical, attached to this Addenda.
 - N. 01 10 00-59-61, Bid Package No. 31 – Earthwork, Site Utilities & Segmental Retaining Walls, **REPLACE in its ENTIRETY** with **NEW** Bid Package No. 31 – Earthwork, Site Utilities & Segmental Retaining Walls, attached to this Addenda.

DRAWINGS (NONE)

Respectfully,



Brennan Hartin, AIA, NCARB
Senior Associate

This Addendum consists of 2 pages.

| | |
|--------------|--|
| Attachments: | Pre-Bid Meeting Sign-In Sheet – Prepared by Holland Construction Services, dated 02.21.2024 (2 pages) |
| | Pre-Bid Meeting Agenda – Prepared by Holland Construction Services, dated 02.21.2024 (4 pages) |
| | Holland Construction Services Closed Bidding RFI Log (w/ Responses) Current through 02.26.2024 (3 pages) |
| | Specification 01 10 00 – Project Summary – Bid Packages – Schedule Replacement Pages as noted and with “Revised by Addendum #1” in Footer (44 total replacement pages) |

Drawings: None

Substitution Request: None

City of O'Fallon, IL Community Park Enhancement



Holland Construction Services, Inc.

Meeting

Today's Date 2-21-2024

SIGN-IN SHEET

| <u>NAME</u> | <u>CONTRACTOR</u> |
|-------------------|---------------------------|
| Carson Mathewson | Groundworks Contracting |
| Matt Helneck | icon Mech. |
| Andrew Eals | Loellke Plumbing |
| JASON LITTEKEN | LITTEKEN CONSTRUCTION CO. |
| Kyle Baer | KyleBaer@sbcglobal.net |
| Josh Kewe | j.kewe.bhc@gmail.com |
| Frank Anthony | RF Mech |
| Matthew Eichholtz | O'Fallon Electric Co |
| Liz Crawford | Capri Pools |
| Robert Sommers | Lowry Electric |
| Dave Wiechen | Capri Pools |
| Jeff Huchtermeyer | SSC Engineering |
| BRENNAN MARTIN | FOM ARCHITECTS |
| Dan Winkler | Tarthen Corp? |
| Garin Smith | Fahrer Steel |
| Jeff Litteken | Litteken Plumbing |
| Tom Zebrowski | CLS, INC |
| BRIAN JUCIUS | TARZTOW CORP |
| Jim O'Brien | Spiritus Worldwille |
| ROSS FHNKE | ICON MECHANICAL |



PRE-BID MEETING AGENDA

City of O'Fallon, IL Community Park Enhancements Pool and Amphitheater February 21, 2024, 2:00 PM

1. Introductions

1.1 Project Team

- City of O'Fallon, IL Parks Department– Owner
- Holland Construction Services – Construction Manager
- FGMA – Architect
- Millennia – Civil Engineer
- Kreher Engineering – Structural Engineer
- SSC Engineering – MEPFP Engineer
- Counsilman-Hunsaker and Associates

1.2 Project Overview

- Project consists of construction of a new pool with locker room facilities, mechanical room, parks department offices and a amphitheater, Included in the scope is demolition of the existing pool.

1.3 CM Project – There is no General Contractor. Bid Packages are as follows:

- Bid Package No. 02 – Demolition
- Bid Package No. 03 – Site and Building Concrete
- Bid Package No. 04 – Masonry
- Bid Package No. 05 – Structural and Miscellaneous Steel
- Bid Package No. 06 – Carpentry, Aluminum Storefront/Glass and Glazing
- Bid Package No. 7.1 – Membrane Roofing
- Bid Package No. 7.2 – Sheet Metal and Aluminum Siding
- Bid Package No. 9.1 – Metal Studs, Drywall and Acoustical Ceilings
- Bid Package No. 9.2 – Resinous Flooring
- Bid Package No. 9.3 – Flooring – Resilient, Carpet and Ceramic Tile
- Bid Package No. 9.4 – Painting / Coatings
- Bid Package No. 13 – Swimming Pools
- Bid Package No. 22 - Plumbing
- Bid Package No. 23 – Heating, Ventilation and Air Conditioning
- Bid Package No. 26 – Electrical
- Bid Package No. 31 – Earthwork, Site Utilities and Segmental Retaining Walls

1.4 Bidders need to pay particular attention to DIVISION 00 – PROCUREMENT & CONTRACTING REQUIREMENTS and DIVISION 01 – GENERAL REQUIREMENTS

2. General Administration

2.1 Bid Procedure, Instructions to Bidders – Spec Section 002113, AIA A701-2018.

- Submit entire bid form section in duplicate, signature required. Acknowledge all addenda. Include bid bond, certified check or cashier's check in the amount of 5% of bid. All original copies required. Facsimile and photocopies are unacceptable. Bid form must be submitted without alterations. Additional documentation is not allowed.



- 2.2 Request for Clarifications – RFC Form – Spec Section 002113
- **Email to Terry Kennedy at Holland (tkennedy@hollandcs.com).** All questions to be in writing. RFC deadline is Tuesday, February 27, 2024 at 5:00pm.
- 2.3 Bid Date: Wednesday, March 6, 2024 at 3:00PM.
- Sealed bids will be received by the City of O’Fallon, IL, City Hall, 255 South Lincoln Ave, O’Fallon, IL 62269. Bids shall be clearly marked with “O’Fallon Community Park Enhancements Pool and Amphitheater” and appropriate bid package number. Bids received after stated time will not be accepted and will be returned unopened.
 - Bids will then be opened publicly and read aloud in the City Hall, 255 South Lincoln Ave, O’Fallon, IL 62269. No immediate decision shall be rendered concerning the bids submitted. After the bids have been tabulated and evaluated, they will be presented to the City Council.
- 2.4 Performance/Payment Bonds – Spec Section 006000
- Bid Bond – AIA A310-2010 is the form of Bid Bond to be used.
 - Performance and Payment Bond – AIA A312-2010 is the form of Bonds to be used.
 - Contractors shall obtain payment and performance bonds in the full amount of the cost to construct the Project. Owner shall be named as Primary Obligee and Construction Manager (Holland) as a Co-Obligee.
- 2.5 Prevailing Wage – Spec Section 008250.
- 2.6 Insurance – Spec Section 011000
- General Liability - \$1M Occurrence, \$2M Aggregate
 - Auto - \$1M
 - Workers Compensation - \$1M
 - Umbrella - \$2M
 - Professional Liability - \$2M, if required
 - Pollution - \$2M all trades
- 2.7 General Conditions of the Contract – Spec Section 007000
- AIA A201-2017 “General Conditions of the Contract for Construction”
 - Insurance Requirements – Article 11 Insurance and Bonds
 - Builders Risk Insurance by Owner/Construction Manager.
- 2.8 Project Summary / Bid Packages – Spec Section 011000
- Drawings to be used as a whole, do not rely on select drawings.
 - Must understand relation of all Bid Packages.
 - Project Summary applicable to ALL Bid Packages.
- 2.9 Unit Prices – Spec Section 012200
- Contractors to review all unit costs and include pricing accordingly.
 - Unit costs are as follows:
 - Bid Package No 31 – Unsuitable soil replacement
- 2.10 Contracts for each bid package will be direct with the Owner via AIA Document A101-2017 “Standard Form of Agreement between Owner and Contractor” – Spec Section 005000 Agreement. The agreement will be with the City of O’Fallon and then assigned to Holland Construction Services per the agreement.

- 2.11 Addendums – Last addendum will be issued Thursday, February 29, 2024. Receipt of addendums must be acknowledged on your bid form.
- 2.12 Document Availability – see Spec Section 000300 Advertisement for Bid for list of locations.
- 2.13 This Project is Tax Exempt.

3. Soil Investigation Report

- 3.1 Included as part of the specifications – Spec section 003132 Geotechnical Data.

4. Safety

- 4.1 Follow guidelines listed in Spec Section 011000, 1.6 – Safety of Persons and Property.
- 4.2 Mandatory: 100% Hard Hats, 100% Safety Glasses, Boots, Pants, 4" Sleeves, 6' fall rule, No Radios or Headphones

5. Delegated Design

- 5.1 Spec sections requiring Delegated Design include, but may not be limited to:
 - 051200 Structural Steel Framing
 - 052100 Steel Joist Framing
 - 053100 Steel Decking
 - 054000 Cold-Formed Metal Framing
 - 055000 Metal Fabrications
 - 055213 Pipe and Tube Railings
 - 084113 Aluminum Framed Entrances & Storefronts
 - 084413 Glazed Aluminum Curtainwalls
 - Division 13 Special Construction

6. Shop Drawings/Submittals/Procurement

- 6.1 Procore will be the construction management software used for this Project. Contractors are required to use Procore to access Project documents, Plans, Specifications, RFIs, Submittals, Revisions, meeting minutes, safety, punch list, etc. Contractors will send all project contacts to be added to the Procore job upon award. Procore is available via web browser, iOS, and android.
- 6.2 BIM Modeling/Coordination
 - Bid Packages –Steel, Mechanical, Electrical, Plumbing and Fire Protection for building A.
 - Includes providing 3D shop drawings for coordination with other contractors
- 6.3 A portion of the electrical gear has been purchased by the City of O'Fallon and will be assigned to the electrical contractor.

7. Permits

- 7.1 All permits and tap fees are by Owner. Respective contractors to assist in obtaining permits and submission of any applications.

8. Testing

- 8.1 Construction testing to be provided by independent testing agency via the Owner.

9. Engineered Layout

- 9.1 Owner to provide one time staking as listed in Spec Section 011000. Any additional staking / layout to be provided by contractors.
 - Temp Fencing
 - Cut and Fill/Earthwork
 - Building Corners

- Column Lines
- Anchor Bolt Survey
- Elevations and Locations for Sanitary, Water, Electrical, Storm Sewer
- Site concrete and elevations and back of curbs
- Finish grades for building

10. Temporary Facilities

- 10.1 Fencing will be provided.
- 10.2 Dumpsters will be provided, unless otherwise noted to be included by specific scopes of work.
- 10.3 Temporary toilets will be provided.
- 10.4 Access roads and temporary lay-down areas will be provided.

11. Clean-Up

- 11.1 The following contractors are responsible for their own clean up:
 - BP #2 – Demolition
 - BP #3 – Site and Building Concrete
 - BP #4 – Masonry
 - BP #5 – Structural Steel
 - BP #7 – Roofing/Sheet Metal/Metal Panels
 - BP #31 – Earthwork/Storm Sewer
- 11.2 All subcontractors will be responsible to haul their spoils to a location onsite as determined by the construction manager.
- 11.3 All contractors will be responsible for their own street cleaning from their crews, traffic or deliveries.

12. Questions/Other Items

- 12.1 Provide location of electrical service drop
- 12.2 Provide cut sheets on electrical equipment to be provided by Owner
- 12.3 Provide cut sheets on voice/data, access controls and surveillance provided by Owner
- 12.4 Location of phone and data on property

RFI LOG

| # | Subject | Status | Responsible Contractor | Received From | Assignee | Date Initiated | RFI Manager | Due Date | Closed Date | Ball In Court | Location | Schedule Impact | Cost Code | Cost Impact |
|--------|---|--------|------------------------|--|---|----------------|---------------|------------|-------------|---------------|----------|-----------------|-----------|-------------|
| Bid-15 | Scope Clarifications - Metal Studs, Parapet Sheathing, Rigid Insulation | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | William, Laura (H... Goette, Greg (Hol... Hartin, Brennan (...) | 02/26/2024 | Terry Kennedy | 03/04/2024 | 02/26/24 | | | | | |
| | <p>Terry Kennedy Sent Mon Feb 26, 2024 at 09:10 am CST What work package is responsibility for metal stud wall layout? This is included in General Trades package item 10 and also Drywall package item 12.</p> | | | | | | | | | | | | | |
| | <p>Q: What work package is responsible for back of parapet sheathing 5/A3.11</p> | | | | | | | | | | | | | |
| | <p>Mason responsible for rigid insulation behind masonry 5/A3.11. Please confirm RE_Ofallon Pool.msg</p> | | | | | | | | | | | | | |
| | <p>A: Terry Kennedy (Holland Construction Services) Responded Mon Feb 26, 2024 at 12:46 pm CST Holland Note: .scopes of work, pertaining to this RFI have been updated and adjusted.</p> | | | | | | | | | | | | | |
| Bid-8 | Bid Package #4 Masonry/Bid Package # 9.1 Metal Studs Scope of Work Clarification | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | Hartin, Brennan (...) | 02/23/2024 | Terry Kennedy | 03/01/2024 | 02/26/24 | | | | | |
| | <p>Terry Kennedy Sent Fri Feb 23, 2024 at 09:26 am CST Q: Can you change the air barrier scope to be by 1 package, #4 Masonry or #9.1 Metal Studs? And then the ridged would be by whomever puts the skin on. rf-02202024142325.pdf</p> | | | | | | | | | | | | | |
| | <p>A: Terry Kennedy (Holland Construction Services) Responded Mon Feb 26, 2024 at 12:33 pm CST Holland Note: Masonry and Metal Stud Scopes have been revised to clarify the concern/RFI.</p> | | | | | | | | | | | | | |
| Bid-6 | ICC-500 FEMA Doors | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | Hartin, Brennan (...) | 02/23/2024 | Terry Kennedy | 03/01/2024 | 02/23/24 | | | | | |
| | <p>Terry Kennedy Sent Fri Feb 23, 2024 at 08:09 am CST It looks like there are going to be ICC-500 FEMA doors on this project. The plans are lacking enough information for me to figure out what doors these will be. Can you tell me what room they plan on making the FEMA shelter? RE_Ofallon IL Community Park Gym.msg</p> | | | | | | | | | | | | | |
| | <p>A: Terry Kennedy (Holland Construction Services) Responded Fri Feb 23, 2024 at 11:08 am CST This was pertaining to the Gym not the Pool. Closing the loop. RE_Ofallon IL Community Park Gym.msg</p> | | | | | | | | | | | | | |
| Bid-5 | Missing Sheets in Construction Documents | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | Hartin, Brennan (...) | 02/18/2024 | Terry Kennedy | 03/25/2024 | 02/23/24 | | | | | |
| | <p>Terry Kennedy Sent Sun Feb 18, 2024 at 01:59 pm CST Upon entering the plans in Procore, I noticed the following discrepancies: Q: C4.2 not received S0.5.1 not listed on the index</p> | | | | | | | | | | | | | |
| | <p>A: Brennan Hartin (G&M Architects Engineers, Inc.) Responded Wed Feb 21, 2024 at 04:06 pm CST</p> | | | | | | | | | | | | | |

| # | Subject | Status | Responsible Contractor | Received From | Assignee | Date Initiated | RFI Manager | Due Date | Closed Date | Ball In Court | Location | Schedule Impact | Cost Code | Cost Impact |
|-------|---|--------|------------------------|--|-----------------------|----------------|---------------|------------|-------------|---------------|----------|-----------------|-----------|-------------|
| Bid-4 | Parapet Wall Scope Clarification | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | Hartin, Brennan (...) | 02/18/2024 | Terry Kennedy | 03/25/2024 | 02/26/24 | | | | | |
| | <p>Terry Kennedy Sent Sun Feb 18, 2024 at 01:51 pm CST Our Package 7.1 Membrane Roofing. Under Scope and Specifics, line 6- Specifies to supply and install on the back of the PARAPET wall recovery board and insulation. My question is: Who supplies and instal's the material for the INNER walls from lower to higher structure on the roof type R-1 ?</p> <p>Terry Kennedy (Holland Construction Services) Responded Mon Feb 26, 2024 at 12:26 pm CST Holland Note: Review revised scopes Carpentry, Metal Studs, and Roofing. These scopes have been revised to cover this conflict of sheathing.</p> <p>A: FGM - To provide a new detail in the addendum.</p> <p>Brennan Hartin (FGM Architects Engineers, Inc.) Responded Thu Feb 22, 2024 at 04:24 pm CST FGMA Response: We will defer to Holland CS for all scoping and bid package work related questions (whose install and coverage). In regards to the back of Parapet installation, there will be at times rigid insulation as shown in the Bid Documents, however notation and areas showing sheathing at the Back or Roof side of stud framed parapets shall be Plywood sheathing as called for in the 06 16 00 "Sheathing" Specification. Likewise, some Architectural Enlarged Details did not properly reflect this Plywood sheathing and will be revised and updated in the next Addenda.</p> <p>Brennan Hartin - FGM Architects</p> | | | | | | | | | | | | | |
| Bid-3 | Sheet Metal in Roofing Scope Clarification | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | Hartin, Brennan (...) | 02/18/2024 | Terry Kennedy | 03/25/2024 | 02/26/24 | | | | | |
| | <p>Terry Kennedy Sent Sun Feb 18, 2024 at 01:48 pm CST Bid Package 7.1. Scope and Specific Items- line 3 SHEET METAL EXCLUDED FROM THIS PACKAGE The Line 4 reads - Premanufactured Expansion Joints, Metal counter flashings, it contradicts with line 3. Clarify, Please</p> <p>A: Terry Kennedy (Holland Construction Services) Responded Mon Feb 26, 2024 at 12:25 pm CST Holland Note: Please review the revised scopes of work in Addendum #1.</p> <p>A: Brennan Hartin (FGM Architects Engineers, Inc.) Responded Thu Feb 22, 2024 at 04:26 pm CST FGMA Response: We feel this is a scoping and Bid Package related question and therefore best for Holland CS to resolve and answer completely. Brennan Hartin - FGM Architects</p> | | | | | | | | | | | | | |
| Bid-2 | Membrane Roofing at Parapet Wall | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | Hartin, Brennan (...) | 02/18/2024 | Terry Kennedy | 03/25/2024 | 02/26/24 | | | | | |
| | <p>Terry Kennedy Sent Sun Feb 18, 2024 at 01:45 pm CST Bid Package 7.1 Membrane roofing: On the parapet walls the field material must be terminated at least 12" O.C., by the Manufacturer's specification. The Drawings are showing ISO- board and gypsum cover board. With all that been said, are only option to terminate the field material is to screw trough the wall insulation and cover board to the wall metal studs, and they are 16" O.C., which is not warranted by the Manufacturer's specifics. Also, we are a not allowed to be mechanically attached to the metal deck, according to the job specifications. So, You guys might have to install a plywood on the walls instead cover board, which is probably has to go to the carpenters bid package.</p> <p>A: Terry Kennedy (Holland Construction Services) Responded Mon Feb 26, 2024 at 12:21 pm CST Holland Note: Review revised scopes Carpentry, Metal Studs, and Roofing. These scopes have been revised to cover this conflict of sheathing.</p> | | | | | | | | | | | | | |

| # | Subject | Status | Responsible Contractor | Received From | Assignee | Date Initiated | RFI Manager | Due Date | Closed Date | Ball In Court | Location | Schedule Impact | Cost Code | Cost Impact |
|---|---------|--------|------------------------|---------------|----------|----------------|-------------|----------|-------------|---------------|----------|-----------------|-----------|-------------|
|---|---------|--------|------------------------|---------------|----------|----------------|-------------|----------|-------------|---------------|----------|-----------------|-----------|-------------|

FGM - To provide a new detail in the addendum.

Brennan Hartin (FGM Architects Engineers, Inc.) Responded Wed Feb 21, 2024 at 04:54 pm CST

A: I will defer to Holland CS on all scoping and bid package coverage questions. In relation to Plywood at the rear (roofing side) parapet of Stud Framed Wall Types, the intent was in fact for Plywood to be on these parapet back or rear sides. I think many of the Wall Section Sheets were updated as such but that the components as shown and called out in A3.9 Wall Section Details (14, 11, 8, 5 on that Sheet) did not get updated. The Specification Section 06 16 00 "Sheathing" does in fact refer to Exterior Plywood Wall and Parapet & Coping Sheathing and states to be typical at rear-side of parapet vertical sheathing. The A3.9 Wall Section Details will be corrected per Addenda.

Brennan Hartin - FGM Architects

| | | | | | | | | | | | | | | |
|-------|------------------------|--------|----------------------|--|-----------------------|------------|---------------|------------|----------|--|--|--|--|--|
| Bid-1 | Food Service Equipment | Closed | Holland Construct... | Kennedy, Terry (Holland Construction Services) | Hartin, Brennan (...) | 02/18/2024 | Terry Kennedy | 03/25/2024 | 02/26/24 | | | | | |
|-------|------------------------|--------|----------------------|--|-----------------------|------------|---------------|------------|----------|--|--|--|--|--|

Q: Terry Kennedy Sent Sun Feb 18, 2024 at 01:41 pm CST
Is there a detailed spec doc for the foodservice equipment bid that details the manufacturer, model numbers etc that have been specified please?

A: Terry Kennedy (Holland Construction Services) Responded Mon Feb 26, 2024 at 12:19 pm CST
Holland Note : Please review revised scopes. Primarily Electrical, Plumbing and Carpentry in regards to the install and of items provided by the owner noted in this RFI.

Brennan Hartin (FGM Architects Engineers, Inc.) Responded Wed Feb 21, 2024 at 03:57 pm CST

A: Food Service equipment is to be an Owner purchased item and separate from this project Bid Scope and Not in this project Bid. The Concession space was designed around a planned equipment layout and items that was used for our Utility rough-ins and layout but essentially the Room is a "White Box" with utility roughs for this Project Bid. The only provided items within for this Bid are a hand sink and Three Compartment sink (and all related components) which should be specified through the Plumbing Sheets and Spec Divisions.

Brennan Hartin - FGM Architects

BID PACKAGE NO. 03 – SITE AND BUILDING CONCRETE**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 03 30 00 – Cast-in-Place Concrete
 - B. Spec 07 14 13 – Fluid-Applied Waterproofing
 - C. Spec 07 92 00 – Joint Sealants (Exterior)
 - D. Spec 32 11 23 – Aggregate Base Course
 - E. Spec 32 13 13 – Concrete Pavement and Surfacing
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
8. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
9. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
10. All construction traffic to utilize the parking/laydown areas.
11. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor.
12. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
13. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
14. Contractor to review and become familiar with the Geotechnical Report which is included as part of the specifications.
15. This Contractor to provide all safety measures, fencing, barricades, flagging, signage etc. to protect areas of excavation associated with this scope of work.
16. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
17. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.

Scope Specific Items

1. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.

2. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all items described in this Bid Package along with all additional components and accessories needed for a complete and finished system and installation in accordance with the Contract Documents.
3. The work of this bid package includes complete concrete package, including, but not limited to, foundations, site concrete, floor slabs, aprons, decks etc. The intent is that all building and site concrete work is included in this bid package, even if it is not specifically mentioned in this specification section.
4. Provide all layout, handwork, excavation, backfill and compaction, concrete forming, concrete steel reinforcement, all reinforcement accessories, curing materials, expansion joints, perimeter insulation, labor to install embeds and anchor bolts, and all other components necessary to complete the concrete foundation, flatwork, site concrete as indicated on the contract documents. Includes receiving, storing, distributing and installing all materials supplied as part of this bid package and also those items such as embeds and anchor bolts provided by others to be installed in concrete.
5. Provide all layout, handwork, vapor barrier, perimeter insulation, wire mesh, reinforcing steel, compacted rock subgrade, concrete forms, concrete, expansion joints, control and construction joints, saw cutting, sealants, finishing, curing, protection, and all other required components for the complete installation of all interior slabs on grade, and slabs on deck as indicated in the Contract Documents.
6. Include all necessary labor and material to box-out around column anchor bolt location and pour and finish concrete around steel columns once steel is set.
7. The site grading contractor will be the elevation to subgrade. This contractor will be responsible for the over-excavation and granular backfill *and membrane* at building B and pool equipment pits at building C. Sealing and water stops of foundations is included with this scope of work at the pits as shown on the construction documents.
5. Excess excavation spoils resulting from the work of this Bid Package shall be hauled by this Contractor and deposited at an on-site location determined by the Construction Manager.
6. This Contractor to include all dewatering of open excavations necessary to proceed with the work of this Bid Package.
7. All site cast in place retaining walls shall be the responsibility of this contractor. All visible walls shall be patched and rubbed. Stain walls as shown on the contract documents.
8. Refer to sheet AQ6.0 for pool equipment room slab slope requirements, equipment rooms to have a broom finish as required by IDPH.
9. Set bike racks as shown on contract documents, furnished by others.
10. Install and fill pipe bollards as shown on the contract documents, steel bollard are by others.
11. Include installation of sleeves required for steel handrails wood fence style "C". Reference architectural drawings for locations. Sleeves will be provided by others.
12. Pool footings/foundations/walls will be the responsibility of others. This contractor will be responsible for the slab on grade concrete deck at the pools. Including any work beyond the pool gutter/trough/bulkhead at the lap pool and the foundation walls at the leisure pool.
13. All joint sealants at exterior concrete decks and aprons is by this contractor.
14. This contractor will be responsible for the shade structure foundations. The structures, anchor bolts and installation of the structures will be by others.
15. Underground drainage system beneath building B and at pits for building C is included in this contract, extend piping to 5' outside building footprint.
16. This contractor is responsible for all lean concrete at stoops as shown on the construction documents.
18. Provide grouting of all steel column base plates.
19. Includes all necessary material and labor to box-out around column anchor bolt locations and pour and finish concrete infills at columns once steel is erected.
20. Provide all layout for work included in this bid package beyond the basic layout and survey requirements provided by the Construction Manager. The Construction Manager shall provide one-time building corner layout. All restaking and additional layouts required to complete the work of this bid package shall be the responsibility of this Contractor.
21. Furnish and install cure and seal to floor slab as required by the contract documents. Coordinate compatibility with painting contractor who installs final floor sealer.

22. Provide appropriate FF/FL values for concrete finish for the appropriate floor finish as indicated in the Contract Documents.
27. If concrete pumping is required, this Contractor is responsible for complete traffic control for concrete pump and trucks including cones, sigma, and flagmen as needed.
30. Anchor bolts and embeds will be provided by structural steel contractor. This Contractor to receive, inventory, unload, store, distribute, and install all embeds and anchor bolts provided by others. Anchor bolt installation tolerance shall be $\pm 1/8"$ in any direction. Provide templates to hold anchor bolts and other embedded reinforcement in place during concrete placement.
31. Includes labor and material to install barricades or other safety measures at excavations left open overnight or extended periods.
32. Includes install caps or other approved safety covers on all exposed rebar.
33. This Contractor is responsible for creating concrete washout pits, on-site, as directed by the Construction Manager. All concrete washout to be deposited in these locations. Removal of washout pit is by others.
34. This Contractor shall be responsible for all clean-up of rubbish and debris resulting from the work of this bid package. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by the Construction Manager.
35. Furnish and install all rebar and wire mesh for concrete flatwork, concrete walls, tilt-up panels as required. Includes vertical rebar dowels for masonry.
36. The finish grade of the building pad shall be within 1/10 of a foot of proposed dirt subgrade. This Contractor shall be responsible for reshaping the dirt subgrade at all areas prior to placing rock or concrete.
37. Installation of slabs on grade to be coordinated with the schedule and on-site superintendent. This contractor shall perform the work in areas and sequences as required by the Construction Manager.
38. This Contractor shall be required to provide equipment and manpower to work in multiple locations simultaneously as required by the project schedule and Construction Manager.
39. This Contractor agrees to perform the work of this bid package in the areas and sequences required by the project schedule and construction manager's superintendent.
40. Includes all required saw cutting of flatwork and installation of joint sealants/caulking per contract documents.
41. This bid package includes all specifications and notes on the plans in addition to the specification manual.
42. This Contractor understands that floor slabs will contain plumbing and electrical stub-ups and rough-ins and shall take precautions to protect previously installed work from damage due to concrete work. If damage occurs during installation of concrete work, it is the responsibility of the contractor to notify the Construction Manager.
43. Testing shall be by the Owner and coordinated through the Construction Manager.
44. Conform to all specified tolerances in accordance with Contract Documents.
45. Point and patch concrete form tie holes, "honeycombing, and otherwise required by contract documents.
46. If concrete material fails testing specified testing, subcontractors is responsible for cost of additional testing and removal and replacement of unacceptable material.
47. This contractor shall provide dumpsters for their waste
48. *Others to provide thickened slab/footing at pool washout. This contractor shall provide the deck/aprons for areas outside the thickened slab/footing.*
49. *This contractor shall include the foundation wall moisture barrier where indicated on the construction documents.*
50. This Bid Package specifically excludes the following:
 - A. Concrete testing (by Owner)
 - B. Soil testing (by Owner)
 - C. Concrete final Floor Sealer (by painting contractor)
 - D. Fencing piers
 - E. Pool foundation, pool equipment foundations

BID PACKAGE NO. 04 – MASONRY**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - B. Spec 04 22 00 – Concrete Unit Masonry
 - C. Spec 04 72 00 – Cast Stone Masonry
 - D. Spec 07 27 26 – Fluid Applied Membrane Air Barriers
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
7. This contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
8. All construction traffic to utilize the parking/laydown areas.
9. All rubbish and debris generated by this contractor shall be placed in dumpsters provided by this contractor.
10. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
11. Contractor to assist in coordination of testing (by Owner) required by this scope of work.
12. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
13. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.

Scope Specific Items

1. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
2. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all items described in this Bid Package along with all additional components and accessories needed for a complete and finished system and installation in accordance with the Contract Documents.
3. This bid package includes all labor, material, tools and equipment to furnish and install all concrete masonry units, veneer block units, cast stone veneers, cavity wall insulation, mortar, masonry joint reinforcement, ties and anchors, reinforcing steel, embedded metal flashing, compressible fillers, wicks, cavity drainage, temporary wind bracing and cold weather protection to provide a complete exterior masonry system, structural masonry and interior masonry in accordance with the plans and specifications.
4. Furnish and install all thru-wall flashing and weeps.

5. Provide all washing and cleaning of masonry. Includes all temporary protection of masonry work.
6. Provide all miscellaneous masonry accessories.
7. Provide all masonry expansion joints as required and/or indicated on the drawings.
8. Provide necessary labor and material to patch masonry around all wall penetrations.
9. ~~Provide and install all rigid board cavity insulation, thermal and air barrier membrane at masonry walls where indicated. It is the intent that this contractor installs the fluid applied moisture/air barrier and rigid cavity insulation that attaches to masonry.~~
10. *This contractor shall provide the fluid applied air barrier for the entire project as specified. Multiple mobilizations will be required.*
11. *This contractor is responsible for the rigid board cavity insulation that is applied to masonry only.*
12. This contractor to ensure top of wall bracing indicated on the structural drawings is completed. This contractor to set embedded items provided by others. Structural steel contractor to furnish and weld.
13. All lintels in masonry openings and not welded to framing will be furnished by the Structural Steel Contractor and installed by the Masonry Contractor. Structural Steel Contractor will furnish and install all lintels welded to framing.
14. Provide mock-ups as indicated to demonstrate full-size qualities of materials, workmanship, and aesthetic effects. The on-site location for the mock-up panels shall be as directed by the Construction Manager.
15. Install all sleeves, embeds, reglets, and shelf angles furnished by others.
16. This contractor to furnish, drill and epoxy all dowels into foundations as required for this work.
17. Provide caulking of all masonry joints, masonry to steel joints, and at all locations where masonry abuts other material. This includes any backer rod.
18. Provide all required scaffolding and planking and other means to access the work to be performed in this Bid Category.
19. Supply and install stone cap at retaining walls as shown on the contract documents.
20. All visible corners shall be ground/sealed at production facility, not in the field.
21. Furnish and install all temporary bracing of masonry construction in accordance with OSHA and the masonry institute.
22. It is this Contractor's responsibility to verify masonry quantities and place Contractor's purchase order.
23. This contractor is responsible for all bucks/temporary bracing required at all openings as needed to temporarily support masonry at openings.
24. This Contractor shall receive, unload, inventory, store, and install all embeds, sleeves, shelf angles, hoist beams, access doors, and all other items furnished by another trade for installation by this Contractor.
25. This Contractor shall include all grouting of masonry to adjacent surfaces, including but not limited to beam pockets, existing finishes, etc.
26. This Contractor shall provide clean-up for this work, including broom clean areas, and dispose of all debris daily into dumpsters or trucks provided by this Contractor.
27. Once scaffolding system is removed from an area, remove all masonry debris from grade and redress grades to their original elevation and condition. Includes all temporary roads, grades and building structures affected by mortar mixers, lulls, scaffolding and any other masonry equipment.
28. Include labor and material to patch masonry around all mechanical, electrical, plumbing and fire protection items.
29. ~~Grout and/or insulate all hollow metal frames adjacent to masonry.~~
30. This contractor understands that sequencing of steel erection and other trades will dictate work areas. Areas of the building will need to be left out for access.
31. This contractor is responsible for daily protection of its walls to prevent rain or any water from entering the wall system or cavity.
32. The masonry contractor shall provide all layout for this work. Includes layout for wall openings, penetrations, and coordination of other trades.
33. Provide all grouting of block in accordance with the construction documents.
34. This contractor understands multiple sequences may be involved at each building due to masonry bearing conditions.
35. This contractor shall provide dumpsters for their waste
36. *Provide mock up as shown on the contract documents*

37. *All penetrations through fluid applied air barrier shall be sealed per manufacturer's recommendations.*

BID PACKAGE NO. 05 – STRUCTURAL STEEL & MISCELLANEOUS STEEL**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 05 12 00 – Structural Steel Framing
 - B. Spec 05 21 00 – Steel Joist Framing
 - C. Spec 05 31 00 – Steel Decking
 - D. Spec 05 50 00 – Metal Fabrications
 - E. Spec 05 52 13 – Pipe and Tube Railings
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. Engineered layout will be the responsibility of the Owner.
7. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
8. This contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
9. All construction traffic to utilize the parking/laydown areas.
10. All rubbish and debris generated by this contractor shall be placed in dumpsters provided by this contractor.
11. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
12. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
13. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
14. This Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.
15. This Contractor shall include time and materials for any BIM coordination and/or 3D modeling as required for this project.
 - B. In addition to 2D design and shop drawings, the Contractor will provide 3D shop drawings for review and coordination with other contractors for structural steel joists. These 3D shop drawings will be provided at the time of 2D shop drawing submittal and again after review and finalization of fabrication drawings. 3D shop drawing shall be provided in the .dwg / AutoCAD format or .ifc format, this file can be exported from native authoring software programs. 3D shop drawings shall include: All primary steel members (columns, beams, joists, and trusses) and secondary steel members (brace frames, X-bracing, support angels, lintels, gusset plates, braces, kickers, connections). Items will be modeled to fabrication size. This will include steel and steel joist 3D

shop drawing models with fabrication web patterns. This also includes modeling and coordination requirements per the BIM Execution Plan.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
3. This bid package includes all labor, material, tools and equipment to furnish and install all structural steel columns, beams, joists, girders, metal roof deck, all connections, shelf angles, edge angles, structural bracing, nelson studs, steel plates, bent steel plates, angles, channels, angle braces and kickers, gussets, base plates, tube steel, anchor bolts, connection bolts and all other accessories and components for a complete steel package in accordance with the Contract Documents.
4. The intent is that the Contractor for this bid package provides and installs a complete steel, miscellaneous steel, joist, and deck package as shown and specified.
5. This contractor is responsible for supply and installation of all handrails at amphitheater and handrail/pit ladders and chains at pool equipment pits. Provide concrete sleeves for handrail at least one week prior to anticipated concrete pours. Ornamental fencing at amphitheater is by others.
6. This Contractor shall comply with all specified requirements. Conform to all quality assurance requirements except testing. The testing agency shall be engaged by the Owner.
7. This Contractor shall expedite the shop drawings upon award of the contract. This Contractor shall submit shop drawings in sequence and for the areas required by the project schedule and as coordinated with the Construction Manager.
8. This Contractor shall be prepared to provide sufficient manpower, equipment, and material to erect structural steel systems in multiple areas simultaneously as required by the project schedule and coordinated with the Construction Manager. The Contractor agrees to erect steel in more than one building area at the same time as dictated by the schedule.
9. Provide anchor bolts, embeds, loose steel bearing/leveling plates, loose angles and lintels, shelf angles, templates, setting diagrams, and layout drawings for installation and coordination by other trades.
10. This contractor shall supply and install all plates, angles that are attached to the masonry walls, including fasteners.
11. Verify on-site, the installation of the anchor bolts and embeds four weeks prior to the start of steel erection.
12. Provide all joist and deck angle bearing plates at CMU walls as shown on the contract documents.
13. Provide all concrete embed angles at pool equipment pits.
14. Provide all anchors at top of masonry walls as shown on the contract documents.
15. Provide *and install* galvanized serrated metal grate at pool equipment pit as shown on the contract documents.
16. Provide metal bollards, installation is by others.
17. Exterior columns *and portions of the joist/deck* to be galvanized according to the contract documents.
18. Furnish and install support angles and plates at top of metal stud and masonry walls per bracing details. Coordinate installation of these angles with the appropriate contractor.
19. This Contractor is responsible for the safe delivery, storage and protection of materials on-site as related to this bid package.
20. Provide all required layout for the work of this bid package. This Contractor shall take all necessary field measurements to verify the fit of this work to that of other contractors prior to the start of field erection.
21. Provide shop primer on steel per Contract Documents.
22. Coordinate the work of this contract with the work of other trades performing adjacent work.
23. This Contractor shall furnish and install all steel supports and framing for roof top mechanical equipment that are required. Coordinate with Mechanical Contractor.
24. This Contractor shall ensure that any metal deck that is temporarily installed overnight or on weekends is

- properly fastened down to the frame so that it will not blow off the building. Loose panels of metal decking shall not be left overnight or over a weekend without being fastened down.
25. This Contractor shall provide all web shear plates and stiffeners for beams, columns or joists that are required but not specifically shown.
 26. All remedial work associated with failed test results, inspections, incorrect layout, and mis-fabrication shall be the responsibility of this Contractor including the cost of retesting.
 27. The metal deck, structural steel, and joists must be free from oil, dirt and debris resulting from fabrication or installation and ready to accept finish paint where paint is scheduled. Cleaning of steel, deck and joists of mud, oil and debris resulting from fabrication, storage or erection is the responsibility of this Contractor.
 28. Provide all required generators and welders required for this work. This Contractor shall be responsible for its own temporary power requirements.
 29. Contractor to review the preliminary project schedule and understand and comply with the general sequencing and phasing of the project.
 30. This Contractor shall be responsible for all clean-up of rubbish and debris associated with the work of this bid package. All debris and rubbish to be placed by this Contractor in dumpsters. Dumpsters provided by Owner.
 31. Contractor to review load information for mechanical units, athletic equipment and other structure mounted systems and provide shop drawings and structural components accordingly.
 32. Includes all specifications and notes indicated on the plans in addition to the specification booklet.
 33. Furnish and install all diagonal braces and connections as indicated.
 34. Contractor shall be responsible for all typical details shown on the plans.
 35. Furnish all steel lintels. Lintels welded to framing are to be installed by this Contractor. All loose lintels to be installed by Masonry Contractor.
 36. This contractor to provide necessary temporary bracing and shoring as required.
 37. This contractor shall provide dumpsters for their waste.
 38. *This contractor shall provide and install the rails/supports for the coiling doors.*

BID PACKAGE NO. 06 – CARPENTRY, ALUMINUM STOREFRONT/GLASS AND GLAZING**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 06 06 60 – Plastic Fabrications
 - B. Spec 06 10 53 – Miscellaneous Rough Carpentry
 - C. Spec 06 16 00 – Sheathing
 - D. Spec 06 41 16 – Plastic Laminate Faced Architectural Cabinets
 - E. Spec 06 64 00 – Plastic Paneling
 - F. Spec 07 92 00 – Joint Sealants
 - G. Spec 07 95 00 – Expansion Control
 - H. Spec 08 11 13 – Hollow Metal Doors and Frames
 - I. Spec 08 14 16 – Flush Wood Doors
 - J. Spec 08 31 13 – Access Doors and Frames
 - K. Spec 08 33 26 – Overhead Coiling Grilles
 - L. Spec 08 41 13 – Aluminum – Framed Entrances and Storefronts
 - M. Spec 08 44 13 – Glazed Aluminum Curtain Walls
 - N. Spec 08 42 00 – Fiberglass Reinforced Polyester Doors
 - O. Spec 08 71 00 – Door Hardware
 - P. Spec 08 80 00 – Glazing
 - Q. Spec 09 84 00 – Acoustic Wall Panels
 - R. Spec 09 84 33 – Acoustic Tack Panels
 - S. Spec 10 12 00 – Display Case
 - T. Spec 10 14 16 – Plaques
 - U. Spec 10 14 19 – Signage (Interior and Exterior)
 - V. Spec 10 21 13 – Toilet Compartments
 - W. Spec 10 26 00 – Wall Protection
 - X. Spec 10 28 00 – Toilet, Bath, and Laundry Accessories
 - Y. Spec 10 44 13 – Fire Extinguishers, Cabinets, and Accessories
 - Z. Spec 10 51 13 – Plastic Lockers
 - AA. Spec 12 24 13 – Roller Window Shades
 - BB. Spec 12 36 16 – Metal Countertops
 - CC. Spec 12 36 61.16 – Solid Surfacing Countertops
 - DD. Spec 12 93 13 – Bicycle Racks
 - EE. Spec 32 31 19 – Decorative Metal Fences and Gates
 - FF. Spec 32 84 01 – Rope, Net, Bollard Barriers
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each

- Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. Engineered layout will be the responsibility of the Owner.
 7. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
 8. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
 9. All construction traffic to utilize the parking/laydown areas.
 10. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
 11. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
 12. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
 13. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
 14. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.
 15. This Contractor shall include time and materials for any BIM coordination and/or 3D modeling as required for this project.

Scope Specific Items

1. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
2. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all items described in this Bid Package along with all additional components and accessories needed for a complete and finished system and installation in accordance with the Contract Documents.
3. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install window treatments in accordance with the Contract Documents.
 - A. Field measuring should take place before manufacturing of window treatments.
 - B. Furnish and install all mounting brackets, hardware, and accessories for a complete installation.
 - C. Include selected colors and appropriate finishes as selected by the design team.
4. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install visual display board, toilet compartments, wall & corner guards, signage, lockers, benches, fire protection specialties, toilet accessories, etc. in accordance with the Contract Documents.
 - A. Provide all mounting hardware, adhesives, and sealants for a complete specialties' installation.
 - B. Provide all accessories as indicated in the Contract Documents and accessory schedule.
 - C. Provide all locations of needed in-wall blocking and/or strapping prior to closing of walls. If blocking is not installed at correct locations as provided by this Contractor, all associated cost will be under the responsibility of this Contractor.
 - D. Provide a final dusting and cleaning of all specialties inside and out as applicable at completion of installation.
 - E. All imperfections in substrate must be brought to the attention of the Construction Manager prior to commencing work. If work is started without notification given to the Construction Manager, all imperfections will be remedied by this Contractor.
5. Furnish and install ornamental fencing and gates per the contract documents per contract documents. This shall include all fasteners and underground piers required for a complete system.
6. Supply and install the Knox box, coordinate requirements with local Fire Marshall.

7. This contractor is responsible for the following specialty items:
 - A. All acrylic resin panels, tracks, anchors, trims, etc.
 - B. Glass front display cases, shelves, doors, trims, tracks, etc.
 - C. All tack and marker boards
8. ~~This contractor is responsible for all food service equipment as indicated in the foodservice equipment schedule and noted below:
 - A. ~~Furnish and install all food service equipment, storage equipment, serving equipment and all other components necessary to provide a complete and total food service system in accordance with the construction documents and compatible with all other building components.~~
 - B. ~~Final mechanical, electrical and plumbing hook-ups to be completed as indicated on the Food Service and MEP drawings. Coordination notes provided on both MEP and FSE drawings are part of this package.~~
 - C. ~~This Contractor shall provide additional cleaning and touch-up of all food service equipment as required for the final Owner's inspection.~~
 - D. ~~Set all equipment in final location for connections by the plumbing, HVAC and electrical contractors as indicated on the Food Service and MEP drawings.~~~~
9. *This contractor is responsible to unpack and set and level all food service equipment not claimed by another trade.*
10. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all aluminum framed entrances, storefronts, door sidelights, storefront framing, framing and fixed window frames, curtain walls, pass through ticket window, concession single hung windows, glass and glazing in accordance with the Contract Documents.
 - A. Includes all shims, leveling channels, sub sills, steel reinforcement, anchors, spacers, setting blocks, and steel supporting members to ensure a complete aluminum window and entrance system.
 - B. Includes all necessary trim, closure pieces, painted / anodized extrusions, associated break metals, caps, end dams, gaskets, drilling, flashings, weather stripping, sill sweep strips for a complete and finished aluminum frame system, including flashing over exterior finishes at sill and head locations.
 - C. Provide all interior and exterior caulking to adjacent materials of aluminum frames as indicated.
 - D. Provide batt insulation around all aluminum frames to eliminate voids between aluminum frame and framed openings to prevent air infiltration.
 - E. Set sill materials and other materials in bed of sealant as indicated, or with joint fillers or gaskets as indicated to provide weather-tight construction. Comply with requirements of Division 7 specifications for sealant, fillers, and gaskets.
 - F. All sealants around perimeters of all glazing systems and as required withing the system. This includes double layers caulking with backer rod at exterior faces and aesthetic caulking of window interiors. Caulking color as approved by architect.
 - G. Supply and install all mirrors as required.
 - H. Provide all interior glass, tempered glass, glazing, vision lites, tempering, per the contract documents.
 - I. Remove all decals and protective spacers after installation of all materials included in this bid package.
 - J. Supply and install Window Film, WF-1
 - K. Provide cleaning of exterior glazing at completion of work and prior to substantial completion.
11. Provide all interior and exterior wall layouts for metal stud and masonry partitions. Includes door and window openings.
12. Furnish bike racks as shown on contract documents, installed by others.
13. Provide all wood blocking and nailers related to completing the exterior building enclosure and roofing (*including plywood at roofing termination bars*) in accordance with the construction documents. Including but not limited to blocking required for rooftop curbs, parapets, roof scuppers, roof expansion joints, fascia, soffits, and all other roof blocking, telephone boards, windows, doors, aluminum storefront systems. Anchors for these systems is by this contractor.

14. Provide all wood blocking and nailers required to complete the installation of all items included in this Bid Package in accordance with the construction documents.
15. Provide all blocking for casework, TV/monitors, and millwork whether furnished with this Bid Package or furnished by others.
16. Provide all manufactured casework, custom casework, metal countertops, millwork, fasteners, countertops, hardware, trim, accessories, and all other building components necessary to provide a complete and total casework and millwork system in accordance with the construction documents.
 - A. *Interior solid surface tops and windowsills are included with this work,*
 - B. Includes steel brackets, supports, angles, etc. for casework & millwork.
 - C. Install/Cut all openings for sinks, fixtures, soap dispensers, and all other items to be mounted in all countertops.
17. Perform all touch up, staining, varnishing, filling nail holes, sanding, patching imperfections in the wood as needed for a complete installation.
18. Provide all filler and end panels as required for a complete millwork system. Scribe panels for a tight fit to adjacent work. Sealants (caulk) between the work of this subcontract and adjacent surfaces if needed, whether or not indicated by the contract documents.
- ~~19.~~ Clean installed work. Protect and cover stored and installed work from surrounding trades during and after installation. Remove and dispose of debris associated with subcontract work. ~~Final clean by others.~~
20. This Contractor is responsible for caulking installed items under this scope if the items if the last finished product to be installed prior to or after painting.
21. This Contractor will verify that joints are ready to receive work before commencing.
22. Furnish and install all overhead sliding doors, hollow metal, bi-folding doors, FRP doors, hollow metal frames, borrow/side light frames, wood doors, metal doors, and door hardware and all other building components necessary to provide a complete and total doors, frames, and hardware system in accordance with the construction documents.
 - A. Fully prepare all jambs for surface mounted hardware, closers, coordinators etc. and all frames for installation in wall types indicated, and all clips, fasteners, exit devices, flat goods, weather stripping, stops, and all other components and accessories for a complete door hardware package as indicated in the Contract Documents
 - ~~B.~~ This Contractor to furnish all door hardware, *including equipment necessary for access controls. including hardware for aluminum door system and battery powered 4-digit lockets. This Contractor to distribute aluminum door hardware to Bid Package No. 10 Contractor for installation. Auto door operators are to be provided by this contractor.*
 - C. Ensure compliance with all ADA handicap provision requirements per the authorities having jurisdiction.
 - D. Furnish all glazing stops and anchors for doors and frames. (Sidelights and windows in Hollow Metal Frames).
 - E. Furnish temporary/permanent cores and keying as designated by Holland. Temporary construction cores and keys will be returned at final completion.
 - F. This Contractor will make every effort to incorporate all items on the drawings that can be reasonably inferred whether they are specifically called out or not.
 - G. All grouting and/or insulation as required of door frames placed in an opening other than masonry is by the drywall contractor. Provide all necessary bracing to keep the door frame from buckling or warping.
23. Provide FRP, Fiberglass Acoustic Wall Panels and Corner Guards as indicated on the Contract Documents.
24. Include furnishing, maintaining and removal or all temporary fire extinguishers required for this project in compliance with code requirements.
25. Include final cleanup for the entire footprint of the project site. This will include cleaning of all exterior windows, storefronts, casework, flooring, and curtain walls. This also includes power washing of sidewalks.
26. The contractor will be responsible to furnish and install the lockers as shown on the contract documents, including any blocking required for the lockers.
27. This contractor is responsible for all building signage, including the exterior signage mounted to the

- building(s) and the interior signage depicted by the signage plans and details.
28. Installation of owner furnished shade structures, concrete is by bid package #3.
 29. This contractor is responsible to supply and install the rope barrier, including the bollards and signage.
 30. Coordinate layout with the mason and drywall contractors to ensure proper rough opening dimensions.
 31. Unload, stage, inventory, and secure all material that this subcontractor will be installing. This Contractor shall be responsible for keeping track of all materials to be installed.
 32. Provide protection of adjacent materials and surfaces from damage due to the installation of the items described in this bid package. Including clean-up, removal, and repair of damage or defacing of other trades' work.
 33. Rework of any materials in this Bid Package section due to late shop drawings, this Contractor is responsible for any associated costs.
 34. *Provide mock up as shown on the contract documents.*
 35. *This contractor is responsible for supply and installation of the expansion joints as detailed in the construction documents.*
 36. *This contractor is to supply and install the AED cabinet/equipment as specified.*

BID PACKAGE NO. 7.1 – Membrane Roofing**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 07 21 00 – Thermal Insulation
 - B. Spec 07 53 23 – EPDM Single-Ply Membrane Roofing
 - C. Spec 07 71 00 – Roof Specialties
 - D. Spec 07 72 00 – Roof Accessories
 - E. Spec 07 92 00 – Joint Sealants (Exterior/Roof)
 - F. Spec 07 95 00 – Expansion Control
1. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
2. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
3. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
4. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
5. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
6. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
7. All construction traffic to utilize the parking/laydown areas.
8. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
9. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
10. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
11. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
12. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.

Scope Specific Items

1. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
2. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install membrane roofing, roof insulation (tapered and non-tapered), walkway pads, flashing, counterflashing, metal termination bars, expansion joint materials, joint sealants, gaskets, fillers, cover board, roof edging, and

- other materials needed for a complete weather tight system in accordance with the Contract Documents.
3. ~~Sheet metal is excluded from this contract.~~
 4. *Aluminum siding and soffits, downspouts/gutters and scuppers are excluded from this contract.*
 5. This contractor shall be responsible for the insulation below the membrane, termination bar, expansion joint and flashing/counterflashing at the parapet locations as shown on the contract documents.
 6. Provide insulation foam to form crickets as indicated in the Contract Documents to achieve the required slope. Ensure that all roof systems drain properly.
 7. Supply and install all back of parapet wall recovery board and insulation.
 8. This contractor shall be responsible to supply and install the batt insulation in the top of the walls as shown on details 5/A3.10 and 5/A3.11 at the parapet walls, just prior to roofing.
 9. Provide any component required to obtain the specified warranties shall be included in this Contractor's base bid. This is inclusive of any NDL (No Dollar Limit) warranties applicable to the roofing system.
 10. Provide all flashing, insulation, and roofing materials to complete the watertight installation around all roof penetrations including penetrations that are required by all trades, but not shown on the Contract Documents, and at all prefabricated roof equipment curbs furnished by others.
 11. Provide for a smooth transition at all tie-in locations as it relates to this Bid Package. Include any and all caulking at areas where finished products of this scope abut previously finished items.
 12. Provide all necessary weather protection as required to guard insulation and roofing work from any damage during installation.
 13. This Contractor shall be prepared to provide sufficient manpower, equipment, and material to install roofing systems in multiple areas simultaneously as required by the Construction Manager. The Contractor agrees to install multiple systems in multiple building areas at the same time as dictated by the schedule. Multiple mobilizations may be required to install work in coordination with other trades.

BID PACKAGE NO. 7.2 – Sheet Metal and Aluminum Siding**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 07 42 10.11 – Composite Metal Hybrid (CMH) Sub Framing System
 - B. Spec 07 46 16 – Aluminum Siding and Soffit Panels
 - C. Spec 07 62 00 – Sheet Metal Flashing and Trim
 - D. Spec 07 71 23.13 - Manufactured Downspout Boots
 - E. Spec 07 92 00 – Joint Sealants (Exterior/Roof)
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
7. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
8. All construction traffic to utilize the parking/laydown areas.
9. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
10. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
11. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
12. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.

Scope Specific Items

1. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
2. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install sheet metal fascia, soffit, gutters, scuppers, downspout, and pre-finished break metal in accordance with the Contract Documents.
3. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all aluminum panel siding and soffit in accordance with the Contract Documents, including any and all sub-framing systems.
4. Furnish and install downspout connection components per the documents in coordination with Storm

- Sewer Contractor. The intent for this contractor is to include the cast transition boots at the PVC to the downspout, as it needs to be coordinated with the shape of the downspouts.
5. Furnish and install all splash blocks, precast at ground level and pre-finished metal on roof.
 6. Provide any component required to obtain the specified warranties shall be included in this Contractor's base bid.
 7. This Contractor shall be prepared to provide sufficient manpower, equipment, and material to install sheet metal, gutter, scupper, and downspouts systems in multiple areas simultaneously as required by the Construction Manager. The Contractor agrees to install multiple systems in multiple building areas at the same time as dictated by the schedule.
 8. Provide for a smooth transition at all tie-in locations as it relates to this Bid Package. Include any and all caulking at areas where finished products of this scope abut previously finished items.
 9. Provide all necessary weather protection as required to guard all work under this Bid Package work from any damage during installation.
 10. *Provide mock up as shown on the contract documents.*
 11. *All penetrations through fluid applied air barrier shall be sealed per manufacturer's recommendations.*

BID PACKAGE NO. 9.1 – Metal Studs / Drywall/ Acoustical Ceilings**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 05 40 00 – Cold Formed Metal Framing
 - B. Spec 07 21 00 – Thermal Insulation
 - C. Spec 07 24 19 – Water-Drainage Exterior Insulation and Finish System (EIFS)
 - D. Spec 07 24 21 – Direct Applied Exterior Finish System (DEFS)
 - E. Spec 07 27 26 – Fluid-Applied Membrane Air Barriers
 - F. Spec 07 92 00 – Joint Sealants
 - G. Spec 07 95 00 – Expansion Control
 - H. Spec 09 22 16 – Non-Structural Metal Framing
 - I. Spec 09 29 00 – Gypsum Board
 - J. Spec 09 51 13 – Acoustical Panel Ceilings
 - K. Spec 09 84 36 – Ceiling Sound Diffuser Units
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. Engineered layout will be the responsibility of the Owner.
7. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
8. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
9. All construction traffic to utilize the parking/laydown areas.
10. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
11. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
12. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
13. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
14. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.
15. This Contractor shall include time and materials for any BIM coordination and/or 3D modeling as required for this project.

Scope Specific Items

1. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
2. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all items described in this Bid Package along with all additional components and accessories needed for a complete and finished system and installation in accordance with the Contract Documents.
3. Furnish and install all exterior metal studs, structural metal studs, clips, angles, layout, bracing, furring channels, exterior sheathing, shaft wall assemblies, anchors, seismic reinforcing, sealants, insulation, expansion joints, vapor/air barrier, drywall, glass mat, exterior wall sheathing, metal trim, and all other components required for a complete exterior wall framing system in accordance with the construction documents and compatible with all other building components.
 - A. This scope of work shall include the horizontal glass mat sheathing at the exterior vertical parapet walls whether it is below the EIFS system or the membrane roofing.
4. Provide and install all rigid board cavity insulation, ~~thermal and air barrier wall system~~ at metal stud walls where indicated. It is the intent that this contractor installs the ~~fluid applied moisture/air barrier and rigid cavity insulation that attaches to the metal studs.~~
5. *The fluid applied air barrier is provided by others, this contractor shall coordinate the work with the mason.*
6. *All penetrations through fluid applied air barrier shall be sealed per manufacturer's recommendations.*
7. This contractor shall include any welding of metal studs as required as noted on the contract documents.
8. Furnish and install all interior metal studs, clips, bracing, layout, gypsum board, control joints, slip track, seismic reinforcing, vapor barrier, sound batts, insulation, taping, finishing, anchors, plaster, caulking, metal trims and all other components required for a complete interior partition and ceiling system in accordance with the construction documents and compatible with all other building components.
9. Furnish and install all acoustical ceiling grid, pad, splay wires, layout, structural supports, expansion joints, seismic reinforcing, caulking, and all other components required for a complete and total acoustical ceiling system in accordance with the construction documents and compatible with all other building components.
10. Furnish and install acoustical ceiling baffles ACB-1, ACB-2.
11. Furnish and install all exterior insulation finish systems and direct applied exterior finish systems as noted in the construction documents.
 - A. All flashings and subflashings as required by the contract documents shall be included with this scope of work.
12. Furnish and install all caulking of adjacent drywall and acoustical surfaces. Where drywall interfaces with masonry, the drywall contractor will be responsible for caulking.
13. This Contractor to provide layout of work in this package including, but not limited to ~~partitions,~~ acoustical ceilings, ~~interior and exterior door opening framing,~~ soffit/bulkhead framing and interior and exterior window opening framing as required.
14. Furnish and Install all required access panels in building components included in this scope of work.
15. Furnish and install all insulation for all items with this package including, but not limited to all insulation between metal deck and partitions.
16. Temporary lighting will be available per the construction documents; any additional lighting required for this work would be this Contractor's responsibility.
17. Includes all wall, floor and roof sleeves as required for work included in this Bid Package.
18. Furnish and install thermal and air barrier wall system to metal stud framing systems per contract documents. It is the intent that this contractor installs the rigid insulation that attaches to metal stud framing and Bid Package No. 5 will provide and install where it attaches to masonry, regardless of exterior material finish. All spray foam is by this contractor, including top of metal studs, soffit areas and top of CMU walls.
19. ~~Furnish and install grout/insulation in all hollow metal frames located in metal stud partitions per contract documents. See hollow metal frame details. Grouting of frames in masonry openings is by the masonry~~

- ~~contractor.~~
20. *This contractor to grout all hollow metal frame with closed cell insulation per the contract documents.*
 21. Furnish and install structural bracing in metal stud walls per contract documents. Any welding of metal studs is the responsibility of this contractor.
 22. This contractor is responsible for the glass mat gypsum sheeting at the backside of the parapets, above the roof as shown on the contract documents.
 23. Prior to installation of ceiling grid and/or ceiling framing, coordinate with all trades the layout of above ceiling items to avoid interference and to confirm location of all ceiling items. Review all drawings including MEP and FP. Includes layout necessary for mechanical ceiling cassettes.
 24. Includes all mold and moisture resistant, type-x, and all other specialty gypsum board as indicated in the Contract Documents for all interior partitions.
 25. Includes wall and ceilings of all header walls, hanging walls, light coves, and all other features constructed of light gauge metal studs or wood framing as indicated in the Contract Documents.
 26. Includes all specialty furring and framed openings required by the documents for recessed equipment, aluminum framed openings, operable partitions, and difference in finish thicknesses. Coordinate with all applicable trades to maintain STC rated assemblies.
 27. Includes building a section of exterior sheathing system as an in-place mockup, working mockup for review 2 weeks prior to proceeding with exterior wall work.
 28. This Contractor to provide frame penetrations for other trades from trades layout prior to framing commencing, as coordinated.
 29. Install all fire extinguisher cabinet framing to ensure wall system fire rated integrity where applicable.
 30. All cold formed metal framing, as indicated under division 054000, shall have shop drawings designed by a licensed Structural Engineer registered in the State of Illinois. This is primarily exterior wall framing but could include some limited interior framing that exceeds height or span limitations of the Division 09 non-structural framing or gyp assembly spec sections.
 31. Includes walls and ceilings of all specialty furring and framed openings required by the documents for recessed equipment, operable partitions, and difference in finish thicknesses. Coordinate with all applicable trades to maintain STC rated assemblies.
 32. Includes all drywall reveals and other trim accessories associated with the drywall system as indicated in the Contract documents. Drywall trim includes but is not limited to corner beads, L-bead, J-mold.
 33. Provide all gypsum board around the perimeter of penetrations and behind boxes containing wiring devices, elevator call buttons, elevator floor indicators, and similar items in shaft wall and other light gauge metal framed partitions as indicated in the Contract Documents.
 34. Provide all control joints as indicated in the Contract Documents and the Gypsum Association's "The Standard Specification of Applying and Finishing of Gypsum Board GA-216." As part of the submittal package for this Bid Package a submittal showing how expansion and control joints will be placed is required.
 35. Drywall will be held 1/4 inches above concrete and gypcrete slabs. Void filled with fire or acoustical caulking as appropriate.
 36. Include coordination with other trades as applicable for this scope of work.
 37. *Provide mockup as shown on the contract documents.*
 38. *This contractor is responsible for the long leg runner system and any other ceiling transition as identified in the construction documents.*
 39. *This contractor shall be responsible for any in wall metal blocking. Wood blocking is by others.*
 40. *This contractor shall be responsible for all fiberglass sheathing at the parapet walls as detailed in the construction documents.*

BID PACKAGE NO. 9.3 – Flooring – Resilient, Carpet and Ceramic Tile**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 09 05 61.13 – Moisture Vapor Emission Control
 - B. Spec 09 30 13 – Ceramic Tiling
 - C. Spec 09 65 13 – Resilient Base and Accessories
 - D. Spec 09 65 20 – Luxury Vinyl Tile Flooring
 - E. Spec 09 68 13 – Tile Carpeting
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
7. All construction traffic to utilize the parking/laydown areas.
8. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
9. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
10. Provide all layout required for this package, beyond the scope of work as outlined in contract documents.
11. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
12. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
3. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install luxury vinyl tile, carpet tile, vinyl base, porcelain tile, transitions, sealants, along with all other components necessary to provide a complete flooring system in accordance with the Contract Documents.
4. This Contractor shall make preliminary trips to the jobsite within fourteen (14) days of the concrete slab installations to check the floor for levelness and provide a report and marking of areas for correction within seven (7) days thereafter.
5. All imperfections in the substrate must be brought to the attention of the Construction Manager prior to

- commencing work. If work is started without notification to the Construction Manager, all imperfections will be remedied by this Contractor.
6. Provide all final broom clean prior to installation of materials and utilize a "clean sweep" floor product to final sweep. This Contractor shall scrape out all saw joints of debris and patch in accordance with the Contract Documents.
 7. Provide all floor prep and minor floor patching as required.
 8. This contractor is responsible for all flooring transitions and transition details with this scope of work.
 9. Maintain dye lots integrity on all carpet tile installation. Do not mix dye lots in same area.
 10. Prior to installation of tile, tile layout for each type of tile must be confirmed by the Construction Manager and approved by the architect.
 11. Provide all waterproofing membranes at wet wall and floor locations as indicated in the Contract Documents for tile work.
 12. Provide all epoxy, stain-proof grout and/or grout sealant as indicated in the Contract Documents.
 13. Supply and install all crack control membranes at control joints for all porcelain floors.
 14. Includes caulking of all tile joints per Tile Council of America recommendations, including flooring at inside wall corners.
 15. Provide all layout associated with this work.
 16. Provide flooring protection at all carpet tile areas, main walkways and bathrooms using ram board fully taping all joints and edges.
 17. Furnish attic stock as indicated in the Contract documents.
 18. *All transition trims as shown in the contract documents are included in this scope of work.*

BID PACKAGE NO. 9.4 – Painting / Coatings**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 09 91 23 – Interior and Exterior Painting
 - B. Spec 07 92 00 – Joint Sealants
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
7. All construction traffic to utilize the parking/laydown areas.
8. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
9. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
10. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
3. This Contractor shall provide all labor, materials, tools and equipment to furnish and install all interior and exterior paintings and coatings, in accordance with the Contract Documents.
4. Includes all surface preparations as required by manufactures recommendations. Proceeding with your work in an area constitutes acceptance of the surfaces to be painted. Notify the Construction Manager in writing of any areas or surfaces which are unacceptable. Minor paint touch-up of walls, door frames, doors, etc. is assumed to be part of this contract.
5. Provide painting of electrical work, fire protection system, plumbing and mechanical equipment and systems as indicated in the contract documents. Data/Low Voltage cabling, MEPFP labeling, etc. for designation purposes WILL NOT be painted.
6. Paint exposed structural steel, miscellaneous metal, steel, bollards, interior gates and handrail, and exterior gas piping as indicated in the Contract Documents.
7. Paint all hollow metal doors and frames as indicated in the Contract documents. Filling countersunk "punch and dimple" screw holes and minor defects in hollow metal work prior to painting.

8. Provide all sealants at door frames, side lite, interior window and other frame perimeters, and adjacent surfaces at gypsum wall board. Exterior-side sealants at windows and doors by others.
9. Paint all exterior steel/columns as noted on the construction documents.
10. Paint floor slab edge angle and handrail/guards at pool equipment pits
11. Paint plywood backboards at equipment rooms.
12. This contractor shall include prime and the first coat of paint as one mobilization. Finished products will be put in place and final finish coat of paint will be applied just prior to turnover.
13. Includes all additional paint where undercoats, stains or other materials show through the final finish coat.
14. For surfaces to be painted, any accessory or equipment including, but not limited to, thermostats, hardware, wall switch and outlet covers, visual display boards, etc. provide finish painting prior to the installation of these items or this contractor shall remove and reinstall as required or provide adequate protection.
15. This Contractor shall be responsible for the complete masking of all work of others. Include the removal and proper disposal of all masking materials in a timely fashion after completion of the work in this Bid Package. This Contractor shall be responsible for temporary protection of any finish items while providing the work in this package.
16. Provide protection from overspray and dry fall. Remove all over-spray from adjacent surfaces. Properly clean and remove all over-spray, paint drippings from finished surfaces. Touch up as required due to drippings, overspray.
17. This Contractor shall provide adequate ventilation of the work areas by whatever means necessary (i.e., fans, working second shifts, etc.) to insure that fumes from the products being utilized by the Contractor dissipate quickly to allow other trades to work in the same general area.
18. Provide all concrete floor sealers on exposed concrete floors as indicated in the Contract Documents. Properly clean, sand, remove stains before applying floor sealer in accordance with manufacturers requirements. Verify with concrete contractor that the curing & sealing products used are compatible with floor sealer.
 - A. Provide joint sealants for control and construction joints at exposed concrete areas.
19. Paint all pipe bollards
20. Paint handrail at pool equipment pits
21. *Paint pool slide piers and piping that are exposed above grade as indicated in the construction documents.*

BID PACKAGE NO. 13 – Swimming Pools**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 00 & 01 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 13 11 00 – Swimming Pools
 - B. Spec 13 11 01 – Swimming Pool Cast-in-Place Concrete
 - C. Spec 13 11 02 – Swimming Pool Shotcrete
 - D. Spec 13 11 03 – Swimming Pool Tile
 - E. Spec 13 14 13 – Waterslides
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required this contractor will be responsible for payment of said services.
7. Engineered layout will be the responsibility of the Owner.
8. Contractor to review and become familiar with the Geotechnical Report which is included as part of the specifications.
9. All construction traffic to utilize the parking/laydown areas.
10. This contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
11. This Contractor to provide all safety measures, fencing, barricades, flagging, signage etc. to protect areas of excavation associated with this scope of work.
12. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
13. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work so as to ensure proper, timely, and adequate interface.
14. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All

- deliveries must be coordinated with Holland Construction Services.
3. This Contractor shall provide all labor, materials, tools and equipment to construct the leisure pool, lap pool, slides, associated water features, *stanchion posts*, pool equipment, pool finishes, pool tile, pumps, piping, valves, strainers, gauges, controllers, chemical feeders and tanks, valve boxes, flow meters, auto fill, U/V sanitizer, pool heater, filtration system, thermometer, hazard signage, hose bibs for house cleaning, and all other items to provide a complete pool system in accordance with the Contract Documents.
 4. Provide deck and maintenance equipment as specified. Loose equipment, signs/markings, and hand rails, as specified.
 5. Provide VFD's per the contract documents.
 6. Includes all concrete work for pools, *slides* and surge tank, proper backfill, concrete foundations, stairs, wing walls, reinforcing, associated with swimming pools and pool piping. Includes foundations for any associated water features and slides.
 7. Includes housekeeping pads, pipe stands, hangars, supports, etc. as required for work described in this Bid Package.
 8. Includes surge tanks, access hatch, site sump, waterproof coating of surge tank and other miscellaneous components for a complete surge tank system.
 9. Points beyond the backside of concrete pool gutter trough/bulkhead is designated & considered as the pool deck. Pool deck to be installed by the concrete bid package contractor and will pour up to gutter trough.
 10. Reference Electrical drawings – Equipment Data Schedule regarding who is to furnish, install: motors, disconnects, starters, controls.
 11. This contractor shall be responsible for the cast iron *pit* vent and bird screen at pool deck.
 12. This contractor shall provide and install the pool heater. Bid package 22 will install the natural gas piping to the heater and final connections to heater. Bid package 23 will install flues.
 13. Includes low voltage wiring for pool equipment. Grounding/Bonding of pool is by the Electrical Bid Package Contractor.
 14. Includes all excavation, removal, haul off, cut, fill, grading, compaction, and other earthwork operations required as part of the work described in this Bid Package. The site contractor will grade the site to the surrounding subgrade elevation. This contractor will be responsible to excavate as required for the pools and surge tank.
 15. This Contractor shall achieve all compaction requirements for backfilled areas as indicated in the Contract Documents. Backfill to be placed in accordance with the Contract Documents.
 16. If Contractor intends to use excavated soil for backfill of site utilities and finds that the soil is too wet to achieve compaction requirements, this Contractor shall be responsible for drying the intended backfill material or obtaining satisfactory backfill material in order to achieve proper compaction.
 17. Excess excavation spoils resulting from the work of this Bid Package shall be hauled by this Contractor and deposited at an on-site location determined by the Construction Manager.
 18. This contractor to close up and/or barricade off all excavations left open overnight.
 19. This Contractor shall coordinate all soil & compaction testing (provided by the Construction Manager).
 20. Reference Holland Site Specific Safety Plan for all on site fuel storage. All fuel storage areas are to be designated and approved by Holland's Field Superintendent.
 21. Includes continuous dust control for the work described in this Bid Package.
 22. Dewatering for this scope to maintain project schedule is the responsibility of this Contractor. This Contractor to provide a pump system to dewater pool excavations and discharge the water to the exterior of the building footprint. Pump to be kept operational by others during periods when pool contractor is not on site.
 23. This Contractor shall test, flush and treat piping as shown on contract documents.
 24. Perform all water tightness tests.
 25. All water used for testing shall be drained into connected sewer lines. As required, use temporary piping, pumps, or other methods to remove water.
 26. Manpower and equipment to assist in pre-testing, building department testing and consultant testing of furnished systems including life safety and security systems, and including necessary overtime and off-

- hours work.
27. Secure all permits and pay all fees necessary to complete the work in this Bid Package. Include cost of all permit fees, inspections, and any other fees or permits necessary for this scope of work.
 28. Include engineering/construction drawings for the pool structure and pool piping as per specifications.
 29. Include deferred submittals for pool equipment as detailed in the construction documents.
 30. Provide all listed submittals, operation, and maintenance manuals, start up and owner training & warranties per contract documents.
 31. This Contractor shall be responsible for submission of IDPH Natatorium Certification.
 32. This Contractor to obtain Final Acceptance by jurisdictional health department.
 33. This Contractor shall provide additional cleaning and touch-up of all equipment as required for the final Owner's inspection.
 34. Provide one final cleaning of all equipment provided under this contract, just prior to Owner's acceptance.
 35. *This contractor shall seal all through wall foundation penetrations for their own piping.*
 36. *This contractor shall provide all thickened slabs/footings for pool wash out area, including and grading/sumps.*

BID PACKAGE NO. 22 – Plumbing**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 07 92 00 – Joint Sealants
 - B. Spec 22 00 00 – Plumbing General Conditions
 - C. Spec 22 00 10 – Basic Plumbing Materials and Methods
 - D. Spec 22 00 20 – Plumbing Seismic Restraints
 - E. Spec 22 01 40 – Natural Gas Piping
 - F. Spec 22 04 00 – Plumbing Systems
 - G. Spec 22 04 10 – Plumbing Equipment
 - H. Spec 22 04 20 - Plumbing Fixtures and Trim
 - I. Spec 22 04 50 – Interceptors
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
7. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
8. All construction traffic to utilize the parking/laydown areas.
9. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
10. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
11. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
12. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
13. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.
14. This Contractor shall include time and materials for any BIM coordination and/or 3D modeling as required for this project.
 - A. Includes providing and coordinating 3D models to be built per scope of work, to coordinate with other trades, equipment, and building systems with the Building Information Modeling (BIM) process per the BIM Execution Plan.

- B. Includes attending and participating in meetings via Zoom or in person to facilitate coordination.
- C. Includes providing fully coordinated 2D drawings from the model including annotations, system elevations, dimensions, and information necessary for field installation from the BIM coordination process.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
3. The Work description, conditions, and all attachments as well as the Proposal itself are intended to cover all the services not indicated herein, but which would be necessary to complete any or all of the Work in a proper, substantial, and workmanlike manner, and as required to make a system function as intended, and shall be deemed to have been included in the Work and shall be furnished by the Bidder without additional cost. Adjustments shall not be allowed to the proposal and/or subsequent contract due to missing details, sizes, etc. required for complete and fully operational systems. Any intended omissions or exceptions to the requirements of this Work description and conditions must be included in writing in the proposal.
4. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install plumbing piping, piping insulation, equipment, fixtures, drains, floor drains, floor sinks, fittings, valves, traps, clean-outs, devices, and trim and all other components necessary to provide a complete domestic water and sanitary waste plumbing system in accordance with the Contract Documents and all applicable codes.
5. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install natural gas piping from main throughout structure, including piping to pool boiler with pressure regulator and emergency shut off as depicted in the construction documents. Final connections to the boiler is by this contractor. Natural gas piping supports on the roof is included in this contract.
6. This Contractor has assumed the risk of cost increases and the effects of shortages or lack of availability of materials, energy, goods, and labor, and neither the price nor the schedule for performance and completion of the Work shall be subject to adjustment should any of these situations arise.
7. All material should be delivered in a "just in time" fashion to eliminate on site storage as much as possible. Any material stored on site shall be stored "off the ground" and on wheels to minimize damage and to make relocation of material easy to accommodate work that needs to occur.
8. Provide all piping for fixtures, fittings, or trap to rough-in and shut-off valves to provide a complete plumbing system for all loose items furnished by others.
9. Includes pumps, domestic water heaters, backflow preventers, grease interceptors, mixing valves, expansion tanks, grease interceptors, mop basins, circulation pumps, mop sinks, backflow preventors, gas regulators, trap primers, showers, water coolers, electric trap primers, floor sinks, trench drains, water closets, urinals, yard hydrants, lavatories, sinks, water hammer arrestors, drinking fountains, water heaters (electric and natural gas), hose bibs, hose supply boxes, emergency eyewash, expansion tanks, dielectric fittings, water hammer arrestors, as indicated in the Contract Documents.
10. This contractor to supply and install equipment as outlined in foodservice equipment documents. Final plumbing connections of equipment provided by others in bid package #6 as noted in the foodservice equipment drawings shall be provided by this contractor.
11. This contract shall connect to sanitary waste lines 5' outside building pad.
12. This contract shall connect to the incoming water service lines 5' outside the building pad.
13. This contractor shall be responsible for the underground waterlines and yard hydrants at pool deck.
14. Provide complete exterior foundation drainage system as indicated in contract documents at buildings B and C. Includes bedding material, fabric wrap, backfill, cleanouts and other related items for a complete exterior foundation drainage system. Coordinate this work with foundation contractor for sequencing/layout etc., to avoid damage/disruption to the system. Review all drawings for locations (civil, architectural, plumbing). NOTE: Waterproofing of foundations is by others.

15. During concrete slab pours on-site, this Contractor will provide the manpower necessary to watch the concrete placement around critical areas of piping and floor drains to maintain their original position and tolerance.
16. This Contractor will review all Swimming Pool drawings to understand responsibilities associated with the pool.
17. This Contractor to take note of any expansion joints in the building or between buildings and make provisions in the piping to accommodate these joints.
18. All work is to be performed in accordance with current codes and standards, i.e., state, and local codes/ordinances, NFPA, BOCA, etc.
19. Furnish only, all appropriately rated access door assemblies as required for access to the plumbing system. This Contractor shall provide dimensioned layout drawings for each location and coordinate installation by others.
20. This Contractor will provide the necessary temporary protection for plumbing fixtures until these items are accepted by the Owner.
21. Include all control wiring for all plumbing systems equipment and between equipment not shown in electrical drawings.
22. Provide all valve tagging and system identification per contract documents.
23. Provide all concrete housekeeping, equipment pads associated with this bid package.
24. Includes backfill, haunching, bedding and backfill as shown and specified for work described in this bid package. Includes backfill materials, fabric, concrete course aggregate drainage gravel all per details.
25. Excess excavation spoils resulting from the work of this Bid Package shall be hauled by this Contractor and deposited at an on-site location determined by the Construction Manager.
26. This Contractor shall restore all grades and adjacent work disturbed by the work of this Bid Package.
27. This Contractor shall achieve all compaction requirements for backfilled areas as indicated in the Contract Documents. Backfill to be placed as indicated in the Contract Documents.
28. If Contractor intends to use excavated soil for backfill of site utilities and finds that the soil is too wet to achieve compaction requirements, this Contractor shall be responsible for drying the intended backfill material or obtaining satisfactory backfill material in order to achieve proper compaction.
29. Provide all miscellaneous structural supports for all suspended or supported plumbing systems equipment, which includes, but is not limited to, hangers, support steel, steel framing, seismic restraints, fasteners, etc. beyond what is indicated on the contract documents for the installation of this work.
30. Prior to installation of any pipe hangers or supports, this Contractor must verify with the structural engineer that for which the structural component was designed.
31. If in-wall wood blocking or metal strapping is required for work associated with this subcontract, provide detailed shop drawings showing specifics with the initial submittal package. Installation of blocking or strapping by others.
32. Seal all through wall, floor, and roof penetrations associated with this scope as indicated in the Contract Documents. Maintain integrity & rating of all fire walls.
33. Provide all sleeves for wall, floor, and roof penetrations. Coordination from layout drawings for plumbing penetrations Associated costs if rework is required because layout was not correct or timely.
34. Provide all testing, flushing, and disinfection as required for inspection and acceptance of the plumbing system.
35. Include the testing of the plumbing system by area or partial zones as directed by the Construction Manager to allow installation of work by other trades. Include temporary valves, caps or plugs as necessary to accomplish testing by area.
36. All water used for testing shall be drained into connected sewer lines. As required, use temporary piping, pumps, or other methods to remove water.
37. Manpower and equipment to assist in pre-testing, building department testing and consultant testing of furnished systems including life safety and security systems, and including necessary overtime and off-hours work.
38. Secure all permits and pay all fees necessary to complete the work in this Bid Package. Include cost of all permit fees, inspections, and any other fees or permits necessary for this scope of work.
39. Provide instructions and training to Owner and selected personnel.

40. Provide complete as-built drawings of all systems installed under this Bid Category. Drawings shall be kept up to date and available for inspection at any time.
41. This Contractor shall coordinate the routing of all piping to avoid structural items such as: concrete beams, structural steel, joists, masonry bond beams, floor joists, etc. These structures shall not be sleeved or penetrated.
42. Coordinate all layouts of plumbing system items with MEPFP contractors and others to avoid conflicts with rough-ins and location of finish items.
43. This Contractor to submit a complete list indicating voltage, phase, and amps of all items requiring electrical power for review by the electrical subcontractor. List shall be approved by the electrical subcontractor prior to ordering equipment.
44. *This contractor shall furnish and install the emergency eyewash stations at the chemical rooms.*

BID PACKAGE NO. 23 – Heating, Ventilation and Air Conditioning**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 23 00 00 – Mechanical General Conditions
 - B. Spec 23 00 10 – Basic Mechanical Materials and Methods
 - C. Spec 23 00 20 – Vibration Isolation and Seismic Restraints
 - D. Spec 23 01 00 – Installation of Mechanical Piping
 - E. Spec 23 01 50 – Refrigerant Piping
 - F. Spec 23 02 00 – Mechanical Insulation
 - G. Spec 23 06 30 – Ventilation Equipment
 - H. Spec 23 06 80 – Electric Heating Terminals
 - I. Spec 23 08 00 – Constant Volume Rooftop Units
 - J. Spec 23 08 10 – Packaged Heating/Cooling Units
 - K. Spec 23 08 90 – Breechings, Chimneys and Stacks
 - L. Spec 23 09 00 – Air Distribution
 - M. Spec 23 09 10 – Start-up, Cleaning and Testing
 - N. Spec 23 09 30 – Testing and Balancing
 - O. Spec 23 09 61 – Temperature Control Wiring
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
7. All construction traffic to utilize the parking/laydown areas.
8. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
9. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
10. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
11. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
12. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.
13. This Contractor shall include time and materials for any BIM coordination and/or 3D modeling as required for this project.

- A. Includes providing and coordinating 3D models to be built per scope of work, to coordinate with other trades, equipment, and building systems with the Building Information Modeling (BIM) process per the BIM Execution Plan.
- B. Includes attending and participating in meetings via Zoom or in person to facilitate coordination.
- C. Includes providing fully coordinated 2D drawings from the model including annotations, system elevations, dimensions, and information necessary for field installation from the BIM coordination process.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
3. This Contractor shall provide all labor, materials, tools and equipment to furnish and install rooftop units and equipment, ductless split system unit, unit heaters, condenser units, electric heaters, all associated pumps, refrigerant piping, duct work, insulation, air devices, and all other components necessary to provide a completely operational HVAC system in accordance with the Contract Documents and all applicable codes.
4. The Work description, conditions, and all attachments as well as the Proposal itself are intended to cover all the services not indicated herein, but which would be necessary to complete any or all of the Work in a proper, substantial, and workmanlike manner, and as required to make a system function as intended, and shall be deemed to have been included in the Work and shall be furnished by the Bidder without additional cost. Adjustments shall not be allowed to the proposal and/or subsequent contract due to missing details, sizes, etc. required for complete and fully operational systems. Any intended omissions or exceptions to the requirements of this Work description and conditions must be included in writing in the proposal.
5. This contractor is responsible for insulating the roof curb as detailed in the contract documents.
6. Provide all wall louvers and vents as shown on the construction documents. Provide approved cut sheets for the equipment a minimum of two weeks prior to masonry starting in the area.
7. Includes all flue piping for mechanical equipment, pool heater, and water heaters as indicated in the Contract Documents and all applicable codes.
8. This Contractor has assumed the risk of cost increases and the effects of shortages or lack of availability of materials, energy, goods, and labor, and neither the price nor the schedule for performance and completion of the Work shall be subject to adjustment should any of these situations arise.
9. This Contractor shall furnish all rentals required for HVAC system installation.
10. All material should be delivered in a "just in time" fashion to eliminate on site storage as much as possible. Any material stored on site shall be stored "off the ground" and on wheels to minimize damage and to make relocation of material easy to accommodate work that needs to occur.
11. All work is to be performed in accordance with current codes and standards, i.e. state and local codes/ordinances, NFPA, BOCA, etc.
12. Includes all condensate drain necessary to reach drainage system as indicated in the Contract Documents and all applicable codes, including any pumps.
13. Includes complete HVAC instrumentation and controls. Temperature controls and wiring are by this Contractor.
14. Provide all equipment/device tagging and system identification.
15. Provide combustion air flue for pool water heater.
- ~~16. This contractor is responsible for the 4" cast iron vent and bird screen for the surge tank.~~
17. This Contractor will provide the necessary temporary protection for HVAC work until these items are accepted by the Owner.
18. Provide all miscellaneous structural supports for all suspended or supported HVAC systems equipment, which includes, but is not limited to, hangers, support steel, steel framing, seismic restraints, fasteners,

- etc. beyond what is indicated on the contract documents for the installation of this work.
19. Provide size, weight, location, and other necessary information of roof top equipment that requires structural supports to the structural steel bid package contractor for fabrication and installation.
 20. Prior to installation of any pipe hangers or supports, this Contractor must verify with the structural engineer for which the structural component was designed.
 21. Provide all sleeves for wall, floor, and roof penetrations. Coordination from layout drawings for plumbing penetrations Associated costs if rework is required because layout was not correct or timely.
 22. This Contractor shall cut all openings in the roof deck for HVAC items and provide adequate temporary protection over these openings to keep the building below in the dry and keep the opening structurally safe for traffic on the roof in accordance with OSHA.
 23. Includes all equipment curbs and bases, vibration isolators, equipment anchors, supports, and housekeeping pads required for all heating and air conditioning equipment.
 24. This Contractor shall provide final cleaning and filter change of all equipment prior to Owner acceptance and one additional filter change/cleaning during project trim out.
 25. Include the testing of the HVAC system by area or partial zones as directed by the Construction Manager to allow installation of work by other trades. Include temporary valves, caps or plugs as necessary to accomplish testing by area.
 26. Manpower and equipment to assist in pre-testing, building department testing and consultant testing of furnished systems including life safety and security systems, and including necessary overtime and off-hours work.
 27. Provide all necessary balancing and adjustments as required by HVAC test and balance prior to Owner occupancy. TAB contractor shall be 3rd party and be AABC or NEBB certified.
 28. Secure all permits and pay all fees necessary to complete the work in this Bid Package. Include cost of all permit fees, inspections, and any other fees or permits necessary for this scope of work.
 29. Provide instructions and training to Owner and selected personnel.
 30. Provide complete as-built drawings of all systems installed under this Bid Category. Drawings shall be kept up to date and available for inspection at any time.
 31. This Contractor shall coordinate the routing of all piping and ductwork to avoid structural items such as: concrete beams, structural steel, joists, masonry bond beams, floor joists, etc. These structures shall not be sleeved or penetrated.
 32. Coordinate all layouts of HVAC system items with MEPFP contractors and others to avoid conflicts with rough-ins and location of finish items.
 33. This Contractor to submit a complete list indicating voltage, phase, and amps of all items requiring electrical power for review by the electrical subcontractor. List shall be approved by the electrical subcontractor prior to ordering equipment.
 34. Layout of all equipment and ductwork that is part of this bid package is by Bid Package. Locate all HVAC roof penetrations within 5 days of roof deck completion to allow for wood blocking to start.
 35. Natural gas piping is by bid package 22, this contractor is responsible for final connections to equipment.
 36. In areas where exposed ductwork will be painted, this contractor to ensure the duct is prepared to accept paint without the need remove any films or oils to accept paint.

BID PACKAGE NO. 26 – Electrical**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 13 11 00 – Swimming Pools
 - B. Spec 26 00 00 – Basic Electrical Requirements
 - C. Spec 26 00 10 – Basic Electrical Materials and Methods
 - D. Spec 26 00 23 – Owner Furnished Equipment
 - E. Spec 26 00 25 – Seismic Restraints
 - F. Spec 26 00 55 – Arc Flash Hazard Analysis – Short Circuit – Coordination Study
 - G. Spec 26 00 60 – Electrical Service
 - H. Spec 26 00 70 – Electrical Connections for Equipment
 - I. Spec 26 01 10 – Raceways Fittings and Boxes
 - J. Spec 26 01 15 – Underground Ducts
 - K. Spec 26 01 20 – Conductors
 - L. Spec 26 01 40 – Wiring Devices
 - M. Spec 26 01 50 – Motors and Motor Controls
 - N. Spec 26 01 60 – Safety Switches
 - O. Spec 26 01 80 – Low Voltage Fuses – 600 Volts and Less
 - P. Spec 26 01 90 – Supporting Devices
 - Q. Spec 26 04 32 – Service Panelboard
 - R. Spec 26 04 55 – Grounding Systems
 - S. Spec 26 04 70 – Panelboards
 - T. Spec 26 04 75 – Surge Protective Devices
 - U. Spec 26 04 85 – Contactors
 - V. Spec 26 05 00 – Interior Lighting
 - W. Spec 26 05 25 – Exterior Lighting
 - X. Spec 23 07 21 – Fire Alarm Systems - Addressable
 - Y. Spec 26 07 62 – Data Equipment and Wiring System
 - Z. Spec 26 07 70 – Security System Rough In
 - AA. Spec 26 09 35 – Time Switches
 - BB. Spec 26 09 37 – Photo Control
 - CC. Spec 26 09 38 – Occupancy Sensors
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
7. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.

8. All construction traffic to utilize the parking/laydown areas.
9. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
10. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
11. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
12. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.
13. This Contractor shall include time and materials for any BIM coordination and/or 3D modeling as required for this project.
 - A. Includes providing and coordinating 3D models to be built per scope of work, to coordinate with other trades, equipment, and building systems with the Building Information Modeling (BIM) process per the BIM Execution Plan.
 - B. Includes attending and participating in meetings via Zoom or in person to facilitate coordination.
 - C. Includes providing fully coordinated 2D drawings from the model including annotations, system elevations, dimensions, and information necessary for field installation from the BIM coordination process.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor is responsible for delivery of all materials necessary to perform this scope of work. All deliveries must be coordinated with Holland Construction Services.
3. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install conduit wire, boxes, covers, devices, switch gear, transformers, power distribution panels, lights, and fire alarm panels complete electrical, fire alarm, communication systems, safety and security systems, and smoke detection system in accordance with the Contract Documents and all applicable codes that is compatible with all other building elements.
4. The Work description, conditions, and all attachments as well as the Proposal itself are intended to cover all the services not indicated herein, but which would be necessary to complete any or all of the Work in a proper, substantial, and workmanlike manner, and as required to make a system function as intended, and shall be deemed to have been included in the Work and shall be furnished by the Bidder without additional cost. Adjustments shall not be allowed to the proposal and/or subsequent contract due to missing details, sizes, etc. required for complete and fully operational systems. Any intended omissions or exceptions to the requirements of this Work description and conditions must be included in writing in the proposal.
5. This contractor shall provide the underground conduit/cablings from Building A to the future gymnasium as shown on the contract documents.
6. Electrical Contractor awarded Bid Package 26 will assume the Purchase Order for the switchgear equipment according to the summary below. The equipment not listed in the summary shall be purchased by this contractor. This Contractor will pay the supplier, provide monthly procurement status updates in writing from the supplier and from this Contractor, be responsible for coordination, the approved submittal(s), additional submittals required for to complete the system, receiving, unloading, staging, hoisting and complete installation, testing, closeout, etc.
 - A. This Contractor will include \$12,445.50, equal to the amount of the Purchase Order in their bid. It is understood that this PO includes distributor markup.
7. This contractor to provide housekeeping pads for the equipment related to this scope of work.
8. This contractor to provide electrical transformer pad.
9. This contractor to disconnect and make safe all power and lighting at the existing pavilions to be removed, electric improvements at the existing field backstop.

10. This contractor shall disconnect electrical service and make safe at the existing pool prior to demolition.
11. Furnish only, all appropriately rated access door assemblies as required for access to the electrical & fire alarm system. This Contractor shall provide dimensioned layout drawings for each location and coordinate installation by others.
12. Provide all equipment/device tagging and system identification.
13. Provide all temporary power and lighting in accordance with all applicable laws, rules, codes, ordinances, and government requirements. Temporary electrical usage charges to be paid by Owner/CM.
14. Maintain electrical service to building at all times for duration of project.
15. This contractor is responsible to set and provide final connections for the electrified kitchen equipment.
16. This contractor is responsible to supply and install the pool phone required by IDPH.
17. ~~Provide all raceways, cabling and equipment as specified for the telephone, data, communication, video, public address, and security systems as indicated in the Contract Documents.~~
18. *This contractor shall be responsible for all raceways, cabling, coverplates, etc. as specified for the voice/data, access control and video surveillance system as specified. Owner's vendor shall provide systems and install final connections.*
19. *This contractor shall be responsible for all equipment, raceways, cabling as required for a complete audio system according to the contract documents.*
20. Provide and install all specified rough-ins and equipment for access control system as noted in the construction documents.
21. This contractor is responsible for the exhaust fan time clock as noted in the construction documents.
22. Lighting package includes all lights, lamps, site lighting, supports, associated branch wiring, switches, wall/ceiling sensors, and other controls as indicated in the Contract Documents.
23. Provide all grounding / bonding for swimming pool(s), slide & building per the contract documents. Coordinate with this work with all the other trades for a complete system.
24. This contractor shall become familiar with the pool construction documents and the equipment associated with the documents. Final electrical connections of the equipment shall be the responsibility of this contractor, *including any emergency shut down switches*. Power to pool lighting is a responsibility of this contractor.
25. Provide all fire treated plywood back up for components per the contract documents.
26. This contractor is responsible for the underground conduit from the utility pole to the transformer and from the transformer into the new structure. Conductors from the utility pole to the transformer are by the utility.
27. This contractor is responsible for shut offs for pool pumps as described in the contract documents.
28. This contractor is responsible for all costs to supply electrical service to the construction manager's jobsite trailer. Assume service will be 100 amp, 208/220V and the trailer will be located at the northeast corner of jobsite.
29. Provide power wiring and short circuit protective devices for all equipment specified in Division 23. Temperature controls and wiring are by the mechanical contractor.
30. Provide disconnects for mechanical equipment on mechanical drawings and specified in Division 23. VFD's and starters by others.
31. Review civil drawings and site electrical and provide all electrical systems and components as indicated in the Contract Documents.
32. Provide all site and pool deck lighting as indicated in the Contract Documents, including concrete bases.
33. Includes backfill, haunching, bedding and backfill as shown and specified for work described in this bid package. Includes backfill materials, fabric, concrete course aggregate drainage gravel all per details.
34. Excess excavation spoils resulting from the work of this Bid Package shall be hauled by this Contractor and deposited at an on-site location determined by the Construction Manager.
35. This Contractor shall restore all grades and adjacent work disturbed by the work of this Bid Package.
36. This Contractor shall achieve all compaction requirements for backfilled areas as indicated in the Contract Documents. Backfill to be placed as indicated in the Contract Documents.
37. If Contractor intends to use excavated soil for backfill of site utilities and finds that the soil is too wet to achieve compaction requirements, this Contractor shall be responsible for drying the intended backfill material or obtaining satisfactory backfill material in order to achieve proper compaction.

38. Includes coordination with Plumbing Contractor, City & Phone Company to provide power and phone service to the lift station. Conduits by This Contractor for power and cabling as shown on the construction documents.
39. This Contractor will provide the necessary temporary protection for electrical systems work until these items are accepted by the Owner.
40. Provide all miscellaneous structural supports for all suspended or supported electrical & fire alarm equipment, which includes, but is not limited to, hangers, support steel, steel framing, seismic restraints, fasteners, etc. beyond what is indicated on the contract documents for the installation of this work.
41. Prior to installation of any pipe hangers or supports, this Contractor must verify with the structural engineer for which the structural component was designed.
42. If in-wall wood blocking or metal strapping is required for work associated with this subcontract, provide detailed shop drawings showing specifics with the initial submittal package. Installation of blocking or strapping by others.
43. Provide all sleeves for wall, floor, and roof penetrations. Coordination from layout drawings for plumbing penetrations Associated costs if rework is required because layout was not correct or timely.
44. Manpower and equipment to assist in pre-testing, building department testing and consultant testing of furnished systems including life safety and security systems, and including necessary overtime and off-hours work.
45. Secure all permits and pay all fees necessary to complete the work in this Bid Package. Include cost of all permit fees, inspections, and any other fees or permits necessary for this scope of work.
46. Provide instructions and training to Owner and selected personnel.
47. Provide complete as-built drawings of all systems installed under this Bid Category. Drawings shall be kept up to date and available for inspection at any time.
48. This Contractor shall coordinate the routing of all electrical & fire alarm to avoid structural items such as: concrete beams, structural steel, joists, masonry bond beams, floor joists, etc. These structures shall not be sleeved or penetrated.
49. Coordinate all layouts of electrical & fire alarm system items with MEPFP contractors and others to avoid conflicts with rough-ins and location of finish items.
50. All Contractors to submit a complete list indicating voltage, phase, and amps of all items requiring electrical power for review by this Contractor. List shall be approved by the electrical subcontractor prior to ordering equipment.
51. This Contractor has assumed the risk of cost increases and the effects of shortages or lack of availability of materials, energy, goods, and labor, and neither the price nor the schedule for performance and completion of the Work shall be subject to adjustment should any of these situations arise.
52. All material should be delivered in a "just in time" fashion to eliminate on site storage as much as possible. Any material stored on site shall be stored "off the ground" and on wheels to minimize damage and to make relocation of material easy to accommodate work that needs to occur.
53. All work is to be performed in accordance with current codes and standards, i.e. state and local codes/ordinances, NFPA, BOCA, etc.



Bill of Materials

Proposal: UM2-00034721

Name: City of O’Fallon Community Parks

Date: 2/5/2024

| Item # | Qty | Description |
|--------|-----|---|
| 1 | 1 | Power Panelboard, ReliaGear neXT MDP |
| | | 1 Section(s), Nema 1 Enclosure |
| | | Suitable for Use as Service Entrance |
| | | 1200 Amps, 3 Phase 4 Wire 208Y/120V, 50/60 Hz |
| | | Minimum Interrupt Rating: 35kA Fully Rated |
| | | Incoming Feed: Bottom |
| | | Surface Mounted |
| | | UL67 Certified |
| | | Height: 72 Inches; Width: 45 Inches; Depth: 11 Inches; Est. Weight: 500 lbs |
| | 1 | 1000 Amps Main Breaker XT7SU312EFYW000LXX |
| | 1 | Ekip Dip LSI |
| | | Horiz. XT7 (4) 4/0-500 mcm, No Feed Through Lugs |
| | | Main Option Details |
| | 1 | Copper Bus Heat Rated |
| | 1 | 100% Rated Neutral |
| | 1 | NEMA 1 Enclosure |
| | | Feeders |
| | 3 | Breaker Device 30 Amps 3 Poles XT1NU3030AYD000XXX |
| | 3 | TMF |
| | 3 | (1) 10 - 2/0 AWG |
| | 2 | Breaker Device 225 Amps 3 Poles XT4NU3225AYJ000XXX |
| | 2 | TMF |
| | 2 | (1) 4 AWG-300 MCM |
| | 1 | Breaker Device 400 Amps 3 Poles XT5NU340ABYN000XXX |
| | 1 | TMA |
| | 1 | (2) 2/0 AWG - 500 MCM |
| | 1 | Breaker Device 35 Amps 3 Poles XT1NU3035AYD000XXX |
| | 1 | TMF |
| | 1 | (1) 10 - 2/0 AWG |
| | 2 | Breaker Device 45 Amps 3 Poles XT1NU3045AYD000XXX |
| | 2 | TMF |
| | 2 | (1) 10 - 2/0 AWG |
| | 1 | Breaker Device 40 Amps 3 Poles XT1NU3040AYD000XXX |
| | 1 | TMF |
| | 1 | (1) 10 - 2/0 AWG |
| | | Modifications |
| | 1 | Nameplates (75C141109P109) |
| | 1 | Ground: GDBG47CU |
| | 1 | Bus: IN2412NN3H2 |
| | 1 | Neutral: NL12I0NSTNDAL |

| Item # | Qty | Description |
|---------------|------------|---------------------------|
| 1 | | Enclosure: ER7245A |
| 1 | | Frame: IF2445F |
| 1 | | Front 1 of 2: FT45S00135 |
| 1 | | Front 2 of 2: FT45S00215 |
| 1 | | Gutter: GC45F24NNA |
| 1 | | Spacer: SR01BB |
| 1 | | Spacer: SR01BF |
| 3 | | Spacer: SR03BB |
| 1 | | Spacer: SR03BF |
| 1 | | Spacer: SR1XBR |
| 2 | | Spacer: SR2XBF |
| 1 | | Spacer: SR2XBR |
| 1 | | Lifting Bar: IL45F |
| 1 | | Nameplates: 75C141109P109 |
| 1 | | PPXT FA INT |
| 1 | | PPXT FA BOX |

BID PACKAGE NO. 31 – Earthwork, Site Utilities & Segmental Retaining Walls**Holland Construction Services Standard Scope Items**

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, as well as the Special Conditions above, apply to this Section. Technical Specifications, which relate to this Bid Category, include, but are not limited to the following sections:
 - A. Spec 31 00 00 – Site Clearing
 - B. Spec 31 20 00 – Earth Moving
 - C. Spec 31 23 19 – Dewatering
 - D. Spec 31 25 14 – Stormwater Pollution and Prevention Plan
 - E. Spec 31 50 00 – Excavation Support and Protection
 - F. Spec 32 23 23 – Segmental (Modular) Retaining Walls
 - G. Spec 32 84 23 – Underground Sprinklers
 - H. Spec 33 11 00 – Water Service
 - I. Spec 33 30 00 – Sanitary Sewer
 - J. Spec 33 41 00 – Drainage
 - K. Spec 34 41 16 – Traffic Control
2. Each contractor is responsible for the complete contents of the general notes for this project as shown on the Drawings.
3. Each contractor shall provide bid security in the amount of 5% of the bid as a Bid Bond or a Cashier's check. Any bid submitted without a bid security will not be accepted.
4. Each contractor shall provide a performance and payment bond. Bonds shall be obtained and presented to the Construction Manager prior to execution of the contract with Owner.
5. This contractor shall pay at a minimum the current Prevailing wage rates listed for the county for which the work is being performed. Please contact IDOL at 217-782-1710 for wage rates or clarifications. Each Contractor and Subcontractor shall submit, on a monthly basis, a certified payroll to the Owner, evidencing the Contractor's and Subcontractor's compliance with the Prevailing Wage Act.
6. Engineered layout will be the responsibility of the Owner.
7. This Contractor shall coordinate the work of this package with all other trades performing adjacent/concurrent work to ensure proper, timely, and adequate interface.
8. This Contractor shall include all traffic control measures necessary to perform, protect this work and to protect the public.
9. All construction traffic to utilize the parking/laydown areas.
10. All rubbish and debris generated by this contractor shall be placed in dumpsters by this contractor. Dumpsters to be provided by Holland.
11. This contractor will be directed to proceed with submittals, shop drawings based upon the base bid amount, immediately after contract is awarded.
12. Contractor to assist in coordination of testing (by Owner) required by this scope of work. Provide all layout required for this package, beyond the scope of work as outlined in contract documents. The Owner will provide control lines and elevation benchmarks one time only. If additional layout is required, this contractor will be responsible for payment for said services.
13. This Contractor shall be responsible for keeping surrounding streets clean from all mud and debris as a result of this scope of work.
14. Prior to availability of temporary electric service, this Contractor shall be responsible for its own temporary power requirements to complete the work of this Bid Package.

Scope Specific Items

1. This bid package includes all labor, material, tools, and equipment to perform all work as described in this bid package.
2. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all clearing/grubbing, miscellaneous improvement removal as shown on the construction documents, excavation, removal, haul off, cut, fill, grading, compaction, and other earthwork operations to provide a complete earthwork package in accordance with the Contract Documents.
 - A. All tree removal has been completed by others and should not be included with this scope.
 - B. Backstop, bleachers, benches and drinking fountain has been removed from the existing softball field and shall not be included in this scope.
3. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install site water and site sanitary sewer, equipment, fixtures, drains, fittings, valves, clean-outs, devices, and trim and all other components as detailed in the construction documents.
4. Include fittings, valves, and other required devices to tie into existing water main(s) as indicated in the Contract Documents.
5. Site water line, and site sanitary sewer line installation to terminate and be valved off 5' outside of building. Tie in of building lines to site lines 5' outside building by others.
6. Establish rough grades to +0.10' for site grading and preparation of building pads, landscaping areas and pavement.
7. This Contractor shall provide all labor, materials, tools, and equipment to furnish and install all piping, structures, inlets, landscaping drains, deck drains, trench trains, fountain drains, FES, manholes, drains, clean-outs, and other materials as necessary to install the storm sewers. Coordinate this work with trades to avoid jurisdictional issues.
 - A. Included with the storm sewer and drainage work shall be all equipment and materials necessary for the pool deck, concrete aprons, amphitheater, and landscape drainage system. Provide onsite supervision during pours to confirm trench and area drains are not disturbed.
 - B. Included with the storm sewer work shall be all equipment and materials necessary for the roof drainage system. Work will begin at the downspout. Bid package 7.1 will include the downspout boots.
 - C. Included with the storm sewer work shall be all equipment and materials necessary for the foundation drainage system. This work will begin 5' outside the building footprint.
8. This contractor shall incorporate the findings and recommendations of the geotechnical report into their work.
9. Removal of underground utilities to be included with this contract. The sanitary line to be abandoned to the north of the site shall be capped with a plug at the removal termination area.
10. The topsoil shall be stripped and placed in a location agreed upon by the construction manager. Upon completion of site improvements, the topsoil shall be distributed a minimum of 4" in all grass and landscaping areas.
11. Segmental retaining walls are included with this scope of work. Design shall be completed by a registered engineer located in the state of Illinois. Excavation and backfill for walls is included in this scope of work.
12. This contractor will meet to establish and agree on benchmark. Meeting to include at a minimum Holland, Concrete Subcontractor, Earthwork Subcontractor, and Utility Subcontractor.
13. Demolition of the existing pool/house and associated site lighting is by others.
14. This contractor to mobilize in two stages, initial stage will work associated with the new pool and buildings, second stage will be mass grading and demo in the area surrounding the existing pool after Labor Day 2024. Access to the pool must be maintained until demolition is complete.
15. This contractor is responsible to furnish/install/maintain all tree protection, snow fence around drip lines.
16. This contractor is responsible to backfill around all site concrete retaining walls and stairs.
17. This contractor is responsible the underground landscaping irrigation and sprinkler system as shown in the contract documents.

18. This contractor is responsible for all erosion control measures as identified by the construction documents, including the stabilized construction entrance. Included with this contract is maintenance of the erosion controls for duration of project. Remove all measures prior to fine grading and topsoil distribution.
19. This contractor is responsible for all tap destroys necessary for this scope of work and as shown on the construction documents.
20. This contractor shall disconnect all water services for the existing pool prior to demolition.
21. The contractor is responsible for the gravel pavement section SE of the site as shown on 3/C5.0, remove and backfill prior to fine grading
22. Landscaping, seeding and landscaping rock are by others.
23. This contractor to provide temporary water service for other trades, includes piping, excavation, hydrant, backflow preventer, etc., for temporary water including removal. Water usage fees to be paid by Owner/CM.
24. This Contractor shall include twelve (12) months of SWPPP weekly inspections.
25. This Contractor shall achieve all compaction requirements for backfilled areas as indicated in the Contract Documents. Backfill to be placed in accordance with the Contract Documents.
26. If Contractor intends to use excavated soil for backfill of site utilities and finds that the soil is too wet to achieve compaction requirements, this Contractor shall be responsible for drying the intended backfill material or obtaining satisfactory backfill material in order to achieve proper compaction.
27. Excess excavation spoils resulting from the work of this Bid Package shall be hauled by this Contractor and deposited at an on-site location determined by the Construction Manager.
28. This contractor to close up and/or barricade off all excavations left open overnight.
29. Locate and mark existing utilities related to this scope of work. Should existing utilities need to be crossed, support and protect as needed to complete Subcontract work. Consult the existing utility owner/operator.
30. This Contractor shall coordinate all soil & compaction testing (provided by the Construction Manager).
31. Reference Holland Site Specific Safety Plan for all on site fuel storage. All fuel storage areas are to be designated and approved by Holland's Field Superintendent.
32. This contractor is responsible for all tap destroys necessary for this scope of work and as shown on the construction documents.
33. This contractor shall disconnect all water services for the existing pool prior to demolition.
34. The contractor is responsible for the gravel pavement section SE of the site as shown on 3/C5.0, remove and backfill prior to fine grading
35. This contractor to provide temporary water service for other trades, includes piping, excavation, hydrant, backflow preventer, etc., for temporary water including removal. Water usage fees to be paid by Owner/CM.
36. *This contractor is responsible to relocate the drinking fountain at the existing softball field and to remove the water line as noted.*
37. *Remove and dispose of mock up panel upon approval by designers.*