

ISLAMIC LIFE CENTER

ADVERTISEMENT FOR BIDS

The **AI Salam Foundation** announces that sealed **LUMP SUM BID PROPOSALS** for furnishing all materials and performing all work necessary to complete:

Islamic Life Center
14138 Shelborne Road
Carmel, Indiana 46074

will be accepted for Invited General Contractors, by **Ashhar Madni** at:

AI Salam Foundation
9551 Valparaiso Court
Indianapolis, IN 46268

PRE-BID MEETING: Tuesday, November 9th at 3:00 pm.

The pre-bid meeting will be held at the project site with representatives from the Owner and Design Team present. Invited contractors are encouraged to attend. This pre-bid meeting is not mandatory.

BID ACCEPTANCE DATE/TIME: Thursday, December 2nd at 2:00 pm.

Bids shall be submitted in PDF format via email to the Owner: **islamiclifecenter@gmail.com**
Please copy the architect: **chris@mccoyarchitects.com**

Faxed bids will not be accepted.

PROJECT DESCRIPTION

The Work consists of **a new single story (with partial basement), religious assembly building**, as shown on Contract Documents prepared by McCoy Architects LLC, **Titled: Construction Drawings, Dated: 3/17/2021 with TAC Responses 9/21/2021 (and revisions prior) and Project Manual dated 9/21/2021.**

Construction time shall be **as proposed on the bid form.**

BIDDER'S QUALIFICATIONS

Bidder's Qualifications are required by the Owner for all General Contractors to be submitted by the low bidder and at the same time any bidder as requested by the Owner, and as set forth herein:

The Contractor shall be properly licensed and maintains a permanent place of business, in the state of Indiana, City of Carmel, and has adequate plant and equipment to perform the work properly and expeditiously.

CONSTRUCTION DOCUMENTS MAY BE VIEWED AT THE LOCATIONS LISTED:

AI Salam Foundation (Existing House on property): 14138 Shelborne Road, Carmel IN 46074
AI Salam Foundation (Existing Mosque Location): 9551 Valparaiso Court, Indianapolis IN 46268
McCoy Architects LLC: 524 East High Street, Lexington KY 40502, tel (859) 233-1884

PERFORMANCE AND LABOR AND MATERIALS PAYMENT BONDS

Performance and Labor and Materials payment Bonds, AIA document A311, shall be included as provided herein, and executed at the award of the Contract.

BID BOND

Shall be provided in accordance with Section 4.2 of the Instructions to Bidders (AIA A701).

ISLAMIC LIFE CENTER

EXECUTION OF THE CONTRACT

- Lump sum Bid for Entire Work.
- No Bidder may withdraw, modify or cancel his Bid within (60) days after the actual date of the Bid opening.
- Telegraphic (fax) bids will not be accepted.
- Bids received after the scheduled closing time will be returned unopened to the bidder.
- By submission of a bid the Contractor agrees to commence construction no later than [5] calendar days after the execution of the contract or notice to proceed, whichever happens first.
- Rights to waive any informality or irregularity in any Bids and to reject any and all bids are reserved by the Owner.
- Contract will be awarded on the basis of the terms deemed most acceptable to the Owner, and as determined solely by the Owner.
- Competency and responsibility of Bidder and of their proposed subcontractors will be considered in making the award. Ability of the Bidder to obtain a performance bond will not necessarily be regarded as sole test of such Bidder's competency or responsibility.
- The Owner reserves the right to purchase certain materials for and on its own account for incorporation in the Work as shall be determined by the Owner, and that all other materials shall be purchased by the Contractor for incorporation in the work.

SUBMITTALS

Submittals pursuant to Paragraph 6.3.1 of the "Instructions to Bidders" shall be furnished in accordance with the following:

Submitted With the Bid Proposal. [submit one original only]

- List of Subcontractors

Submitted Within 48 hours of bid opening. [submit one original only]

- Schedule of Values
- List of Materials and Equipment
- Unit Price Schedule

Submitted for the execution of the Contract. [submit three original copies]

- Performance Bond and Labor and Materials Payment Bond: AIA document A311
- Proof of Insurance, including Builder's Risk Insurance, with Certificate indicating the appropriate limits in accordance with the Contract Documents.
- Schedule of Values for Construction as indicated in the specifications.

END OF ADVERTISEMENT FOR BIDS

ISLAMIC LIFE CENTER

TABLE OF CONTENTS

BIDDING AND GENERAL DOCUMENTS

Advertisement for Bids
Instructions to Bidders (AIA A701)
Form of Proposal
Unit Price Schedule
List of Subcontractors
List of Materials and Equipment
General Conditions (AIA A201)

DIVISION 1 – GENERAL REQUIREMENTS

011000 Summary
012100 Allowances
012200 Unit Prices
012300 Alternates
012600 Contract Modification Procedures
012900 Payment Procedures
013100 Project Management and Coordination
013200 Construction Progress Documentation
013300 Submittal Procedures
014000 Quality Requirements
015000 Temporary Facilities and Controls
016000 Product Requirements
017300 Execution
017700 Closeout Procedures
017823 Operation and Maintenance Data
017839 Project Record Documents
017900 Demonstration and Training

DIVISION 2 – STRUCTURAL (020000)

Light Gauge Framing
Structural Steel
Structural Steel Connections
Steel Joists
Metal Deck
Concrete Masonry
Concrete Work
Stairs, Handrails, and Guards
Performance Items
Special Inspections
Required Inspections

DIVISION 4 – MASONRY

042613 Masonry Veneer

DIVISION 5 – METALS

055213 Pipe and Tube Railings

DIVISION 6 – WOODS, PLASTICS, & COMPOSITES

061053 Miscellaneous Rough Carpentry
061600 Sheathing
064116 Plastic-Laminate-Clad Arch.Cabinets

DIV. 7 – THERMAL & MOISTURE PROTECTION

071416 Cold Fluid-Applied Waterproofing
072100 Thermal Insulation
072413 Polymer Based EIFS
075423 Thermoplastic-Polyolefin (TPO) Roofing
077100 Roof Specialties
079200 Joint Sealants

DIVISION 8 – OPENINGS

081113 Hollow Metal Doors and Frames
081416 Flush Wood Doors
083313 Coiling Counter Doors
084113 Aluminum Framed Entrances
086225 Tubular (Skylights) Daylighting Devices
087100 Door Hardware & Schedule
088000 Glazing

DIVISION 9 – FINISHES

092900 Gypsum Board
093013 Ceramic Tiling
095123 Acoustic Tile Ceilings
096516 Resilient Sheet Flooring
099113 Exterior Painting
099123 Interior Painting

DIVISION 10 – SPECIALTIES

101400 Signage
102113 Toilet Compartments
102239 Folding Panel Partitions
102800 Toilet Bath and Laundry Accessories
104416 Fire Extinguishers
105360 Fabric Awnings
109999 Minaret & Finials

DIVISION 14 – CONVEYING EQUIPMENT

142400 Hydraulic Elevators

ISLAMIC LIFE CENTER

DIVISION 21 - FIRE SUPPRESSION

- 211100 Facility Fire-Supp. Water-Service Piping
- 211313 Wet-Pipe Sprinkler Systems

DIVISION 22 – PLUMBING

- 220050 Common Work Results for Plumbing
- 221113 Facility Water Distribution Piping
- 221116 Domestic Water Piping
- 221119 Domestic Water Piping Specialties
- 221313 Facility Sanitary Sewers
- 221316 Sanitary Waste and Vent Piping
- 221319 Sanitary Waste Piping Specialties
- 223400 Fuel Fired Domestic Water Heaters
- 224000 Plumbing Fixtures
- 224700 Drinking Fountains and Water Coolers

DIVISION 23 - HVAC

- 230500 Common Work Results for Mechanical
- 230513 Common Motor Requirements for Mechanical Equipment
- 230529 Hangers and Supports for Mechanical Piping and Equipment
- 230593 Testing Adjusting & Balancing for HVAC
- 230700 Mechanical Insulation
- 230800 Commissioning of HVAC
- 231123 Facility Natural Gas Piping
- 233810 Gas Furnaces
- 233113 Metal Ducts
- 233300 Air Duct Accessories
- 233713 Grilles Registers Diffusers
- 237413 Packaged, Outdoor Central Station Air Handling Units (Roof Top Units)

DIVISION 26 – ELECTRICAL

- 260000 Electrical General Provisions
- 260519 Low Voltage Electrical Power Conductors and Cables
- 260526 Grounding & Bonding for Elec. Systems
- 260529 Hangers & Supports for Elec. Systems
- 260533 Raceways & Boxes for Elec. Systems
- 260553 Identification for Electrical Systems
- 260923 Lighting Control Devices
- 262416 Panelboards
- 262713 Electricity Metering
- 262726 Wiring Devices
- 262813 Fuses

- 262816 Enclosed Switches and Circuit Breakers
- 264300 Surge Suppression Devices
- 265100 Interior Lighting

DIVISION 27 – COMMUNICATIONS

- 270506 Data/VOIP System
- 271500 Communications Horizontal Cabling

DIVISION 28 – ELECTRONIC SAFETY & SECURITY

- 280513 Conductors and Cables for Electronic Safety and Security
- 283111 Digital Addressable Fire Alarm System

DIVISION 31 – EARTHWORK

- 312000 Earth Moving
- 312513 Erosion Control

DIVISION 32 – EXTERIOR IMPROVEMENTS

- 323300 Site Furnishings
- 328000 Irrigation
- 329200 Turf & Grasses
- 329216 Native Plantings
- 329300 Plants
- 331100 Water Utility Distribution Piping
- 333100 Sanitary Utility Sewerage Piping
- 334100 Storm Utility Drainage Piping

OTHER DOCUMENTS

CONSTRUCTION DRAWINGS are bound separately as “Construction Drawings, “TBD”. Refer to the Drawing Schedule on the Cover Sheet.

ADDENDA shall be issued as necessary.

ADDENDUM ONE, 11/22/2021

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END OF ADVERTISEMENT FOR BIDS



AIA[®] Document A701[™] – 2018

Instructions to Bidders

for the following Project:
(Name, location, and detailed description)

ASF Islamic Life Center
14138 Shelborne Road, Carmel IN 46074-9667
The Islamic Life Center will be a new 2-story building with a 350-person maximum capacity. The main level of approximately 13,000 SF will be at-grade and contain a Prayer Hall, large Multipurpose Room, Restrooms, Kitchen, Office/Admin Area(s), Corridors, Storage, and other support spaces. There will be 2 stairs and an elevator to the lower (basement) level of approximately 5,000 SF that will contain Classrooms and other support spaces. The Site will contain up to 2 covered canopy drop-off areas and a parking lot of approximately 100 spaces and will comply with prior zoning approvals.

THE OWNER:
(Name, legal status, address, and other information)

Al Salam Foundation Inc.
1705 West 146th Street
Carmel IN 46074
Telephone Number: 317.324.8202

THE ARCHITECT:
(Name, legal status, address, and other information)

McCoy Architects LLC, Limited Liability Company
524 East High Street
Lexington KY 40502-6443
Telephone Number: 859.233.1884

TABLE OF ARTICLES

- 1 DEFINITIONS
- 2 BIDDER'S REPRESENTATIONS
- 3 BIDDING DOCUMENTS
- 4 BIDDING PROCEDURES
- 5 CONSIDERATION OF BIDS
- 6 POST-BID INFORMATION
- 7 PERFORMANCE BOND AND PAYMENT BOND
- 8 ENUMERATION OF THE PROPOSED CONTRACT DOCUMENTS

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

FEDERAL, STATE, AND LOCAL LAWS MAY IMPOSE REQUIREMENTS ON PUBLIC PROCUREMENT CONTRACTS. CONSULT LOCAL AUTHORITIES OR AN ATTORNEY TO VERIFY REQUIREMENTS APPLICABLE TO THIS PROCUREMENT BEFORE COMPLETING THIS FORM.

It is intended that AIA Document G612[™]-2017, Owner's Instructions to the Architect, Parts A and B will be completed prior to using this document.

ARTICLE 1 DEFINITIONS

§ 1.1 Bidding Documents include the Bidding Requirements and the Proposed Contract Documents. The Bidding Requirements consist of the advertisement or invitation to bid, Instructions to Bidders, supplementary instructions to bidders, the bid form, and any other bidding forms. The Proposed Contract Documents consist of the unexecuted form of Agreement between the Owner and Contractor and that Agreement's Exhibits, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, all Addenda, and all other documents enumerated in Article 8 of these Instructions.

§ 1.2 Definitions set forth in the General Conditions of the Contract for Construction, or in other Proposed Contract Documents apply to the Bidding Documents.

§ 1.3 Addenda are written or graphic instruments issued by the Architect, which, by additions, deletions, clarifications, or corrections, modify or interpret the Bidding Documents.

§ 1.4 A Bid is a complete and properly executed proposal to do the Work for the sums stipulated therein, submitted in accordance with the Bidding Documents.

§ 1.5 The Base Bid is the sum stated in the Bid for which the Bidder offers to perform the Work described in the Bidding Documents, to which Work may be added or deleted by sums stated in Alternate Bids.

§ 1.6 An Alternate Bid (or Alternate) is an amount stated in the Bid to be added to or deducted from, or that does not change, the Base Bid if the corresponding change in the Work, as described in the Bidding Documents, is accepted.

§ 1.7 A Unit Price is an amount stated in the Bid as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, as described in the Bidding Documents.

§ 1.8 A Bidder is a person or entity who submits a Bid and who meets the requirements set forth in the Bidding Documents.

§ 1.9 A Sub-bidder is a person or entity who submits a bid to a Bidder for materials, equipment, or labor for a portion of the Work.

ARTICLE 2 BIDDER'S REPRESENTATIONS

§ 2.1 By submitting a Bid, the Bidder represents that:

- .1 the Bidder has read and understands the Bidding Documents;
- .2 the Bidder understands how the Bidding Documents relate to other portions of the Project, if any, being bid concurrently or presently under construction;
- .3 the Bid complies with the Bidding Documents;
- .4 the Bidder has visited the site, become familiar with local conditions under which the Work is to be performed, and has correlated the Bidder's observations with the requirements of the Proposed Contract Documents;
- .5 the Bid is based upon the materials, equipment, and systems required by the Bidding Documents without exception; and
- .6 the Bidder has read and understands the provisions for liquidated damages, if any, set forth in the form of Agreement between the Owner and Contractor.

ARTICLE 3 BIDDING DOCUMENTS

§ 3.1 Distribution

§ 3.1.1 Bidders shall obtain complete Bidding Documents, as indicated below, from the issuing office designated in the advertisement or invitation to bid, for the deposit sum, if any, stated therein.

(Indicate how, such as by email, website, host site/platform, paper copy, or other method Bidders shall obtain Bidding Documents.)

Bidders may obtain Documents via the Architect, Engineers, or the Owner upon request.

§ 3.1.2 Any required deposit shall be refunded to Bidders who submit a bona fide Bid and return the paper Bidding Documents in good condition within ten days after receipt of Bids. The cost to replace missing or damaged paper documents will be deducted from the deposit. A Bidder receiving a Contract award may retain the paper Bidding Documents, and the Bidder's deposit will be refunded.

§ 3.1.3 Bidding Documents will not be issued directly to Sub-bidders unless specifically offered in the advertisement or invitation to bid, or in supplementary instructions to bidders.

§ 3.1.4 Bidders shall use complete Bidding Documents in preparing Bids. Neither the Owner nor Architect assumes responsibility for errors or misinterpretations resulting from the use of incomplete Bidding Documents.

§ 3.1.5 The Bidding Documents will be available for the sole purpose of obtaining Bids on the Work. No license or grant of use is conferred by distribution of the Bidding Documents.

§ 3.2 Modification or Interpretation of Bidding Documents

§ 3.2.1 The Bidder shall carefully study the Bidding Documents, shall examine the site and local conditions, and shall notify the Architect of errors, inconsistencies, or ambiguities discovered and request clarification or interpretation pursuant to Section 3.2.2.

§ 3.2.2 Requests for clarification or interpretation of the Bidding Documents shall be submitted by the Bidder in writing and shall be received by the Architect at least seven days prior to the date for receipt of Bids.
(Indicate how, such as by email, website, host site/platform, paper copy, or other method Bidders shall submit requests for clarification and interpretation.)

Bidders may request clarifications or interpretations in writing in person, by mail or in electronic PDF format via email.

§ 3.2.3 Modifications and interpretations of the Bidding Documents shall be made by Addendum. Modifications and interpretations of the Bidding Documents made in any other manner shall not be binding, and Bidders shall not rely upon them.

§ 3.3 Substitutions

§ 3.3.1 The materials, products, and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance, and quality to be met by any proposed substitution.

§ 3.3.2 Substitution Process

§ 3.3.2.1 Written requests for substitutions shall be received by the Architect at least ten days prior to the date for receipt of Bids. Requests shall be submitted in the same manner as that established for submitting clarifications and interpretations in Section 3.2.2.

§ 3.3.2.2 Bidders shall submit substitution requests on a Substitution Request Form if one is provided in the Bidding Documents.

§ 3.3.2.3 If a Substitution Request Form is not provided, requests shall include (1) the name of the material or equipment specified in the Bidding Documents; (2) the reason for the requested substitution; (3) a complete description of the proposed substitution including the name of the material or equipment proposed as the substitute, performance and test data, and relevant drawings; and (4) any other information necessary for an evaluation. The request shall include a statement setting forth changes in other materials, equipment, or other portions of the Work, including changes in the work of other contracts or the impact on any Project Certifications (such as LEED), that will result from incorporation of the proposed substitution.

§ 3.3.3 The burden of proof of the merit of the proposed substitution is upon the proposer. The Architect's decision of approval or disapproval of a proposed substitution shall be final.

§ 3.3.4 If the Architect approves a proposed substitution prior to receipt of Bids, such approval shall be set forth in an Addendum. Approvals made in any other manner shall not be binding, and Bidders shall not rely upon them.

§ 3.3.5 No substitutions will be considered after the Contract award unless specifically provided for in the Contract Documents.

§ 3.4 Addenda

§ 3.4.1 Addenda will be transmitted to Bidders known by the issuing office to have received complete Bidding Documents.

(Indicate how, such as by email, website, host site/platform, paper copy, or other method Addenda will be transmitted.)

Addenda will be distributed in electronic PDF format via email.

§ 3.4.2 Addenda will be available where Bidding Documents are on file.

§ 3.4.3 Addenda will be issued no later than four days prior to the date for receipt of Bids, except an Addendum withdrawing the request for Bids or one which includes postponement of the date for receipt of Bids.

§ 3.4.4 Prior to submitting a Bid, each Bidder shall ascertain that the Bidder has received all Addenda issued, and the Bidder shall acknowledge their receipt in the Bid.

ARTICLE 4 BIDDING PROCEDURES

§ 4.1 Preparation of Bids

§ 4.1.1 Bids shall be submitted on the forms included with or identified in the Bidding Documents.

§ 4.1.2 All blanks on the bid form shall be legibly executed. Paper bid forms shall be executed in a non-erasable medium.

§ 4.1.3 Sums shall be expressed in both words and numbers, unless noted otherwise on the bid form. In case of discrepancy, the amount entered in words shall govern.

§ 4.1.4 Edits to entries made on paper bid forms must be initialed by the signer of the Bid.

§ 4.1.5 All requested Alternates shall be bid. If no change in the Base Bid is required, enter "No Change" or as required by the bid form.

§ 4.1.6 Where two or more Bids for designated portions of the Work have been requested, the Bidder may, without forfeiture of the bid security, state the Bidder's refusal to accept award of less than the combination of Bids stipulated by the Bidder. The Bidder shall neither make additional stipulations on the bid form nor qualify the Bid in any other manner.

§ 4.1.7 Each copy of the Bid shall state the legal name and legal status of the Bidder. As part of the documentation submitted with the Bid, the Bidder shall provide evidence of its legal authority to perform the Work in the jurisdiction where the Project is located. Each copy of the Bid shall be signed by the person or persons legally authorized to bind the Bidder to a contract. A Bid by a corporation shall further name the state of incorporation and have the corporate seal affixed. A Bid submitted by an agent shall have a current power of attorney attached, certifying the agent's authority to bind the Bidder.

§ 4.1.8 A Bidder shall incur all costs associated with the preparation of its Bid.

§ 4.2 Bid Security

§ 4.2.1 Each Bid shall be accompanied by the following bid security:

(Insert the form and amount of bid security.)

Each Bid must be accompanied by a bid security in the form of a bid bond to the Al Salam Foundation in the amount of Five Percent (5%) of the bid amount including all add alternates.

§ 4.2.2 The Bidder pledges to enter into a Contract with the Owner on the terms stated in the Bid and shall, if required, furnish bonds covering the faithful performance of the Contract and payment of all obligations arising thereunder. Should the Bidder refuse to enter into such Contract or fail to furnish such bonds if required, the amount of the bid security shall be forfeited to the Owner as liquidated damages, not as a penalty. In the event the Owner fails to comply with Section 6.2, the amount of the bid security shall not be forfeited to the Owner.

§ 4.2.3 If a surety bond is required as bid security, it shall be written on AIA Document A310™, Bid Bond, unless otherwise provided in the Bidding Documents. The attorney-in-fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of an acceptable power of attorney. The Bidder shall provide surety bonds from a company or companies lawfully authorized to issue surety bonds in the jurisdiction where the Project is located.

§ 4.2.4 The Owner will have the right to retain the bid security of Bidders to whom an award is being considered until (a) the Contract has been executed and bonds, if required, have been furnished; (b) the specified time has elapsed so that Bids may be withdrawn; or (c) all Bids have been rejected. However, if no Contract has been awarded or a Bidder has not been notified of the acceptance of its Bid, a Bidder may, beginning days after the opening of Bids, withdraw its Bid and request the return of its bid security.

§ 4.3 Submission of Bids

§ 4.3.1 A Bidder shall submit its Bid as indicated below:

(Indicate how, such as by website, host site/platform, paper copy, or other method Bidders shall submit their Bid.)

Bidders may submit bids in writing in person or by email in PDF format.

§ 4.3.2 Paper copies of the Bid, the bid security, and any other documents required to be submitted with the Bid shall be enclosed in a sealed opaque envelope. The envelope shall be addressed to the party receiving the Bids and shall be identified with the Project name, the Bidder's name and address, and, if applicable, the designated portion of the Work for which the Bid is submitted. If the Bid is sent by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation "SEALED BID ENCLOSED" on the face thereof.

§ 4.3.3 Bids shall be submitted by the date and time and at the place indicated in the invitation to bid. Bids submitted after the date and time for receipt of Bids, or at an incorrect place, will not be accepted.

§ 4.3.4 The Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids.

§ 4.3.5 A Bid submitted by any method other than as provided in this Section 4.3 will not be accepted.

§ 4.4 Modification or Withdrawal of Bid

§ 4.4.1 Prior to the date and time designated for receipt of Bids, a Bidder may submit a new Bid to replace a Bid previously submitted, or withdraw its Bid entirely, by notice to the party designated to receive the Bids. Such notice shall be received and duly recorded by the receiving party on or before the date and time set for receipt of Bids. The receiving party shall verify that replaced or withdrawn Bids are removed from the other submitted Bids and not considered. Notice of submission of a replacement Bid or withdrawal of a Bid shall be worded so as not to reveal the amount of the original Bid.

§ 4.4.2 Withdrawn Bids may be resubmitted up to the date and time designated for the receipt of Bids in the same format as that established in Section 4.3, provided they fully conform with these Instructions to Bidders. Bid security shall be in an amount sufficient for the Bid as resubmitted.

§ 4.4.3 After the date and time designated for receipt of Bids, a Bidder who discovers that it made a clerical error in its Bid shall notify the Architect of such error within two days, or pursuant to a timeframe specified by the law of the jurisdiction where the Project is located, requesting withdrawal of its Bid. Upon providing evidence of such error to the reasonable satisfaction of the Architect, the Bid shall be withdrawn and not resubmitted. If a Bid is withdrawn pursuant to this Section 4.4.3, the bid security will be attended to as follows:

(State the terms and conditions, such as Bid rank, for returning or retaining the bid security.)

ARTICLE 5 CONSIDERATION OF BIDS

§ 5.1 Opening of Bids

If stipulated in an advertisement or invitation to bid, or when otherwise required by law, Bids properly identified and received within the specified time limits will be publicly opened and read aloud. A summary of the Bids may be made available to Bidders.

§ 5.2 Rejection of Bids

Unless otherwise prohibited by law, the Owner shall have the right to reject any or all Bids.

§ 5.3 Acceptance of Bid (Award)

§ 5.3.1 It is the intent of the Owner to award a Contract to the lowest responsive and responsible Bidder, provided the Bid has been submitted in accordance with the requirements of the Bidding Documents. Unless otherwise prohibited by law, the Owner shall have the right to waive informalities and irregularities in a Bid received and to accept the Bid which, in the Owner's judgment, is in the Owner's best interests.

§ 5.3.2 Unless otherwise prohibited by law, the Owner shall have the right to accept Alternates in any order or combination, unless otherwise specifically provided in the Bidding Documents, and to determine the lowest responsive and responsible Bidder on the basis of the sum of the Base Bid and Alternates accepted.

ARTICLE 6 POST-BID INFORMATION

§ 6.1 Contractor's Qualification Statement

Bidders to whom award of a Contract is under consideration shall submit to the Architect, upon request and within the timeframe specified by the Architect, a properly executed AIA Document A305™, Contractor's Qualification Statement, unless such a Statement has been previously required and submitted for this Bid.

§ 6.2 Owner's Financial Capability

A Bidder to whom award of a Contract is under consideration may request in writing, fourteen days prior to the expiration of the time for withdrawal of Bids, that the Owner furnish to the Bidder reasonable evidence that financial arrangements have been made to fulfill the Owner's obligations under the Contract. The Owner shall then furnish such reasonable evidence to the Bidder no later than seven days prior to the expiration of the time for withdrawal of Bids. Unless such reasonable evidence is furnished within the allotted time, the Bidder will not be required to execute the Agreement between the Owner and Contractor.

§ 6.3 Submittals

§ 6.3.1 After notification of selection for the award of the Contract, the Bidder shall, as soon as practicable or as stipulated in the Bidding Documents, submit in writing to the Owner through the Architect:

- .1 a designation of the Work to be performed with the Bidder's own forces;
- .2 names of the principal products and systems proposed for the Work and the manufacturers and suppliers of each; and
- .3 names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for the principal portions of the Work.

§ 6.3.2 The Bidder will be required to establish to the satisfaction of the Architect and Owner the reliability and responsibility of the persons or entities proposed to furnish and perform the Work described in the Bidding Documents.

§ 6.3.3 Prior to the execution of the Contract, the Architect will notify the Bidder if either the Owner or Architect, after due investigation, has reasonable objection to a person or entity proposed by the Bidder. If the Owner or Architect has reasonable objection to a proposed person or entity, the Bidder may, at the Bidder's option, withdraw the Bid or submit an acceptable substitute person or entity. The Bidder may also submit any required adjustment in the Base Bid or Alternate Bid to account for the difference in cost occasioned by such substitution. The Owner may accept the adjusted bid price or disqualify the Bidder. In the event of either withdrawal or disqualification, bid security will not be forfeited.

§ 6.3.4 Persons and entities proposed by the Bidder and to whom the Owner and Architect have made no reasonable objection must be used on the Work for which they were proposed and shall not be changed except with the written consent of the Owner and Architect.

ARTICLE 7 PERFORMANCE BOND AND PAYMENT BOND

§ 7.1 Bond Requirements

§ 7.1.1 If stipulated in the Bidding Documents, the Bidder shall furnish bonds covering the faithful performance of the Contract and payment of all obligations arising thereunder.

§ 7.1.2 If the furnishing of such bonds is stipulated in the Bidding Documents, the cost shall be included in the Bid. If the furnishing of such bonds is required after receipt of bids and before execution of the Contract, the cost of such bonds shall be added to the Bid in determining the Contract Sum.

§ 7.1.3 The Bidder shall provide surety bonds from a company or companies lawfully authorized to issue surety bonds in the jurisdiction where the Project is located.

§ 7.1.4 Unless otherwise indicated below, the Penal Sum of the Payment and Performance Bonds shall be the amount of the Contract Sum.

(If Payment or Performance Bonds are to be in an amount other than 100% of the Contract Sum, indicate the dollar amount or percentage of the Contract Sum.)

§ 7.2 Time of Delivery and Form of Bonds

§ 7.2.1 The Bidder shall deliver the required bonds to the Owner not later than three days following the date of execution of the Contract. If the Work is to commence sooner in response to a letter of intent, the Bidder shall, prior to commencement of the Work, submit evidence satisfactory to the Owner that such bonds will be furnished and delivered in accordance with this Section 7.2.1.

§ 7.2.2 Unless otherwise provided, the bonds shall be written on AIA Document A312, Performance Bond and Payment Bond.

§ 7.2.3 The bonds shall be dated on or after the date of the Contract.

§ 7.2.4 The Bidder shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix to the bond a certified and current copy of the power of attorney.

ARTICLE 8 ENUMERATION OF THE PROPOSED CONTRACT DOCUMENTS

§ 8.1 Copies of the proposed Contract Documents have been made available to the Bidder and consist of the following documents:

- .1 AIA Document A101™–2017, Standard Form of Agreement Between Owner and Contractor, unless otherwise stated below.
(Insert the complete AIA Document number, including year, and Document title.)

- .2 AIA Document A101™–2017, Exhibit A, Insurance and Bonds, unless otherwise stated below.
(Insert the complete AIA Document number, including year, and Document title.)

- .3 AIA Document A201™–2017, General Conditions of the Contract for Construction, unless otherwise stated below.
(Insert the complete AIA Document number, including year, and Document title.)

- .4 AIA Document E203™–2013, Building Information Modeling and Digital Data Exhibit, dated as indicated below:
(Insert the date of the E203-2013.)

- .5 Drawings

Number	Title	Date	
.6	Specifications		
	Section	Title	Date Pages
.7	Addenda:		
	Number	Date	Pages
.8	Other Exhibits: <i>(Check all boxes that apply and include appropriate information identifying the exhibit where required.)</i>		
	<input type="checkbox"/> AIA Document E204™–2017, Sustainable Projects Exhibit, dated as indicated below: <i>(Insert the date of the E204-2017.)</i>		
	<input type="checkbox"/> The Sustainability Plan:		
	Title	Date	Pages
	<input type="checkbox"/> Supplementary and other Conditions of the Contract:		
	Document	Title	Date Pages
.9	Other documents listed below: <i>(List here any additional documents that are intended to form part of the Proposed Contract Documents.)</i>		

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SECTION 011000 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Work covered by the Contract Documents.
 - 2. Work under other contracts.
 - 3. Use of premises.
 - 4. Owner's occupancy requirements.
 - 5. Specification formats and conventions.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Identification: **Islamic Life Center**
 - 1. Project Location: **14120 Shelborne Road, Carmel, IN 46074**
- B. Owner: **Al Salam Foundation**
 - 1. Owner's Representative: **Ashhar Madni – Al Salam Foundation**
- C. Architect: **McCoy Architects LLC, 524 East High Street, Lexington, Kentucky 40502**
- D. The Work consists of the following:
 - 1. The Work includes **a new religious assembly building**
- E. Project will be constructed under a single prime contract.

1.3 USE OF PREMISES

- A. General: Contractor shall have full use of premises for construction operations, including use of Project site, during construction period. Contractor's use of premises is limited only by Owner's right to perform work or to retain other contractors on portions of Project.
- B. Use of Site: Limit use of premises to **work in areas** indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
 - 1. Limits: Confine constructions operations to **project site. CONTRACTOR SHALL NOTIFY NEIGHBORING PROPERTIES 14 DAYS PRIOR TO CONSTRUCTION (Per local authorities having jurisdiction).**

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2. Driveways and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

1.4 TIME OF COMPLETION

1. Substantial Completion: The dates of substantial completion shall be the date certified by the Consultant when the work is sufficiently complete, in accordance with the contract documents, so the Owner may conditionally accept and beneficially occupy and use all of the facilities provided under this construction contract. The total work to be done under this construction contract shall be commenced at the time stipulated in the work order to the Contractor and shall be substantially complete within the time specified by the Contractor on their Bid Form.
2. Final Completion. Subject to the General Conditions, the total work to be done under this construction contract shall be fully completed within (30) thirty consecutive calendar days after the date of substantial completion. Final Completion shall be the date that the work is complete and all contract requirements have been fulfilled by the Contractor.

1.5 ~~LIQUIDATED DAMAGES~~

~~A. Should the Contractor fail to satisfactorily complete the Work under Contract on or before the date stipulated for Substantial Completion, the Owner will suffer damages by decreased use of the facilities and increased administrative costs due to construction schedule over run. Therefore, the Contractor agrees, as a consideration for the awarding of this Contract, to pay the Owner the amount specified in the Contract, not as a penalty but as liquidated damages for each calendar day that the Contractor is in default after the stipulated time of completion. Due to the extreme difficulty of ascertaining the actual damages sustained by the Owner should the Contractor default, all parties agree that the estimated figure of **\$1,000.00** per calendar day will be utilized. This sum will apply for each consecutive calendar day beyond the date specified for Substantial Completion. If, following Substantial Completion and Beneficial Occupancy, the Contractor fails to complete the punch list in 30 days, Liquidated Damages will be assessed at the rate of **\$500.00** per calendar day until the work is declared complete. The Owner, at his discretion, may retain said amount from monthly pay requests.~~

1.6 OWNER'S OCCUPANCY REQUIREMENTS

- A. Owner Occupancy of Completed Areas of Construction: Owner reserves the right to occupy and to place and install equipment in completed areas of building, before Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and partial occupancy shall not constitute acceptance of the total Work.

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1. Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied before Owner occupancy.
2. Obtain a Certificate of Occupancy from authorities having jurisdiction before Owner occupancy.
3. Before partial Owner occupancy, mechanical and electrical systems shall be fully operational, and required tests and inspections shall be successfully completed. On occupancy, Owner will operate and maintain mechanical and electrical systems serving occupied portions of building.
4. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of building.

1.7 SPECIFICATION FORMATS AND CONVENTIONS

- A. Specification Format: The Specifications are organized into Divisions and Sections using the 16-division format and CSI/CSC's "MasterFormat" numbering system.
 1. Division 1: Sections in Division 1 govern the execution of the Work of all Sections in the Specifications.
- B. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
 1. Abbreviated Language: Language used in the Specifications and other Contract Documents is abbreviated. Words and meanings shall be interpreted as appropriate. Words implied, but not stated, shall be inferred as the sense requires. Singular words shall be interpreted as plural, and plural words shall be interpreted as singular where applicable as the context of the Contract Documents indicates.
 2. Imperative mood and streamlined language are generally used in the Specifications. Requirements expressed in the imperative mood are to be performed by Contractor. Occasionally, the indicative or subjunctive mood may be used in the Section Text for clarity to describe responsibilities that must be fulfilled indirectly by Contractor or by others when so noted.
 - a. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011000

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SECTION 096516 - RESILIENT SHEET FLOORING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Vinyl Sheet Flooring: resilient multipurpose/sport flooring

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples: For each exposed product and for each color, texture, and pattern specified.

1.3 CLOSEOUT SUBMITTALS

A. Maintenance data.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are competent in techniques required by manufacturer for resilient sheet flooring installation and seaming method indicated.

1. Engage an installer who employs workers for this Project who are trained or certified by resilient sheet flooring manufacturer for installation techniques required.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: For resilient sheet flooring, as determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.

1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

2.2 Vinyl Multipurpose/Sport Flooring (Basis of Design: Gerflor Rec 30 or Tarkett Omnisports Speed 3.5mm)

A. Product Standard: ASTM F2772-11 and ASTM Sport Flooring Classification.

1. Wear-Layer Thickness: Grade 1. Not less than 0.03 inches (0.7 mm)
2. Overall Thickness: **Not less than 0.12 inches**, (3.00 mm)

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3. Backing Class: **Class A (fibrous)**: Closed Cell foam with reinforced fiberglass grid
- B. Wearing Surface: **Smooth**
- C. Roll Width: **As standard with manufacturer: 78 inches (2 meters)**.
- D. Roll Length: **Rolls to be a minimum of 82 feet (25 meters) to minimize the number of end-seams.**
- E. Seamless-Installation Method: **Heat welded.**
- F. Colors and Patterns: **As selected from manufacturer's standard colors and patterns with options to include wood patterns to accurately simulate the visual appears of natural wood strip flooring.**
- G. Performance Criteria: ASTM-2772-11 Indoor Sports Floor Standard
 1. Shock Absorption/Force Reduction: Class C1 (10% to 22%)
 2. Ball Bounce: Minimum 90%
 3. Surface effect/Coefficient of Friction: Between 80-110
 4. Vertical Deformation: Maximum 3.5 mm
 5. Sound Insulation: EN ISO 717; 17 dB
 6. Fire Performance: ASTM E 648; Greater than 0.45 W/cm², Class 1
 7. Surface Maintenance Requirements: No-wax surface requiring only cleaning and rinsing.
 8. Slab Moisture Design Tolerance: Maximum relative humidity (RH) of 95% when tested according to ASTM F 2170.

2.3 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland-cement-based or blended hydraulic-cement-based formulation provided or approved by resilient sheet flooring manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by flooring and adhesive manufacturers to suit resilient sheet flooring and substrate conditions indicated.
- C. Seamless-Installation Accessories:
 1. Heat-Welding Bead: Manufacturer's solid-strand product for heat welding seams.
 - a. Colors: **Match flooring**
 2. Chemical-Bonding Compound: Manufacturer's product for chemically bonding seams.
- D. Game-line and Marker Paint: Complete system including primer, compatible with floor and recommended by flooring and paint manufacturer.

ISLAMIC LIFE CENTER

PART 3 - EXECUTION

3.1 PREPARATION

- A. Prepare substrates according to resilient sheet flooring manufacturer's written instructions to ensure adhesion of resilient sheet flooring.
- B. Concrete Substrates: Prepare according to ASTM F 710.
 - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
 - 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by resilient sheet flooring manufacturer. Do not use solvents.
 - 3. Alkalinity and Adhesion Testing: Perform tests recommended by resilient sheet flooring manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 9 pH.
 - 4. Moisture Testing: Perform tests so that each test area does not exceed **1000 sq. ft. (304.8 sq. m)**, and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.
 - a. Anhydrous Calcium Chloride Test: ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of **3 lb of water/1000 sq. ft. (1.36 kg of water/92.9 sq. m)** in 24 hours.
 - b. Relative Humidity Test: Using in-situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum **75** percent relative humidity level measurement.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install resilient sheet flooring until materials are the same temperature as space where they are to be installed.
 - 1. At least 48 hours in advance of installation, move flooring and installation materials into spaces where they will be installed.
- E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient sheet flooring.

3.2 RESILIENT SHEET FLOORING INSTALLATION

- A. Comply with manufacturer's written instructions for installing resilient sheet flooring.
- B. Unroll resilient sheet flooring and allow it to stabilize before cutting and fitting.
- C. Lay out resilient sheet flooring as follows:
 - 1. Maintain uniformity of flooring direction.

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2. Minimize number of seams; place seams in inconspicuous and low-traffic areas, at least 6 inches (152 mm) away from parallel joints in flooring substrates.
 3. Match edges of flooring for color shading at seams.
 4. Avoid cross seams.
- D. Scribe and cut resilient sheet flooring to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.
- E. Extend resilient sheet flooring into toe spaces, door reveals, closets, and similar openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on resilient sheet flooring as marked on substrates. Use chalk or other nonpermanent marking device.
- G. Install resilient sheet flooring on covers for telephone and electrical ducts and similar items in installation areas. Maintain overall continuity of color and pattern between pieces of flooring installed on covers and adjoining flooring. Tightly adhere flooring edges to substrates that abut covers and to cover perimeters.
- H. Adhere resilient sheet flooring to substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.
- I. Seamless Installation:
1. Heat-Welded Seams: Comply with ASTM F 1516. Rout joints and heat weld with welding bead to fuse sections permanently into a seamless flooring installation. Prepare, weld, and finish seams to produce surfaces flush with adjoining flooring surfaces.
 2. Chemically Bonded Seams: Bond seams with chemical-bonding compound to fuse sections permanently into a seamless flooring installation. Prepare seams and apply compound to produce tightly fitted seams without gaps, overlays, or excess bonding compound on flooring surfaces.
- J. Integral-Flash-Cove Base: Cove resilient sheet flooring **6 inches (152 mm)** up vertical surfaces. Support flooring at horizontal and vertical junction with cove strip. Butt at top against cap strip.
1. Install metal corners at inside and outside corners.

END OF SECTION 096516

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SECTION 105360 – FABRIC AWNINGS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. **Vinyl Fabric, Aluminum Frame Awnings**

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at **Project site**.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: Submit shop drawings for all components and application conditions of awning units which are not fully dimensioned or detailed in product data. Show relationships to adjoining work. Provide sections and details at connections and corners. Provide schedule of all units to be furnished, including field measurements at each location..

C. Samples: For each color specified.

1.4 INFORMATIONAL SUBMITTALS

A. Sample warranty.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance data.

1.6 WARRANTY

A. Special Warranty:

1. Warranty Period for Workmanship: **One year** from date of Substantial Completion.
2. Warranty Period for Fabric/Vinyl Material: **5 years** from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MATERIALS

- ##### A. Awning fabric: Vinyl laminated polyester opaque fabric. 15 oz. per sq. yd. with mildew and UV inhibitors. Flame resistance meets or exceeds local standards or requirements including the state fire marshal, NFPA-701 TM2, and ASTM E-84 class A flame spread.

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- B. Seams: All seams are to be electronically heat sealed.
- C. Framework: Frame structure to be constructed of completely welded 6063-T5 aluminum extrusions. Aluminum framing profiles shall be sized to withstand all live, dead and superimposed loads. The frame design shall meet regional code restrictions.
- D. Expansion Anchors: Zinc Plated Carbon Steel anchors shall be a pre-assembled sleeve style anchor with a hex head. Components shall be plated according to ASTM specification B63, SCI, Type III.

2.2 FABRICATION GENERAL:

- A. Shop Assembly: Preassemble items in shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation.
- B. Awning Framework: Use materials of size and thickness as required to produce strength and durability in finished product for use intended. Work to dimensions indicated or accepted on shop drawings, using proven details of fabrication and support. Use type of materials indicated or specified for various components of work.
 - 1. Form exposed work true to line and level with accurate angles and surfaces and straight sharp edges. Maintain cross-section of pipe and tubing. Crimped pipe ends, fitting and tee connections are not acceptable.
 - 2. Weld corners and seams continuously, complying with AWS recommendations. Grind and brush all welds. Braze welds are not acceptable.
 - 3. Form exposed connections with hairline joints, flush and smooth, using concealed fasteners when possible.
 - 4. Provide for anchorage of type shown, coordinated with supporting structure. Fabricate and space anchoring devices to provide adequate support for intended use.

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. General: Install awning units in manner indicated to comply with manufacturer's instructions. Position units level, plumb, secure, at proper height and location relative to adjoining window units, openings and other related work. Securely anchor units with proper clips, brackets, anchorages, suited to type of mounting indicated.
- B. Provide adequate clearances between fabric awning framework and structures to permit unencumbered operation of hardware.
- C. Attach fabric to framework as recommended by manufacturer to assure proper fit of fabric to frame.

END OF SECTION 105360

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SECTION 142400 - HYDRAULIC ELEVATORS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes hydraulic **passenger** elevators.

1.2 UNIT PRICES

- A. Unit Prices: Rock excavation for cylinder well holes is paid for under the unit price indicated in the Contract and as specified in Section 012200 "Unit Prices."

1.3 ACTION SUBMITTALS

- A. Product Data: Include capacities, sizes, performances, operations, safety features, finishes, and similar information.
- B. Shop Drawings:
 - 1. Include plans, elevations, sections, and large-scale details indicating service at each landing; machine room layout; coordination with building structure; relationships with other construction; and locations of equipment.
 - 2. Indicate maximum dynamic and static loads imposed on building structure at points of support as well as maximum and average power demands.
- C. Samples: For finishes involving color selection.

1.4 INFORMATIONAL SUBMITTALS

- A. Seismic Qualification Certificates: For elevator equipment, accessories, and components, from manufacturer.
- B. Manufacturer Certificates: Signed by elevator manufacturer, certifying that hoistway, pit, and machine room layout and dimensions, as shown on Drawings, and electrical service, as shown and specified, are adequate for elevator system being provided.

1.5 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For elevators to include in emergency, operation, and maintenance manuals.
- B. Inspection and Acceptance Certificates and Operating Permits: As required by authorities having jurisdiction for normal, unrestricted elevator use.

ISLAMIC LIFE CENTER

- C. Continuing Maintenance Proposal: Submit a continuing maintenance proposal from Installer to Owner, in the form of a standard **two-year** maintenance agreement, starting on date initial maintenance service is concluded. State services, obligations, conditions, and terms for agreement period and for future renewal options.

1.6 WARRANTY

- A. Manufacturer's Special Warranty: Manufacturer agrees to repair, restore, or replace elevator work that fails in materials or workmanship within specified warranty period.
 - 1. Warranty Period: **One (1)** year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 HYDRAULIC ELEVATOR MANUFACTURERS

- A. **TKE Endura 4000 lbs, Center Opening, Holeless Hydraulic (Basis of Design)**

2.2 PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with ASME A17.1/CSA B44.
- B. Accessibility Requirements: Comply with Section 407 in the United States Access Board's ADA-ABA Accessibility Guidelines and with ICC A117.1.
- C. Seismic Performance: Elevator system shall withstand the effects of earthquake motions determined according to **ASCE/SEI 7** and shall comply with elevator seismic requirements in ASME A17.1/CSA B44.
 - 1. Provide earthquake equipment required by ASME A17.1/CSA B44.
 - 2. Provide seismic switch required by ASCE/SEI 7.

2.3 ELEVATORS

- A. Elevator System, General: Manufacturer's standard elevator systems. Unless otherwise indicated, manufacturers' standard components shall be used, as included in standard elevator systems and as required for complete system.
- B. Elevator Description:
 - 1. Type: Holeless, beside-the-car, single-acting, **dual** cylinder.
 - 2. Rated Load: **4000 lb (1816 kg)**
 - 3. Freight Loading Class for Service Elevators: Class A.
 - 4. Rated Speed: **100 fpm**
 - 5. Operation System: **Single automatic operation**
 - 6. Security Features: **Keyswitch operation**

ISLAMIC LIFE CENTER

7. Car Enclosures:
 - a. Inside Width: 5'-5" from side wall to side wall.
 - b. Inside Depth: 7'-8" from back wall to front wall (return panels).
 - c. Inside Height: Not less than **88"** to underside of ceiling.
 - d. Front Walls (Return Panels): **Satin stainless steel, No. 4 finish** with integral car door frames.
 - e. Car Fixtures: **Satin stainless steel, No. 4 finish.**
 - f. Side and Rear Wall Panels: **Plastic laminate with reveal (in black).**
 - g. Door Faces (Interior): **Enameled or powder-coated steel.**
 - h. Ceiling: **Downlight type, metal panes of stainless-steel panels: No. 4 brushed finish with LED lights.**
 - i. Handrails: **1-1/2 inches (38 mm) round, satin stainless steel, No. 4 finish, at sides and rear** of car.
 - j. Floor: Manufacturer's standard carpet.
8. Hoistway Entrances:
 - a. Width: **48 inches (1219 mm)**
 - b. Height: **84 inches (2134 mm).**
 - c. Type: **Single-speed center opening.**
 - d. Frames **at First Floor: Enameled or powder-coated steel.**
 - e. Frames at Other Floors: **Enameled or powder-coated steel**
 - f. Door **at First Floor: Enameled or powder-coated steel**
 - g. Doors at Other Floors: **Enameled or powder-coated steel.**
9. Hall Fixtures **at First Floor: Satin stainless steel, No. 4 finish.**
10. Hall Fixtures at Other Floors: **Satin stainless steel, No. 4 finish.**
11. Additional Requirements:
 - a. Provide inspection certificate in each car, mounted under acrylic cover with frame made from **satin stainless steel, No. 4 finish.**
 - b. Provide hooks for protective pads in **all cars** and **one** complete set(s) of full-height protective pads.

2.4 SYSTEMS AND COMPONENTS

- A. Pump Units: Positive-displacement type with a maximum of 10 percent variation between no load and full load and with minimum pulsations.
 1. Pump shall be **submersible type with submersible squirrel-cage induction motor, and shall be suspended inside oil tank from vibration isolation mounts.**
- B. Hydraulic Silencers: System shall have hydraulic silencer containing pulsation-absorbing material in blowout-proof housing at pump unit.
- C. Piping: Size, type, and weight of piping as recommended by elevator manufacturer, with flexible connectors to minimize sound and vibration transmissions from power unit.
 1. Cylinder units shall be connected with dielectric couplings.

ISLAMIC LIFE CENTER

2. Casing for Underground Piping: Schedule 40 PVC pipe complying with ASTM D 1785, joined with PVC fittings complying with ASTM D 2466 and solvent cement complying with ASTM D 2564.
- D. Hydraulic Fluid: Elevator manufacturer's standard **fire-resistant** fluid with additives as needed to prevent oxidation of fluid, corrosion of cylinder and other components, and other adverse effects.
- E. Protective Cylinder Casing: PVC or HDPE pipe casing complying with ASME A17.1/CSA B44, of sufficient size to provide not less than **1-inch (25-mm)** clearance from cylinder and extending above pit floor. Casing shall have means of monitoring effectiveness to comply with ASME A17.1/CSA B44.
- F. Guides: **guides with guide-rail lubricators**]. Provide guides at top and bottom of car frame.

2.5 OPERATION SYSTEMS

- A. General: Provide manufacturer's standard microprocessor operation system as required to provide type of operation indicated.
- B. Auxiliary Operations:
 1. Single-Car Battery-Powered Lowering: When power fails, car is lowered to the lowest floor, opens its doors, and shuts down. System includes rechargeable battery and automatic recharging system.
 2. Off-Peak Operation: During periods of low traffic, half of the elevators in a group shall be taken out of service and switched to low-power mode.
 3. Independent Service: Keyswitch in car-control station removes car from group operation and allows it to respond only to car calls.
 4. Automatic Operation of Lights and Fan: When elevator is stopped and unoccupied with doors closed, lighting, ventilation fan, and cab displays are de-energized after 5 minutes and are re-energized before car doors open.
- C. Security Features: Security features shall not affect emergency firefighters' service.
 1. Keyswitch Operation: Push buttons are activated and deactivated by security keyswitches at car-control stations.

2.6 DOOR-REOPENING DEVICES

- A. Infrared Array: Provide door-reopening device with uniform array of 36 or more microprocessor-controlled, infrared light beams projecting across car entrance. Interruption of one or more light beams shall cause doors to stop and reopen.
- B. Nudging Feature: After car doors are prevented from closing for predetermined adjustable time, through activating door-reopening device, a loud buzzer shall sound and doors shall begin to close at reduced kinetic energy.

ISLAMIC LIFE CENTER

2.7 CAR ENCLOSURES

- A. General: Provide **enameled- or powder-coated-steel car enclosures to receive removable wall panels**, with **removable** car roof, access doors, power door operators, and ventilation.
1. Provide standard railings complying with ASME A17.1/CSA B44 on car tops where required by ASME A17.1/CSA B44.
- B. Materials and Finishes: Manufacturer's standards, but not less than the following:
1. Plastic-Laminate Wall Panels: Plastic laminate adhesively applied to **1/2-inch (13-mm) fire-retardant-treated particleboard** with **plastic-laminate panel backing and** manufacturer's standard protective edge trim. Panels have a flame-spread index of **[25] [75]** or less, when tested according to ASTM E 84. Plastic-laminate color, texture, and pattern as selected by Architect from **plastic-laminate** manufacturer's full range.
 2. Stainless-Steel Doors: Flush, hollow-metal construction; fabricated **from stainless-steel sheet**.
 3. Sight Guards: Provide sight guards on car doors.
 4. Sills: Extruded or machined metal, with grooved surface, 1/4 inch (6.4 mm) thick.
 5. Luminous Ceiling: **LED or** fluorescent light fixtures and ceiling panels of translucent acrylic or other permanent rigid plastic.
 6. Light Fixture Efficiency: Not less than 35 lumens/W.
 7. Ventilation Fan Efficiency: Not less than 3.0 cfm/W (1.4 L/s per W).

2.8 HOISTWAY ENTRANCES

- A. Hoistway Entrance Assemblies: Manufacturer's standard horizontal-sliding, door-and-frame hoistway entrances complete with track systems, hardware, sills, and accessories. Frame size and profile shall accommodate hoistway wall construction.
1. Where gypsum board wall construction is indicated, frames shall be self-supporting with reinforced head sections.
- B. Fire-Rated Hoistway Entrance Assemblies: Door-and-frame assemblies shall comply with ASTM E2074, CAN4-S104 (ULC-S104), UL10(b), and NFPA 80 and be listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction based on testing at as close-to-neutral pressure as possible according to **[NFPA 252] [or] [UL 10B]**.
- C. Materials and Fabrication: Manufacturer's standards, but not less than the following:
1. Enameled- or Powder-Coated-Steel Frames: Formed from cold- or hot-rolled steel sheet. Provide with factory-applied enamel or powder-coat finish; colors as selected by Architect from manufacturer's full range.
 2. Enameled- or Powder-Coated-Steel Doors: Flush, hollow-metal construction; fabricated from cold-rolled steel sheet. Provide with factory-applied enamel or powder-coat finish; colors as selected by Architect from manufacturer's full range.
 3. Sight Guards: Provide sight guards on doors matching door edges.
 4. Sills: Extruded or machined metal, with grooved surface, 1/4 inch (6.4 mm) thick.
 5. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107/C 1107M.

ISLAMIC LIFE CENTER

2.9 SIGNAL EQUIPMENT

- A. General: Provide hall-call and car-call buttons that light when activated and remain lit until call has been fulfilled. Provide buttons and lighted elements illuminated with LEDs.
- B. Car-Control Stations: Provide manufacturer's standard **recessed** car-control stations. Mount in return panel adjacent to car door unless otherwise indicated.
 - 1. Provide "No Smoking" sign matching car-control station, either integral with car-control station or mounted adjacent to it, with text and graphics as required by authorities having jurisdiction.
- C. Emergency Communication System: Two-way voice communication system, with visible signal, which dials preprogrammed number of monitoring station and does not require handset use. System is contained in flush-mounted cabinet, with identification, instructions for use, and battery backup power supply.
- D. Car Position Indicator: Provide **illuminated**, digital-type car position indicator, located above car door or above car-control station. Also, provide audible signal to indicate to passengers that car is either stopping at or passing each of the floors served. Include travel direction arrows if not provided in car-control station.
- E. Hall Push-Button Stations: Provide hall push-button station at each landing as indicated.
- F. **Column Mounted Car Riding Lanterns: A car riding lantern shall be installed in the elevator cab and located in the entrance. The lantern, when illuminated, will indicate the intended direction of travel. The lantern will illuminate and a signal will sound when the car arrives at a floor where it will stop. The lantern shall remain illuminated until the door(s) begin to close.**
- G. Hall Annunciator: With each hall lantern, provide audible signals indicating car arrival and direction of travel. Signals sound once for up and twice for down.
- H. Emergency Pictorial Signs: Fabricate from materials matching hall push-button stations, with text and graphics as required by authorities having jurisdiction, indicating that in case of fire, elevators are out of service and exits should be used instead. Provide one sign at each hall push-button station unless otherwise indicated.

2.10 FINISH MATERIALS

- A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, commercial steel, Type B, exposed, matte finish.
- B. Hot-Rolled Steel Sheet: ASTM A 1011/A 1011M, commercial steel, Type B, pickled.
- C. Stainless-Steel Sheet: ASTM A 240/A 240M, Type **441**.
- D. Stainless-Steel Bars: ASTM A 276, Type 304.
- E. Stainless-Steel Tubing: ASTM A 554, Grade MT 304.
- F. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), Alloy 6063.

ISLAMIC LIFE CENTER

- G. Plastic Laminate: High-pressure type complying with NEMA LD 3, Type HGS or Type HGL.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install cylinder plumb and accurately centered for elevator car position and travel. Anchor securely in place, supported at pit floor and braced at intervals as needed to maintain alignment. Anchor cylinder guides at spacing needed to maintain alignment and avoid overstressing guides.
- B. Sound Isolation: Mount rotating and vibrating equipment on vibration-isolating mounts to minimize vibration transmission to structure and structure-borne noise due to elevator system.
- C. Lubricate operating parts of systems as recommended by manufacturers.
- D. Leveling Tolerance: 1/4 inch (6 mm), up or down, regardless of load and travel direction.
- E. Set sills flush with finished floor surface at landing. Fill space under sill solidly with nonshrink, nonmetallic grout.
- F. Locate hall signal equipment for elevators as follows unless otherwise indicated:
 - 1. For groups of elevators, locate hall push-button stations between two elevators at center of group or at location most convenient for approaching passengers.
 - 2. Place hall lanterns either above or beside each hoistway entrance.
 - 3. Mount hall lanterns at a minimum of 72 inches (1829 mm) above finished floor.

3.2 FIELD QUALITY CONTROL

- A. Acceptance Testing: On completion of elevator installation and before permitting elevator use (either temporary or permanent), perform acceptance tests as required and recommended by ASME A17.1/CSA B44 and by governing regulations and agencies.

3.3 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to operate, elevator(s).

3.4 MAINTENANCE

- A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service shall include **12** months' full maintenance by skilled employees of elevator Installer. Include monthly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper elevator operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.

END OF SECTION 142400

ISLAMIC LIFE CENTER

SECTION 32 33 00 – SITE FURNISHINGS

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Flag Pole (BASE BID)
 - 2. Bike Rack (BASE BID)
 - 3.
- B. Related Sections include the following:
 - 1. Division 31 Section "Earth Moving" for soil materials, excavating, backfilling and site grading requirements.

1.3 SUBMITTALS

- A. General: Submit the following according to Conditions of Contract and Division 1 Specification Sections.
- B. Product Data: For each type of site furnishing specified, with installation instruction for each unit built-in or connected to other construction. Include methods of installation for each type of substrate.
- C. Samples for Initial Selection Purposes: Manufacturer's standard size samples showing full range of colors, textures, and patterns available for each type of site furnishing required.
- D. Submissions for Verification Purposes: Manufacturer's standard sizes for each type of site furnishing required.
- E. Shop Drawings: For each piece of site furniture, indicating dimensions, anchoring methods, color, finish, etc. Shop drawings will allow for final approval from Landscape Architect and coordination of installation by Contractor.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm (Material Producer) with not less than three (3) years of production experience, and whose published literature clearly indicates compliance with the indicated requirements of this Section.
- B. Single Source Responsibility: Provide each required type of site furnishing as produced by a single manufacturer

1.5 DELIVERY, STORAGE AND HANDLING

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- A. Deliver materials to Project site in original factory wrappings and/or containers, clearly labeled with identification of manufacturer, brand name and lot number (as applicable).
 - 1. Sequence delivery of site furnishings as near as practicable to required time scheduled for installation so as to minimize the required amount of onsite storage time.
 - 2. Store materials in original, undamaged packages and containers, protected from the elements, soiling and other potential sources of damage.
- B. Comply with instructions and recommendations of manufacturer for additional delivery, storage and handling requirements.

1.6 MAINTENANCE

- A. Maintenance Instructions: Submit manufacturer's printed instructions for maintenance of installed Work, including methods and frequency recommended for maintaining optimum condition under anticipated use conditions. Include precautions about materials and methods which may be detrimental to finishes and performance.

PART 2 - PRODUCTS

2.1 MISCELLANEOUS MATERIALS

- A. Welding Electrodes and Filler Metal: Type and alloy of filler metal and electrodes as recommended by producer of metal to be welded, complying with applicable AWS specifications and as required for color match, strength and compatibility in fabricated items.
- B. Cast-in-Place Anchors: Anchors fabricated from corrosion-resistant materials with capability to sustain imposed design loads when installed in concrete as determined by testing per ASTM E 488 conducted by a qualified independent testing agency.
- C. Fasteners: Use fasteners of same basic metal as the fastened metal, unless otherwise indicated. Do not use metals that are corrosive or incompatible with materials joined.
 - 1. Provide concealed fasteners for connection of site furnishings and for their attachment to other Work except where exposed fasteners are unavoidable. Provide tamper-proof and corrosion-resistant machine screws for exposed fasteners, unless otherwise indicated or approved by the Landscape Architect.

2.2 FABRICATION, GENERAL

- A. Provide site furnishing items, both freestanding and permanently installed, equipped with functions as specified. Fabricate units with tight seams and joints, exposed metal edges rolled. Provide products with smooth welds, consistent finish with no evidence of wrinkling, chipping, uneven coloration, dents or other imperfections.

2.3 FLAG POLE

- A. As provided by Admiral Flag, Inc, Columbus, OH, (800) 783-7653, or approved equal prior to bidding.

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1. Model: Aluminum Architectural Commercial CG45OPT
2. Height: 45'
3. Finial: Gold Ball
4. Finish: Satin
5. Halyard: Double halyard
6. Snaps: 2 sets
7. Flag Size: 8' x 12' polyester

B. Approved equal prior to bidding

2.4 BIKE RACK

A. As provided by Madrax 1080 Uniek Drive, Waunakee, WI 53597 608-849-1080

1. Model: U Bike Rack U238
2. Capacity: 2 bikes
3. Size: 20" width x 34" height
4. Mounting: surface mounted
5. Finish: Powder Coated
6. Color: to be selected by Landscape Architect from manufacture's standard color pallet
7. Tube Size: 2 3/8"
8. Provide Tamper resistant zinc Spike

B. Approved equal prior to bidding

PART 3 - EXECUTION

3.1 PREPARATION

A. Coordinate and furnish anchorages and setting drawings, diagrams, templates, instructions and directions for installing items having integral anchors that are to be embedded in concrete or masonry construction. Coordinate delivery of such items to the Project site.

3.2 INSTALLATION, GENERAL

A. Provide anchorage devices and fasteners where necessary for securing site furnishings to in-place construction.

B. As required, and in accordance with manufacturer's written recommendations, perform drilling and fitting to install units. Set units accurately in location, alignment and elevation, plumb, level and true, measured from established lines and levels. Provide temporary bracing or anchors in form work for items that are to be built into concrete, masonry or similar construction.

C. Fit exposed connections accurately together to form tight, hairline joints. If cutting, welding and/or grinding is required for proper shop fitting and joining of site furnishings, restore finishes to completely eliminate any evidence of such corrective Work.

ISLAMIC LIFE CENTER

1. Do not cut or abrade finishes that cannot be completely restored in the field. Return items with such finishes to the shop for required alterations, followed by complete refinishing, or provide new units as required by the Owner.

3.3 INSTALLATION

- A. Verify that materials are those specified before installing. Inspect site furnishings to ensure that all units are complete, including fasteners, anchoring devices and/or accessories required for installation as shown and indicated.
- B. Coordinate installation of site furnishings with related Work to ensure that units will be undamaged at time of acceptance of Work. Provide temporary protective covering for units to avoid damage during the remainder of the construction period. Remove any temporary coverings at time of Substantial Completion.
- C. Remove and replace all damaged or defective items at no additional cost to the Owner. Clean and polish exposed surfaces using materials and methods as recommended by the manufacturer.

END OF SECTION