## **SPECIFICATIONS**

## **FOR**

# LDS Freedom - Air Conditioning

Property # 501 5324 State Hwy 239 Freedom, Wyoming 83120

September 2019



Prepared by

Engineered Systems Associates, Inc. 1355 East Center Pocatello, Idaho 83201 208-233-0501

#### **INDEX**

INVITATION TO BID
INSTRUCTIONS TO BIDDERS
SUBCONTRACTORS AND MAJOR MATERIALS SUPPLIERS LIST
EQUAL PRODUCT APPROVAL REQUEST FORM
CONSTRUCTION MATERIAL ASBESTOS STATEMENT
SUPPLEMENTARY CONDITIONS
CONTRACTOR BID PROPOSAL & MAINTENANCE PROJECT AGREEMENT

#### **DIVISION 01: BIDS & CONTRACT DOCUMENTS**

- 01 1100 SUMMARY OF WORK
- 01 1200 MULTIPLE CONTRACT SUMMARY
- 01 1400 WORK RESTRICTIONS
- 01 2900 PAYMENT PROCEDURES
- 01 3000 ADMINISTRATIVE REQUIREMENTS
- 01 3100 PROJECT MANAGEMENT AND COORDINATION
- 01 3300 SUBMITTAL PROCEDURES
- 01 3500 SPECIAL PROCEDURES
- 01 4000 QUALITY REQUIREMENTS
- 01 4301 QUALITY ASSURANCE QUALIFICATIONS
- 01 6100 COMMON PRODUCT REQUIREMENTS
- 01 6200 PRODUCT OPTIONS
- 01 6600 PRODUCT DELIVERY, STORAGE, AND HANDLING REQUIREMENTS
- 01 7000 EXECUTION REQUIREMENTS
- 01 7400 CLEANING AND WASTE MANAGEMENT
- 01 7700 CLOSEOUT PROCEDURES
- 01 7800 CLOSEOUT SUBMITTALS

#### **DIVISION 03: CONCRETE**

#### 03 1000 CONCRETE FORMING AND ACCESSORIES

03 1113 STRUCTURAL CAST-IN-PLACE CONCRETE FORMING

#### 03 3000 CAST-IN-PLACE CONCRETE

- 03 3111 CAST-IN-PLACE STRUCTURAL CONCRETE
- 03 2923 MEMBRANE CONCRETE CURING

#### **DIVISION 07: THERMAL AND MOISTURE PROTECTION**

#### 079000 JOINT PROTECTION

07 9213 ELASTOMERIC JOINT SEALANTS

#### **DIVISION 23: HEATING, VENTILATING AND AIR CONDITIONING**

#### 23 0000 HEATING, VENTILATING, AND AIR-CONDITIONING

- 23 0501 COMMON HVAC REQUIREMENTS
- 23 0529 HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT
- 23 0553 IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
- 23 0593 DUCT TESTING, ADJUSTING AND BALANCING
- 23 0713 DUCT INSULATION
- 23 0719 HVAC PIPING INSULATION
- 23 0800 DEMOLITION AND REPAIR
- 23 0933 ELECTRIC AND ELECTRONIC CONTROL SYSTEM FOR HVAC

#### 23 2000 HVAC PIPING AND PUMPS

23 2300	REFRIGERANT PIPING

23 2600 CONDENSATE DRAIN PIPING

#### 23 3000 HVAC AIR DISTRIBUTION

#### 23 3001 COMMON DUCT REQUIREMENTS

- 23 3114 LOW-PRESSURE METAL DUCTS
- 23 3300 AIR DUCT ACCESSORIES

#### 23 4000 HVAC AIR CLEANING DEVICES

23 4100 AIR FILTERS

#### 23 5000 CENTRAL HEATING EQUIPMENT

23 5417 GAS-FIRED FURNACES

#### 23 6000 CENTRAL COOLING EQUIPMENT

23 6213 AIR-COOLED REFRIGERANT CONDENSERS

#### DIVISION 26: ELECTRICAL

#### 26 0500 COMMON WORK RESULTS FOR ELECTRICAL

- 26 0501 COMMON-ELECTRICAL REQUIREMENTS
- 26 0519 LINE-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
- 26 0523 CONTROL-VOLTAGE ELECTRICAL CABLES
- 26 0533 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS

#### 26 2000 LOW-VOLTAGE ELECTRICAL TRANSMISSION

26 2816 ENCLOSED SWITCHES AND CIRCUIT BREAKERS

## INVITATION TO BID

#### 1. CONTRACTORS INVITED TO BID THE PROJECT:

Commercial Metal Works, Inc.- Shelley, ID (208)-357-2347

JM Mechanical- Logan, UT (435)-563-6267

Systems Complete, Inc.- Pleasant View, UT (801)-319-8083

AMS Mechanical- West Valley, UT (801)-755-0623

#### 2. PROJECT:

LDS Freedom - Air Conditioning

#### 3. LOCATION:

State HWY 239 Freedom, WY

#### 4. OWNER:

Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, A Utah Corporation Sole 50 East North Temple Street Salt Lake City, Utah 84150

#### 5. CONSULTANT:

Dwayne Sudweeks Engineered Systems Associates, Inc. 1355 East Center Pocatello, Idaho 83201

#### 6. DESCRIPTION OF PROJECT:

- A. Add air conditioning to Chapel, Cultural Hall, and South Wing Classrooms.
- 7. TYPE OF BID: Bids will be on a lump-sum basis. Segregated bids will not be accepted.
- **8. TIME OF SUBSTANTIAL COMPLETION:** The time limit for substantial completion of this Work will be 120 calendar days and will be as noted in the Agreement.
- **9. PRE-BID WALK-THRU:** There will be a pre-bid walk-thru of the project at 10:00 AM September 17, 2019. Attendance is highly encouraged.
- **10. BID OPENING:** Sealed Bids will be opened at the Montpelier, Idaho FM Group Office at 10:00 AM September 26, 2019. (Please submit proposals by mail or in person. Faxed proposals cannot be considered.)

#### 11. BIDDING DOCUMENTS:

- A. Bidding Documents are available to invited Contractors.
- 12. BIDDER'S QUALIFICATIONS: Bidding by the Contractors will be by invitation only.
- **13. OWNER'S RIGHT TO REJECT BIDS:** Owner reserves the right to reject any or all bids and to waive any irregularity therein.

END OF DOCUMENT

# INSTRUCTIONS TO BIDDERS

#### 1. DOCUMENTS:

- A. Bidding Documents include Bidding Requirements and proposed Contract Documents. Proposed Contract Documents consist of:
  - 1. Contractor's Bid Proposal and Maintenance Project Agreement
  - 2. Other documents included by reference
  - 3. Addenda.
- B. Bidding Requirements are those documents identified as such in proposed Project Manual.
- C. Addenda are written or graphic documents issued prior to execution of the Contract which modify or interpret the Bidding Documents. They become part of the Contract Documents as noted in the Contractor's Bid Proposal and Maintenance Project Agreement upon execution of the Agreement by Owner.

#### 2. BIDDER'S REPRESENTATIONS:

- A. By submitting a bid proposal, bidder represents that
  - Bidder has carefully studied and compared Bidding Documents with each other.
     Bidder understands the Bidding Documents and the bid is fully in accordance with the requirements of those documents,
  - 2. Bidder has thoroughly examined the site and any building located thereon, has become familiar with local conditions which might directly or indirectly affect contract work, and has correlated its personal observations with requirements of proposed Contract Documents, and
  - 3. Bid is based on materials, equipment, and systems required by Bidding Documents without exception.

#### 3. BIDDING DOCUMENTS:

- A. Copies
  - 1. Owner will provide the Bidding Documents as set forth in the Invitation to Bid.
  - 2. Partial sets of Bidding Documents will not be issued.
  - B. Interpretation Or Correction Of Bidding Documents
    - 1. Bidders will request interpretation or correction of any apparent errors, discrepancies, and omissions in the Bidding Documents.
    - 2. Corrections or changes to Bidding Documents will be made by written Addenda.
- C. Substitutions And Equal Products
  - 1. Equal products may be approved upon compliance with Contract Document requirements.
  - 2. Base bid only on materials, equipment, systems, suppliers or performance qualities specified in the Bidding documents.
  - 3. Where a specified product is identified as a "quality standard", products of other manufacturers that meet the performance, properties, and characteristics of the specified "quality standard" may be used without specific approval as a substitute.
- D. Addenda. Addenda will be sent to bidders and to locations where Bidding Documents are on file no later than one week prior to bid opening or by fax no later than 48 hours prior to bid opening.

#### 4. BIDDING PROCEDURES:

- A. Form And Style Of Bids
  - 1. Use Owner's Bid Form titled "Contractor's Bid Proposal And Maintenance Project

- Agreement".
- 2. Bid will be complete and executed by authorized representative of Bidder.
- 3. Do not delete from or add to the information requested on bid form.

#### B. Submission of Bids

- 1. Submit bid in sealed opaque envelope containing only bid form.
- 2. It is bidder's sole responsibility to see that its bid is received at or before the specified time. Bids received after specified bid opening time may be returned to bidders unopened.
- 3. No oral, facsimile transmitted, telegraphic, or telephonic bids, modifications, or cancellations will be considered.

#### D. Modification Or Withdrawal Of Bid

- Bidder guarantees there will be no revisions or withdrawal of bid amount for 45 days after bid opening.
- 2. Prior to bid opening, bidders may withdraw bid by written request or by reclaiming bid envelope.
- 3. Prior to bid opening, bidder may mark and sign on the sealed envelope that bidder acknowledges any or all Addenda.

#### 5. CONSIDERATION OF BIDS:

- A. Opening Of Bids Sealed bids will be opened at the <u>26 of September 2019</u>, where they will be opened and read out loud.
- B. Acceptance Of Bid
  - 1. No bidder will consider itself under contract after opening and reading of bids until Owner accepts Contractor's Bid Proposal by executing same.
  - 2. Bidder's past performance, organization, subcontractor selection, equipment, and ability to perform and complete its contract in manner and within time specified, together with amount of bid, will be elements considered in award of contract.

#### 6. FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR:

A. Agreement form will be "Contractor's Bid Proposal and Maintenance Project Agreement" provided by Owner.

#### 7. MISCELLANEOUS:

A. Pre-Bid Conference. There will be a walk-thru of the project at LDS Freedom - Air Conditioning

END OF DOCUMENT

## SUBCONTRACTORS AND MAJOR MATERIALS SUPPLIERS LIST

Project Name:	Date:	
Stake:	Project No:	
General Contractor:		
General Contractor is to provide the na Manager immediately following the bio	nmes of the following subcontractors and suppliers to the dopening:	Church Project
	VMR SUBCONTRACTORS	
Roofing		
Doors, Frames & Hardware		
Storefronts		
Wood Flooring		
Other		-
Other		-
	SUBCONTRACTORS AND SUPPLIERS	
Grading / Site work		-
Site Utilities		-
Demolition		
Paving		
Termite Control		
Site Concrete		
Fencing		
Irrigation System		
Landscaping		
Building Concrete		
Masonry		
Structural Steel		-
Framing		-
Truscos		

Insulation
EIFS
Soffit / Fascia
Steeple
Millwork
Drywall
Ceramic Tile
Acoustical Tile
Painting
Wall Coverings
Elevators / Lifts
Draperies
Fire Sprinklers
Plumbing
HVAC
Electrical
Controls
Sound / Satellite

# EQUAL PRODUCT APPROVAL REQUEST FORM

Projec	Name: LDS Freedom - Air Conditioning Number: 501 5324		
TO:			
FRON			
BID D	TE: September 26, 2019		
until it	osed product is not legally approved and cannot legally be included in a bid or used in the Work appears in an Addendum or other Contract Modification as defined in the General Conditions. See ions To Bidders Paragraph 3,C, General Conditions, and Section 016000.		
PROF	DSED EQUAL PRODUCT:		
Speci	cation Section:		
·	ed Products:		
·	ed Product:		
<ol> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol> ATTA	dersigned certifies: Proposed equal product has been fully investigated and determined to be equal or superior in all espects to specified products. Same warranty will be furnished for proposed equal product as for specified products. Same maintenance service and source of replacement parts, as applicable, is available. Proposed equal product will have no adverse effect on other trades and will not affect or delay progress schedule. Proposed equal product does not affect dimensions and functional clearances.  CHMENTS:  the following attachments - Copy of the Project Manual Section where the proposed equal product would be specified, ewritten or red-lined to include any changes necessary to correctly specify the proposed equal		
<ol> <li>3.</li> </ol>	product. Identify completely changes necessary to the original Project Manual Section. Copies of details, elevations, cross-sections, and other elements of the Project Drawings redone as necessary to show changes necessary to accommodate proposed equal product. Identify completely the changes from the original Drawings. Complete product literature and technical data, installation and maintenance instructions, test results, and other information required to show complete conformance with requirements of the Contract Documents.		
SIGN	D:		
	Company		
	Address		
	City, State, Zip		
	Tolophone		

REVIEW COMMENTS:				
Accepted. See Addenda Number				
Submission Not in Compliance with Instructions. Respond to attached comments and resubmit.				
Proposed Equal Product Not Acceptable. Use specified products.  Not Reviewed. Submission received too late. Use specified products.				

BY: \_\_\_\_\_\_ DATE: \_\_\_\_\_

# CONSTRUCTION MATERIAL ASBESTOS STATEMENT (U.S.)

### PROJECTS FOR: CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Building Name:	LDS Freedom - Air Conditioning				
Building Plan Type:	A/C				
Building Address:	State Highway 239, Freedom, WY				
Building Owner:	Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, a Utah corporation sole.				
Project Number:	501 5324				
Completion Date:					
inspection, and belief	ULTANT and principal in charge; based of it is a certify that on the above referenced Pro- ied in the construction documents or given				
Project Consultant and	d Principal in Charge (signature)	Date			
Company Name					
	TRACTOR in charge of construction; base; I affirm that on the above-referenced Pronte the construction.				
General Contractor (si	gnature)	Date			
Company Name					

## SUPPLEMENTARY CONDITIONS

MAINTENANCE PROJECT AGREEMENT (U.S.)

#### ITEM 1 - GENERAL

- 1. Conditions of the Contract apply to each Division of the Specifications.
- 2. Provisions contained in Division 01 apply to all other Divisions of the Specifications.

#### ITEM 2 - LIQUIDATED DAMAGES PAYABLE TO OWNER:

<u>Delay in Completion of the Work</u>. For each day after the expiration of the designated Time of Completion that Contractor has not completed the Work, Contractor will pay Owner the amount of FIFTY dollars (\$50.00) per day as liquidated damages for Owner's loss of use and the added administrative expense to Owner to administer the Project during the period of delay. In addition, Contractor will reimburse Owner for any additional Architect's fees, attorneys' fees, expert fees, consultant fees, copy costs, and other expenses incurred by Owner as a result of the delay. Owner may deduct any liquidated damages or reimbursable expenses from any money due or to become due to Contractor. If the amount of liquidated damages and reimbursable expenses exceeds any amounts due to Contractor, Contractor will pay the difference to Owner within ten (10) days after receipt of a written request from Owner for payment.

**END OF DOCUMENT**