





Purchasing Division
Finance Department
Room 120
411 West First Street
Duluth, Minnesota 55802

 218-730-5340
 purchasing@duluthmn.gov

Addendum 1
23-4403
Construct Ranch Hangar at Duluth International Airport

This addendum serves to notify all bidders of the following changes to the solicitation documents:

1. The Invitation for Bid from the City's website has been added to the Bid Express solicitation.
2. Please see additional information regarding the bid documents attached.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the www.bidexpress.com solicitation.

Posted: **February 15, 2023**

Project: 2023 Ranch Hangar

Owner: Duluth Airport Authority

Issue Date: February 15th, 2023

Bid Date: March 2nd, 2023 [unaffected]

To: Prospective Bidders

From: Kraus-Anderson Construction Company

501 South 8th Street
Minneapolis, MN 55404

1.01 INTRODUCTION

- A. This Addendum is a Contract Document that modifies the original Bidding Documents dated February 8th, 2023. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bid to disqualification.
- B. Use descriptions of changes to Specifications and Drawings in this Document only as a guide only. When Specification Sections or Drawings are issued or reissued with this Addendum the changes made in Specification or on Drawings take precedence over narrative description. When the Specification Section or Drawing is not reissued, the narrative description in this Addendum will communicate the revisions. Each Bidder shall make an independent determination of the work affected by Addendum items.
- C. This Addendum consists of 1 pages, plus attachments listed below. Specification Sections and Drawings are not attached unless specifically indicated as (Attached).
- D. **Specification Revisions:** When Specification Sections are reissued, they will be replaced in their entirety. Revisions will be identified by a "Revision Note" that identifies which paragraph was revised, deleted or added. Revised text will be highlighted by overstriking deleted text and underlining new text.
- E. **Drawing Revisions:** Drawings replaced in their entirety with revisions identified by clouding changes and adding a "Revision Delta" near the cloud. The Revision ledger will indicate the date of the revision.

1.02 CHANGES TO DOCUMENTS

Modifications to KA Special Requirements

- 1. 00 1110 – KA Ad for Bids – Bid Express: Document is revised to incorporate changes made by this Addendum. Replace in its entirety. (Attached).
- 2. 00 2100 – KA Instructions to Bidders: Document is revised to incorporate changes made by this Addendum. Replace in its entirety. (Attached).
- 3. 01 1220-13-G – Pre-Engineered Metal Building – Material Only: Document is revised to incorporate changes made by this Addendum. Replace in its entirety. (Attached).
- 4. 01 1220-13-H – Pre-Engineered Metal Building – Erection Only: Document is revised to incorporate changes made by this Addendum. Replace in its entirety. (Attached).
- 5. 01 1220-31-A – Site Clearing and Earthwork: Document is revised to incorporate changes made by this Addendum. Replace in its entirety. (Attached).

Modifications to Specifications

- 6. None.

Modifications to Project Drawings

- 7. None.

-- End of Addendum --

Section 00 1110 – Advertisement for Bids

1.01 INTRODUCTORY INFORMATION

- A. **From:** City of Duluth on behalf of Duluth Airport Authority (Owner) and its construction manager, Kraus-Anderson Construction Company.
- B. **Project:** 2023 Ranch Hangar
- C. **Bid Express Solicitation Number:** 23-4403
- D. **Key Dates:**
1. Pre Bid Date: Thursday, February 16th at 10:00 AM CST
 - a. **Location:**
 - 1) In-person at the Duluth International Airport
 - a) 4701 Grinden Drive, Duluth, MN 55811
 - b) Amatuzio 3rd Floor Conference Room – take elevator to 3rd Floor
 - c) Parking will be validated
 - 2) Virtually via Zoom,
link: <https://krausanderson.zoom.us/j/84704400987?pwd=ZVFjUHFrcWVSdJmTGN2cnFtOHNPZz09>
Meeting ID: 847 0440 0987
Passcode: 108897
 2. Cutoff Date for Questions: February 17th, 2023 at 5:00 PM CST
 3. Bid Due Date: March 2nd, 2023 at 2:00 P.M. CST via online bidding program Bid Express

E. **Method of Delivery:** Kraus-Anderson Construction Company has been selected as an Agency Construction Manager by Duluth Airport Authority to administer the construction of the 2023 Ranch Hangar at the Duluth International Airport, 4701 Grinden Drive, Duluth, MN 55811.

 1. The overall project consists of a new 9,000 SF Pre-Engineered Metal Building.
 2. The work will be constructed in accordance with the Project Schedule.

F. **Work Included in this Offering:** We are presently soliciting competitive “Prime Contract Bids” for the following portions of work as defined herein.

 1. All portions of the Work as defined in Section 01 12 10.

G. **Bid Date and Location:** Bids will be received electronically through the City of Duluth’s Bid Express online platform at www.BidExpress.com. Drawings and specifications may be viewed and downloaded at no cost at www.bidexpress.com. Bidders must create a free account with Bid Express®; and login to search for city projects (search by “City of Duluth” or bid number). Bid Express® does charge a nominal fee for bid submission. More information can be found at https://www.bidexpress.com/vendor_resources. Bids will be received until 2:00 PM, on March 2nd, 2023. The City Purchasing Agent or her designee will conduct a public bid opening immediately after the deadline for receiving bids. Bidders may view the opening by going to the Purchasing web page (<https://www.duluthmn.gov/purchasing/bids-request-for-proposals/>) and selecting the appropriate link. Bidders are also invited to review the results online at either the City of Duluth’s website: <https://duluthmn.gov/purchasing/bids-request-for-proposals/> or Kraus-Anderson Construction’s website: <https://www.krausanderson.com/subcontractors/bid-tabulations/>

H. **Bid Security:** Bid security in the amount of 5% of the maximum bid submitted (including additive alternates) must be submitted with each bid. Bid bonds may be submitted electronically, either through Surety2000 or Tinubu within the Bid Express solicitation, or emailed to purchasing@duluthmn.gov. Paper bid bonds, certified checks or bank drafts may be mailed or dropped off at City Hall, 411 W. 1st Street, Room 120, Duluth, MN 55802. Regardless of the method of submission, bid security must be received by Purchasing prior to the bid opening. Bid security shall be made payable to Owner, as guarantee that Bidder will, if awarded, enter into Contract in accordance with Contract Documents and submitted Bid.

1.02 QUESTIONS SHALL BE SUBMITTED TO

- A. Questions shall be submitted to Kraus-Anderson Construction Company at the address below on or before the Date indicated above. Answers will be provided in the form of an addendum.
- Max Vergeldt
Kraus-Anderson Construction Company
3716 Oneota Street
Duluth, MN 55807
Direct Phone: 218-324-3349

Section 00 1110 – Advertisement for Bids

Direct Email: max.vergeldt@krausanderson.com

1.03 AVAILABILITY OF BIDDING DOCUMENTS

A. Procurement of Documents for Bidders on Prime Contracts:

1. Prime Bidders can obtain electronic Bidding Documents at no charge from Building Connected but bids will not be accepted in Building Connected and **MUST ONLY** be submitted in through the City of Duluth's Bid Express site.
2. Specifications and drawings may be viewed and downloaded at no cost at www.bidexpress.com.
3. Proposal forms, contract documents, plans and specifications may also be on file at the following offices: Minnesota Builder's Exchange, and Builder's Exchange of Wisconsin.
4. Please contact Becca Bohlman at duluth.estimate@krausanderson.com / 218-343-3490 to receive an invite from Building Connected, or visit the City of Duluth's bidding site to access the project and submit your bid: <https://duluthmn.gov/purchasing/bids-request-for-proposals/> .
5. Regardless of where bidders obtain the bidding documents, bidder is responsible for reviewing all information within the Bid Express solicitation.

B. Examination of Documents: Bidder shall carefully examine entire content of Bidding Documents to become thoroughly familiar with the documents and project requirements. Refer to Instructions to Bidders for additional requirements.

C. Examination of the Site: Bidders shall make arrangements with the Construction Manager to visit the project site to obtain first-hand knowledge of existing conditions, including existing utilities and services, obstacles which may be encountered and all other conditions relative to the Work to be performed

1.04 OTHER CONDITIONS

- A. **Time of Completion:** Refer to Section 01 32 10 - Bids shall reflect all costs necessary to meet this schedule requirement.
- B. **Owner's Right to Reject Bids:** Owner reserves the right to reject a Bid which is in any way incomplete or irregular or to waive informalities or irregularities in a Bid received, and accept a Bid, which in the Owner's judgment is in the Owner's best interests.
- C. **Additional Compensation:** Contractors shall not receive extra payments for conditions which can be determined by examining the site and the Contract Documents.

-- End --

Section 00 2100 – Instructions to Bidders

1.01 INTRODUCTORY INFORMATION

- A. **Request for Electronic Sealed Bids:** In accordance with the Advertisement for Bids, the City of Duluth, on behalf of the Duluth Airport Authority and its construction manager, Kraus-Anderson Construction Company, is requesting the following:
1. Lump Sum Proposal for the Work Scope Categories identified in Section 01 1210 General Requirements for All Work Scopes.
- B. **Submit Bids to:** Bids will be received as stated in the Advertisement for Bids – Section 00 1110.
- C. **Bidding Documents:** Bidding Documents include the Advertisement for Bids, Instructions to Bidders, and other documents identified within Project Manual and other Contract Documents indicated herein, including Drawings, Specifications and Addenda issued prior to execution of the Contract. All bidding documents are available at www.BidExpress.com under Solicitation 22-4403.
- D. **Definitions:** Definitions set forth in the General Conditions of the Contract for Construction, AIA Document A232 or in other Contract Documents are applicable to the Bidding Documents.

1.02 AVAILABILITY OF BIDDING DOCUMENTS

- A. **Procurement of Documents for Bidders on Prime Contracts:**
1. Prime Bidders to obtain electronic Bidding Documents at no charge from Building Connected or Bid Express.
 2. Please contact Becca Bohlman at duluth.estimating@krausanderson.com or 218-343-3490 to receive an invite from Building Connected.
 3. Prime Bidders **MUST** submit bids through the City of Duluth's Bid Express site. Bids submitted in Building Connected will not be accepted.
- B. **Addenda:** Registered document holders will receive copies of Addenda including attachments corresponding to documents obtained via the same method as original documents.

1.03 EXAMINATION OF BIDDING DOCUMENTS

- A. **Examination of Documents:** Bidder shall carefully examine entire content of Bidding Documents to become thoroughly familiar with the documents and project requirements.
- B. **Bidder's Representation:** Bidder by making a Bid represents that:
1. Bidder has read and understands Bidding Documents and the Bid is made in accordance therewith.
 2. Bidder has read and understands Bidding Documents or Contract Documents, to the extent that such documentation relates to the Work for which the Bid is submitted, for other portions of Project, being bid concurrently or presently under construction.
 3. Bidder has visited the Site, become familiar with local conditions under which the Work is to be performed and has correlated Bidder's personal observations with the requirements of proposed Contract Documents.
 4. Bid is based upon the materials, equipment and systems required by Bidding Documents without exception.
- C. **Interpretations or Corrections of Bidding Documents:** Bidder shall carefully study and compare Bidding Documents with each other and with other work being bid concurrently or presently under construction to the extent that it relates to the Work for which the Bid is submitted, shall examine the site and local conditions and shall at once report to Architect and Kraus-Anderson errors, inconsistencies or ambiguities discovered.
1. Bidders requiring clarification or interpretation of Bidding Documents shall make a written request which shall reach Kraus-Anderson prior to the cut-off date for questions listed within Section 00 1110 KA Ad for Bids.
 2. Bidders requiring clarification or interpretation of Bidding Documents shall make a request via email to Max Vergeldt at Kraus-Anderson Construction Company in accordance with the limitations indicated in the Advertisement for Bids.
 3. It is the Bidder's responsibility to bring discrepancies, ambiguities, omissions, or matters in need of clarification to the attention of the Architect for interpretation and decision. If there is a discrepancy that is unclarified prior to the Bid, the Contractor shall be responsible for the more stringent interpretation of the unclarified condition.
 4. Interpretations, corrections or changes of Bidding Documents will be made by Addendum. Interpretations, corrections and changes of Bidding Documents made in any other manner will not be binding and Bidders shall not rely upon them.
- D. **Substitutions and Requests for Prior Approvals:** Materials, products and equipment described in Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution.

Section 00 2100 – Instructions to Bidders

1. Substitution Procedures: Detailed procedures and limitations for submitting requests of substitution for both before and after award of Contract are explained in SEH Specification Section 01 2513. Requests not complying with requirements of SEH Specification Section 01 2513 will be rejected.
 2. Substitution Request Form: Requests submitted without a properly completed and signed Substitution Request Form, will not be evaluated.
 3. Burden of proof of the merit of the proposed substitution is upon the proposer. Architect's decision of approval or disapproval of a proposed substitution shall be final.
 4. If Architect approves proposed substitution prior to receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not reply upon approvals made in any other manner.
- E. **Addenda** will be issued to registered document holders.
1. Addenda will be made available for inspection wherever Bidding Documents are on file.
 2. Each Bidder shall ascertain prior to submitting a Bid that the Bidder has received all Addenda issued and the Bidder shall acknowledge their receipt on the Bid Form.

1.04 BIDDING PROCEDURES

- A. **Pre-Bid Conference:** A Pre-bid Conference will be conducted on as defined in the Advertisement for Bid. Refer to Section 00 1110 for details.
1. Attendance is strongly recommended for Prime Contractor Bidders.
- B. **Form and Style of Bids:** Submit **Sealed Bids** via Bid Express as defined in Section 00 1100 Advertisement for Bids. Submit Bid as described below:
1. Submit bid via Bid Express with full name and address of the bidder.
 2. All blanks on the bid form shall be filled in where applicable.
 - a. All Alternates shall be bid. If no change in the Base Bid is required, enter zero. If alternates are left blank the Owner will interpret this as a Zero Cost Change.
 3. The Bid shall include legal name of Bidder and a statement that Bidder is a sole proprietor, partnership, corporation or other legal entity. Each bid shall be signed by the person or persons legally authorized to bind Bidder to a contract.
 - a. Corporation shall further give the state of incorporation and have the corporate seal affixed.
 - b. Bid submitted by an agent shall have a current power of attorney attached certifying the agent's authority to bind the Bidder.
 4. Sign electronically, executed by a principal duly authorized to enter into an agreement. If a bidder is a co-partnership, then electronic signatures on the bid shall be by an authorized member of the firm, with names and addresses of each member of partnership.
 5. Base Bids and Alternate Bids shall be stated in numerical figures.
 6. Submit alternate prices (bid) for either increasing or decreasing the cost as called for on bid form and Description of Alternates. Submit a bid for all alternates, except those which may be denoted as optional.
 7. Do not stipulate any other conditions, alternates or qualifications. Owner will not accept any condition not contained in specifications or other documents.
 8. Any other bid submissions other than through Bid Express will not be accepted.
 9. **Section 00 4100 Bid Form must be filled out in its entirety and uploaded to Bid Express. Failure to do so will result in an incomplete bid.**
- C. **Bid Security – Execution of Contract:** With each bid, provide bid security equal to five percent (5%) of amount of maximum bid submitted (including additive alternates) and made payable without recourse to the Owner.
1. For bid bonds, form may be surety's standard form, AIA Form A-310, duly executed by the bidder as principal, issued by a corporate surety company authorized to do business in the State where the project is located, with copy of Power of Attorney attached, as well as proper acknowledgments.
 2. Bid security in form of certified or cashier's check will be destroyed or returned to all but the three lowest bidders within ten (10) days after opening of bids.
 3. Bid security shall be forfeited to Owner as liquidated damages in the event bidder is awarded a Contract and he fails or refuses to execute the Agreement and furnish specified bond within ten (10) days after award, provided Agreement is ready for signature. If Agreement has not been prepared within ten (10) days, Contractor shall have two (2) days after its preparation for execution.
- D. **Modification or Withdrawal of Bids:** Bid may not be modified, withdrawn or canceled by Bidder during a **60 day period** following the date of receipt of Bids, and each Bidder so agrees in submitting a Bid.

Section 00 2100 – Instructions to Bidders

1. Prior to time and date designated for receipt of Bids, Bid submitted may be modified or withdrawn online via Bid Express no later than the time of bid.
 2. Withdrawn Bids may be resubmitted up to date and time designated for receipt of Bids provided they are then fully in conformance with these Instructions to Bidders.
- E. **Plangrid Subscription:** With each bid-include in your base bid the cost to use www.plangrid.com. Plangrid is a web based document system that KA houses all project documents (RFI's, approved submittals, approved changes (PCOs), and updated plans).
To get an accurate cost for including this in your base bid, please contact Plangrid Sales at 1-866-475-3802 or visit <https://construction.autodesk.com/pricing/autodesk-build/>.
Awarded bidders will be notified after bid day to set up/purchase a subscription with Plangrid so they can access the project.
- F. **Construction Management Software:** Viewpoint Team web-based software will be utilized throughout the project. This will not be an added cost to the contractors but will require your participation.
1. Once contracts are awarded, the awarded contractor will receive an invite to create an account in Viewpoint Team.
 2. This program will be utilized for all submittals and RFI's.

1.05 CONSIDERATION OF BIDS

- A. **Bid Opening:** Purchasing Agent or their designee will conduct a public bid opening immediately after the deadline for receiving bids. Bidders may view the opening by going to the Purchasing web page (<https://www.duluthmn.gov/purchasing/bids-request-for-proposals/>) and selecting the appropriate link.
- B. **Qualifications of Bidders:** Owner may make such investigations as he deems necessary to determine the ability and responsibility of the bidder to perform the work, and any bidder shall furnish to Owner all such information and data for this purpose, as the Owner may request.
1. Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Owner that such bidder is properly qualified to carry out the obligations of the contract and to complete the Work contemplated therein.
 2. The following may be required of the lowest responsible bidder in determining an award, including, but not limited to: (1) proof of financial responsibility, (2) quality of similar work, (3) amount of experience with similar projects, (4) facilities, personnel and equipment, (5) reputation for performance, and (6) ability to complete the work within specified time.
 3. Owner reserves the right to reject any Bid where there is reasonable doubt as to the qualifications of the bidder.
 4. **Responsible Contractor:** Minnesota Statute § 16C.285, all provisions of which are incorporated herein by reference and made applicable to this solicitation, requires that all construction contracts that are awarded through a solicitation issued on or after January 1, 2015 may only be awarded to a "responsible contractor." The term "responsible contractor" as used in this solicitation has the same meaning as the term has in Minn. Stat. §16C.285, subd. 3. In order to qualify as a "responsible contractor", the contractor or subcontractor, for its portion of the project, must meet the minimum criteria as set forth in Minn. Stat. § 16C.285, subd. 3.
 - a. All responses to this solicitation must include a signed statement under oath by an owner or officer of the contractor verifying compliance with each of the minimum criteria in Minn. Stat. § 16C.285, subd. 3. This requirement is met by completing and submitting the Responsible Contractor Affidavit of Compliance ("Compliance Affidavit"), which is included with the Bid Form as Attachment A in Bid Express.
 - b. Any prime contractor or subcontractor that fails to submit its Compliance Affidavit or meet the minimum criteria in Minn. Stat. § 16C.285, subd. 3, is not a responsible contractor and will not be eligible to be awarded a contract or perform work on the project. Any prime contractor or subcontractor that makes any false statement under oath regarding compliance with the minimum criteria in Minn. Stat. § 16C.285, subd. 3 will not be eligible to be awarded a contract and any such false statement may result in termination of a contract awarded to the contractor.
 - c. The prime contractor or subcontractor must also include in its Compliance Affidavit a list of its first-tier subcontractors that it intends to retain for work on the project. Prior to execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit a supplemental verification under oath confirming compliance with Minn. Stat. § 16C.285, subd. 3, clause (7) ("Supplemental Compliance Affidavit"), using Attachment A-2 to the Compliance Affidavit. The prime contractor or subcontractor must obtain a Compliance Affidavit from all first-tier subcontractors listed on the contractor's Compliance Affidavit or Supplemental Compliance Affidavit. The prime

Section 00 2100 – Instructions to Bidders

contractor shall submit copies of all Compliance Statements obtained from all subcontractors of any tier to the Owner upon request.

- d. If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its Compliance Affidavit and Supplemental Compliance Affidavit, the contractor shall obtain a Compliance Affidavit from each additional subcontractor and shall submit a supplemental verification, using Attachment A-3 to the Compliance Affidavit, within 14 days of retaining the additional subcontractors, in accordance with Minnesota Statute § 16C.285, subd. 3. This requirement applies during the solicitation process and continues through the term of any awarded contract.
5. Provide certified payroll and meet all labor workforce requirements listed within the project specifications.
- C. **Acceptance of Bid – Award of Contract:** Owner reserves the right to (1) accept bidder's Base Bid only, (2) accept any one or more of bidder's Alternate Bids, in any order regardless of the order in which they were listed, (3) reject all Bids, (4) award contract based on his investigation of bidders, as well as acceptance of alternates, all of which Owner deems to be in his best interest, (5) waive informalities or minor irregularities in bids and waive minor irregularities or discrepancies in bidding procedure.
- D. **Prime Contractor's Subcontracts and Suppliers:** Proposed subcontractors are subject to Owner's, Construction Manager's and Architect's acceptance. The right of rejection may be exercised when there is reasonable doubt the subcontractor (supplier) will be able to satisfactorily perform work under the Contract, as specified under Article 5.2 of General Conditions and Supplementary Conditions.
- E. **Alternates:** Owner shall have the right to accept Alternates and Unit Prices in any order or combination and to determine the lowest responsible Bidder on the basis of the sum of the Base Bid and Alternates that are accepted.
- F. **Rejection of Bids:** Owner shall have the right to reject any or all Bids, and to waive informalities or irregularities in a Bid.

1.06 POST BID – PRE-AWARD INFORMATION AND SUBMITTAL REQUIREMENTS

- A. **Contractor's Qualification Statement:** Bidders to whom award of a Contract is under consideration shall submit to the Owner via Kraus-Anderson Construction Company, upon request, a properly executed AIA Document A305, Contractor's Qualification Statement.
- B. **Financial Capability:** Owner and Kraus-Anderson reserves the right to request a copy of the Bidder's audited financial statement, four-year revenue history, overall bonding capacity, and current available bonding capacity. This information will be held confidential and is a part of the Owner's Evaluation and Selection Process.
 1. By virtue of submitting a Bid, this Contractor agrees to submit any and all information requested by the Owner as outlined in these Instructions to Bidders.
- C. **Certificate of Insurance:** Bidder shall submit to Owner via Kraus-Anderson satisfaction supporting data confirming their ability to furnish a Certificate of Insurance in accordance with the project requirements.
- D. **Subcontractor List:** Submit names of proposed subcontractors and material suppliers, including:
 1. Names of manufacturers, products and the suppliers.
 2. Names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for principal portions of the Work.
 3. Organize lists by Specification Section number
 4. Self-Performed Work: Designation of the Work to be performed with Bidder's own forces.
 5. Prior to the award of Contract, Owner via Kraus-Anderson will notify Bidder in writing if Owner, Architect, or Kraus-Anderson Construction Company after due investigation, has reasonable objection to a person or entity proposed by the Bidder.
 6. If Owner, Architect, or Kraus-Anderson Construction Company has reasonable objection to a proposed person or entity, Bidder may, at Bidder's option, (1) withdraw Bid, or (2) submit an acceptable substitute person or entity with an adjustment in Base Bid or Alternate Bid to cover the difference in cost occasioned by such substitution.
 7. Owner may accept the adjusted bid price or disqualify Bidder. In the event of either withdrawal or disqualification, bid security will not be forfeited, if applicable.
 8. Persons and entities proposed by the Bidder and to whom Owner, Architect, or Kraus-Anderson Construction Company 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 Owner, Architect, or Kraus-Anderson Construction Company.
- E. **Labor Resources:** Bidder shall submit to Owner via Kraus-Anderson satisfaction supporting data confirming their ability to adequately staff the project with qualified labor classifications as may be required to support the Project Schedule and other project requirements. Specific clarifications, may include, but not limited to:

Section 00 2100 – Instructions to Bidders

1. Qualifications and resumes of your project management team with organization chart identifying reporting lines and locations of individuals, whether on-site or in your corporate office. Include as a minimum project manager, field supervisors, and trade foremen.
2. Define/explain your approach to achieve Local and minority participation with appropriate supporting data.
3. Demonstrate the reliability and responsibility of the persons or entities proposed to furnish and perform the Work described in Bidding Documents.

1.07 BOND REQUIREMENTS

- A. **Performance and Payment Bonds:** Upon notification of award of Contract, Contractor shall provide AIA A312-2010 Edition Performance and Payment Bonds in the amount of 100% of Contract Sum in accordance with General Conditions of the Contract.
- B. **Timing of Bonds:** Bidder shall deliver the required bonds as requested by the Construction Manager, which may require bonds to be delivered prior to the execution date of the Contract. If the Work is to be commenced prior thereto in response to a letter of intent, Bidder shall, prior to commencement of Work, submit evidence satisfactory to Owner that such bonds will be furnished and delivered in accordance with this paragraph.

-- End --

Work Scope 13-G – Pre-Engineered Metal Building – Material Only

1.01 PRE-ENGINEERED METAL BUILDING – MATERIAL ONLY

- A. **Scope of Work:** This Work Scope consists of the Work directly and indirectly required by the specification sections listed below, plus all project drawings, addenda, and other documents identified as part of the Agreement, regardless of design discipline, drawing sheet identification, or jurisdictional requirements.
- Specific Specifications Sections that are the responsibility of the Work Scope:

00 0000	Agreement and Conditions of the Contract for Construction	As it applies
01 0000	Division 1 - General Requirements	As it applies
07 2913	Pre-Engineered Building Insulation	Material Supply Only
13 3400	Pre-Engineered Metal Building	Material Supply Only

1.02 PROJECT SPECIFIC SCOPE CLARIFICATIONS

- A. **General Requirements for All Work Scope Categories:** Refer to Section 01 1210 for additional requirements affecting this Work Scope.
- B. **Sales Tax:** Based on the Owner's Tax Exempt status, this Work Scope is **Sales Tax Exempt**.
- C. **Schedule Requirements:** Provide sufficient staffing, equipment, and work the necessary hours to work within the durations identified for this Work Scope to comply with the Project Schedule. Your Base Bid proposal shall include all necessary regular and overtime hours to comply with the Project Schedule.
- The Project Schedule outlines the intended project sequence only and may not include all necessary tasks.
- D. **Pre-Engineered Metal Building:** Supply building and accessories in accordance with Section 13 3400 and Structural Notes including but not limited to:
- Shop drawings and connection detailing
 - Delegated Design including signed shop drawings as maybe required by the City for permitting.
 - Fabrication and shop priming where specified.
 - Members and profiles indicated on Structural and Architectural Drawings.
 - Provide complete with necessary accessories, bridging, bracing, purlins, clips, and other materials required for a complete installation.
 - Supply of all insulation specified in Section 13 3400.
 - Supply of interior separation walls as noted on drawings.
 - Supply of interior liner panel as noted on drawings (including bi-fold doors)
 - Delivery
 - Installation of pre-engineered metal building by Work Scope 13-H.
 - Exclude the supply of:
 - Hollow-metal doors & frames
 - Bi-fold hangar doors
 - Grout for base plates.
 - Anchor bolts
 - Coordination with WS 3-A to ensure anchor bolt compatibility with the pre-engineered metal building will be necessary.
- E. **Connection, subcomponent engineering, and special erection sequencing requirements:** Where required by Contract Documents, or where connection detailing is requirement of fabricator for design members and connections not indicated on the Contract Documents.
- Where Project Schedule requires special erection sequencing not specifically addressed by the structural design, provide engineering services to accommodate special sequencing, temporary bracing, and erection loads.
 - Delegated Design Requirements: For those specific portions of the Work requiring professional engineering services by Section 13 3400 or Structural Notes including engineering analysis, calculations, connection details, shop and fabrication drawings, embed placement drawings, and erection drawings.
- F. **Coordination of Embeds set by Others:** Include coordination for embeds set by others, including but not limited to the following:
- Anchor bolts
 - Embed plates and brackets (shown or not),
- G. **Anchors and Embeds:** Comply with the following.
- Anchors used in concrete slabs or walls must be of a "non-spalling" type anchor.

Work Scope 13-G – Pre-Engineered Metal Building – Material Only

2. Detailed layout drawings of embeds are to be provided by this Work Scope for use by setting contractor.
 3. Concrete Work Scope will place embeds within concrete work, unless specifically note otherwise in this Work Scope Description or required by your quality control procedures.
- H. **Thermal Analysis and Compliance with Thermal Requirements Specified:** This Work Scope is responsible to comply with performance criteria specified and the applicable Energy Code and provide appropriate documentation acceptable to Architect and KA to confirm compliance with criteria.

1.03 SPECIAL COORDINATION OR INSTALLATION REQUIREMENTS

- A. **Acceptance of Substrates and Existing Conditions:** Starting work constitutes acceptances of existing conditions, preparatory work, and substrates that may affect the performance of this Work Scope.
- B. **Special Inspections:** Special Inspections will be done in accordance with the Contract Documents prior to placement of grout.
- C. **Construction Cleaning:** Perform daily construction cleaning operations for debris generated by this Work Scope.
 1. Refer to Section 01 5000 for additional requirements.
- D. **Field Measurements:** Coordinate with installing contractor for field measurement of necessary dimensions and configurations that will affect the layout or performance of your work, and confirm preparatory work is complete and acceptable to receive work of this Work Scope.

1.04 ALLOWANCES, UNIT PRICES, COST BREAKDOWNS, AND ALTERNATES

- A. **Allowance:** Refer to Section 01 2100 for complete listing and description of Allowances.
 1. **Unforeseen Scope Allowance:** Include **\$20,000.00 for labor/material allowance** to be assigned by Kraus-Anderson for unforeseen conditions or non-defined Work Scope items.
- B. **Alternates:** Refer to *Section 01 2300* for complete listing and description of Alternates.

1.05 SUBMITTAL REQUIREMENTS

- A. **Required Submittals:** Refer to Section 01 1210 for additional requirements.

1.06 MATERIAL HANDLING AND STORAGE

- A. **Delivery, Hoisting, and Scaffolding:** Refer to Section 01 1210 for additional requirements.

-- End --

Work Scope 13-H – Pre-Engineered Metal Building– Erection Only

1.01 PRE-ENGINEERED METAL BUILDING – ERECTION ONLY

- A. **Scope of Work:** This Work Scope consists of the Work directly and indirectly required by the specification sections listed below, plus all project drawings, addenda, and other documents identified as part of the Agreement, regardless of design discipline, drawing sheet identification, or jurisdictional requirements.
- Specific Specifications Sections that are the responsibility of the Work Scope:

00 0000	Conditions of the Contract for Construction	As it applies
01 0000	Division 1 - General Requirements	As it applies
 - Items specified in other Sections, but installed by this Work Scope

07 2913	Pre-Engineered Building Insulation	Installation Only
13 3400	Pre-Engineered Metal Building	Installation Only

1.02 PROJECT SPECIFIC SCOPE CLARIFICATIONS

- A. **General Requirements for All Work Scope Categories:** Refer to Section 01 1210 for additional requirements affecting this Work Scope.
- B. **Schedule Requirements:** Provide sufficient staffing, equipment, and work the necessary hours to work within the durations identified for this Work Scope to comply with the Project Schedule. Contractor's Base Bid proposal shall include all necessary regular and overtime hours to comply with the Project Schedule.
- The Project Schedule outlines the intended project sequence only and may not include all necessary tasks.
- C. **Pre-Engineered Metal Building (Install Only):** Install/erect metal building in accordance with Section 13 3400 including but not limited to:
- Shop drawings and connection detailing.
 - Touch-up priming where required.
 - This Work Scope is responsible to ensure compatibility of touch-up primer with finish coats.
 - Delivery – coordinate with Work Scope 13-G.
 - All offload of all steel materials supplied by Work Scope 13-G is the responsibility of the Work Scope.
 - Erection
 - Installation of structural framing members
 - Installation of exterior siding, interior liner panels and roof panels
 - Installation of all flashings and trims specified, detailed, or required to provide a complete assembly.
 - Installation of all roof insulation.
 - Installation of all wall insulation.
 - Installation of insulation and liner assemblies on Bi-Fold doors.
 - Installation of all accessories, including joint sealants within or around the pre-engineered metal building assemblies.
 - Coordinate for installation of any necessary roof or wall penetrations with plumbing, mechanical & electrical contractor(s). Field cutting of penetrations by others.
 - Maintaining specified thermal, moisture, vapor, and/or air barrier requirements around any field cut penetrations is the responsibility of this work scope.
 - Exclude the following items specified within Section 13 3400 that will be installed by others:
 - Grouting of steel baseplates.
 - Bi-Fold hangar door installation (other than liner and insulation noted in paragraph C.4.f)
 - Hollow-metal door installation
 - Anchor Bolts
- A. **Coordination of Embeds set by Others:** Include coordination for embeds set by others, including but not limited to the following:
- Anchor bolts
 - Embed plates and brackets (shown or not),
 - Channel inserts used to secure work of this Section
- B. **On-site Handling of Embeds and Items for Installation:** Installation, erection and setting requirement includes the obligation for proper receiving, unloading and transport to install, erect or setting location.
- C. **Connection, subcomponent engineering, and special erection sequencing requirements:** Where required by Contract Documents, or where connection detailing is requirement of fabricator for design members and connections not indicated on the Contract Documents.

Work Scope 13-H – Pre-Engineered Metal Building– Erection Only

1. Where Project Schedule requires special erection sequencing not specifically addressed by the structural design, provide engineering services to accommodate special sequencing, temporary bracing, and erection loads.
2. Comply with “Delegated Design Requirements” specified herein.

1.03 SPECIAL COORDINATION OR INSTALLATION REQUIREMENTS

- A. **Field Engineering:** Owner will provide benchmarks and control line in accordance with requirements specified in Section 00 2410 - General Requirements for All Work Scopes and Section 01 1220 – 01-G.
 1. This Work Scope is responsible for all remaining layout.
 2. Layout and engineering for shoring and temporary supports shall be included.
- B. **Field Measurements:** Coordinate with supplying contractor for field measurement of necessary dimensions and configurations that will affect the layout or performance of your work, and confirm preparatory work is complete and acceptable to receive work of this Work Scope. All field verified dimensions required by the Pre-Engineered Metal Building Supplier are the responsibility of this work scope.
- C. **Acceptance of Substrates and Existing Conditions:** Starting work constitutes acceptances of existing conditions, preparatory work, and substrates that may affect the performance of this Work Scope.
- D. **Special Protection:** Take special care while working above other trades and to provide protection necessary to protect trades below from falling objects and sparks.
- E. **Special Inspections:** Special Inspections will be done in accordance with the Contract Documents prior to placement of grout.
- F. **Construction Cleaning:** Perform daily construction cleaning operations for debris generated by this Work Scope.
 1. Refer to Agreement and Section 01 5000 for additional requirements.

1.04 ALLOWANCES, UNIT PRICES, COST BREAKDOWNS, AND ALTERNATES

- A. **Allowance:** Refer to Section 01 2100 for complete listing and description of Allowances.
 1. **Unforeseen Scope Allowance:** Include **\$10,000.00 for labor/material allowance** to be assigned by Kraus-Anderson for unforeseen conditions or non-defined Work Scope items.
- B. **Alternates:** Refer to *Section 01 2300* for complete listing and description of Alternates.

1.05 SUBMITTAL REQUIREMENTS

- A. Required Submittals: Contractor shall coordinate, prepare, and submit a complete, coordinated submittal package indicating how they will conform to the requirements expressed in the Contract Documents, in compliance with the Project Schedule and requirements of the Agreement.
 1. Comply with requirements outlined in Part 1 of each specification section, plus requirement of Division 1 Submittals.
 2. Contractor shall work in conjunction with their manufacturers and suppliers to develop a project specific package unique for this Project to fully explain all conditions.
 3. Where required by the Contract Documents or requested by Kraus-Anderson, Contractor shall require manufacturer to review and provide written acceptance of the Submittals prior to forwarding them to KA.
- B. Submittals Requiring Delegated Design: Structural Calculations Package shall be submitted at the same time as the shop drawings for this Work. It is not acceptable to defer Delegated Design engineering “structural analysis and calculations” until initial shop drawings are reviewed by A/E.

1.06 MATERIAL HANDLING AND STORAGE

- A. **Delivery and Receiving of Materials:** Refer to Section 01 1210 for additional requirements.
 1. Fabricate and deliver materials to site in logical and orderly fashion as to maintain Project Schedule as directed by Kraus-Anderson.
 2. Coordinate lay-down area with Kraus-Anderson.
- B. **Hoisting:** Refer to Section 01 1210 and Agreement for additional requirements regarding hoisting.
 1. **Crane:** Limited access for hoisting will be provided in accordance with Section 01 500. A permit with the FAA will be required prior to a crane being utilized on-site. This takes appx. 30 days to acquire.
- C. **Scaffolding:** Work Scope is responsibility for your own working platforms, scaffolding, and equipment necessary to access Work. Coordinate scope and timing of scaffold with Kraus-Anderson Construction Company.

-- End --

Work Scope 31-A – Site Clearing and Earthwork

1.01 SITE CLEARING AND EARTHWORK PACKAGE

A. **Scope of Work:** This Work Scope consists of the Work directly and indirectly required by the specification sections listed below, plus project drawings, addenda, and other documents identified as part of the Agreement, regardless of design discipline, drawing sheet identification, or jurisdictional requirements.

1. Specific Specifications Sections that are the responsibility of the Work Scope:

00 0000	Agreement and Conditions of the Contract for Construction	As it applies
01 0000	Division 1 - General Requirements	As it applies
02 4135	Pavement Marking Removal	Complete
31 2220	Earthwork for Building Sites	Complete
31 2316	Structure Excavations and Backfills	Complete
31 3410	Geosynthetic Installation	Complete
31 3700	Riprap	Complete
32 1122	Aggregate Base	Complete
32 1213	Bituminous Tack Coat	Complete
32 1216	Plant-Mixed Asphalt Pavement	Complete
	FAA Technical Specifications	As it applies

1.02 PROJECT SPECIFIC SCOPE CLARIFICATIONS

A. **General Requirements for All Work Scope Categories:** Refer to Section 01 1210 for additional requirements affecting this Work Scope.

B. **Schedule Requirements:** Provide sufficient staffing, equipment, and work the necessary hours to work within the durations identified for this Work Scope to comply with the Project Schedule. Your Base Bid proposal shall include all necessary regular and overtime hours to comply with the Project Schedule.

1. The Project Schedule outlines the intended project sequence only and may not include all necessary tasks.

C. **Building and Site Demolition:** Provide miscellaneous site and building demolition indicated on the Drawings to be removed within the construction limits in accordance with the project specifications including, but not limited to:

1. Site clearing and selective site demolition.
2. Trees and other landscape items indicated for removal.
3. Bituminous and concrete paving indicated for removal.
4. Pavement marking indicated for removal.
5. Site utilities indicated for removal.
6. Drain tile indicated for removal.

D. **Earthwork:** Provide earthwork as indicated in accordance with Section 31 2220 including, but not limited to:

1. Site clearing, including, but not limited to:
 - a. Curbs, gutters, sidewalks indicated to be removed.
 - b. Tree removal, including root ball indicated to be removed.
2. Removal and disposal of abandoned utilities occurring within the excavation, and as indicated.
3. Mass excavation to profiles indicated or as required for site work and building foundations including removal of earth, rock, and other unclassified materials within excavation zone.
 - a. Excess and unsuitable materials: Removal and dispose of excess and unsuitable materials.
 - b. Stockpile acceptable materials on site for future placement during rough grading. Coordinate area available for onsite stockpiling with Kraus-Anderson.
 - c. If site conditions do not allow on-site stockpiling, provide off-site temporary storage location and required hauling.
4. Grading including rough and fine grading.
 - a. Finish grading for landscaped areas (lawns and planting beds)
 - b. Subgrade Preparation: Provide fine grading associated with concrete work, including bottom of footings and slab-on-grade conditions in accordance with Section 31 2316
5. Excavation and backfill
 - a. Building backfill and compaction
6. Dewatering may become necessary during the construction operations an includes, but not limited to:
 - a. Erosion and sedimentation control as defined herein.

Work Scope 31-A – Site Clearing and Earthwork

- b. Soil treatment requirements.
 - c. Soil stabilization requirements.
- E. **Dewatering Requirements:** Provide all necessary labor and equipment to perform the work of this Work Scope including daily pumping to keep excavated areas dry.
- 1. Special coordination with concrete trade contractor during footing and foundation work is required.
 - 2. Coordinate extent and duration of dewatering activities with Kraus-Anderson Construction Company.
- F. **Subdrainage System (drain tile) [33-4600]:** Provide sub grade drainage system in accordance with the project specifications and drawings including, but not limited to:
- 1. Foundation drainage system
 - 2. Subdrainage piping systems
 - 3. Underslab drainage system
- G. **Construction Grading:** Provide and maintain suitable OSHA grades around site and localized excavated areas to accommodate construction activities and equipment access.
- 1. Coordinate requirements with Kraus-Anderson Construction Company.
 - 2. **Temporary Road Construction, Crane Access, and Crane Pads**
 - a. This Work Scope is responsible to provide (supply & install) the temporary construction roads, crane access routes, and crane pads depicted on the Construction Safety Plan.
 - 1) Provide (supply & install) 20' wide temporary road for construction purposes (around entire perimeter of building, plus any additional roads shown).
 - a) Road to support crane traffic, all-terrain forklift traffic, and extension boom lift traffic.
 - b) Top course must be rolled flat.
 - c) Temporary road must not create or induce negative drainage towards the foundations or walls of the building.
 - d) Road will generally follow the area indicated, but final location to be determined by the KA Superintendent.
 - e) In general, road should remain 5'-0" to 10'-0" away from the exterior face of the building.
 - f) Costs to maintain and repair this road must be included in your base proposal.
 - g) Near the end of the project, if permissible by the Geotechnical Report, Civil Engineering details, & final grade heights, this road may be abandoned, converted into subgrade, and covered up to allow final landscaping and hardscaping to occur. If the temporary road is in conflict with the above-mentioned authorities, then the costs to remove the temporary construction road must be included in your base proposal.
- H. **Site Utilities:** Provide site utilities work in accordance with the FAA Technical Specifications Item D-701, D-705, and D-751 and as indicated on the drawings, including, but not limited to:
- 1. Manhole structures and covers.
 - 2. Catch basin structures.
 - 3. Pipe material and install.
 - 4. All accessories associated with utilities, including aprons.
 - 5. Layout and grading required for proper installation.
 - 6. Site utilities includes water, sewer, storm water
 - a. From utility connection point to a termination point 5 horizontal feet from the exterior side of the building foundation wall is the responsibility of this work scope.
 - b. All work within 5" horizontal feet of the exterior side of the building foundation wall is the responsibility of Work Scope 23-B.
 - c. All site electrical work is by WS 26-A.
 - 7. Fire hydrant(s) and all associated piping, pumps, etc.
 - 8. Obtain permits required for construction, including Minnesota Health Department review, if required.
 - 9. Precast concrete Electrical Manhole, coordinate with Work Scope 26-A.
 - 10. Testing.
 - 11. Coordinate with local utility companies for connections to existing utilities and possible shut-downs if necessary.
 - 12. Coordinate with WS 23-B for building utilities connections.
 - 13. Coordinate with WS 26-A during excavation and backfill activities to ensure proper distances are achieved from site electrical items. Also coordinate for stream lining the installation of site utilities and site electrical as much as possible to stay within the proposed project schedule (Refer to Kraus-Anderson for more details on the schedule).
- I. **Asphalt Paving:** Provide asphalt paving and preparation work in accordance with Section 32 1216, the FAA Technical Specifications items P-101, P-152, P-154, and P-620 and as indicated on the Drawings.

Work Scope 31-A – Site Clearing and Earthwork

1. This Work Scope is responsible for aggregate base material to be provided under all asphalt or concrete areas and under all concrete curb and gutter within and around the asphalt paved areas.
 2. This Work Scope is to provide all pavement markings/stripping, including layout.
 3. Testing and inspections by a third-party agency will be performed on the installed asphalt paving before it is accepted.
 - a. If any area(s) fail this testing, it is the responsibility of this Work Scope to remove and replace all area(s) that do not meet the specifications.
 4. Layout and Grading for paving is the responsibility of this work scope.
 - a. Minimum requirements are subgrade bluetops and base course bluetops with wooden hubs at 25-foot stations and 25-foot offset distance (maximum) for extent of airfield asphalt pavement construction.
- J. **Site Concrete:** Any site concrete work for stoops, aprons or sidewalks is the responsibility of WS 3-A, and is to be excluded by this work scope.
1. Subgrade preparation for the above described site concrete is the responsibility of this work scope, as defined in Section 1.02 Part D of this work scope.
- K. **Landscaping**
1. Provide landscaping work in accordance with the FAA Technical Specifications Item T-901 and T-905 and as indicated on the drawings, including, but not limited to:
 - a. Sodding and seeding, including temporary seeding and mulching, as required.
- L. **Storm Water Pollution Prevention Plan (SWPPP):** Provide labor and materials to install, maintain, monitor, and remove upon completion all elements and process required to administer the storm water compliance requirements for this Project as outlined within the documents and required by the State. Reference FAA Technical Specification Item C-102.
1. Construction entrances and exit areas
 2. Perimeter control around construction site
 3. Erosion control procedures
 4. Sediment control procedures
 5. Dewatering and drain basin procedures.
 6. SWPPP Permit will be acquired by the owner and then transferred to this Work Scope upon project start. This work scope will be responsible for all requirements of said permit once the transfer occurs and closing of said permit upon project completion.
- M. **Complete Assembly:** This Work Scope recognizes the Contract Documents do not reflect every detail necessary to provide a complete working assembly/system, and therefore has included additional labor and materials to provide a complete assembly per the intent of the Contract Documents.
- N. **Temporary Fencing:** Provide any temporary fencing indicated within the project specifications or drawings.
1. Reference the FAA Technical Specifications for detailed requirements.
 2. Provide airfield security fencing and access gate at the east end of the project site as designated in the plans. This temporary airfield security fencing shall be installed prior to commencement of project construction operations (reference the project schedule requirements) to redefine the extent of the Air Operations Area (AOA) during project construction. At the completion of project construction, this temporary airfield security fence shall be removed from the site and any turf or pavement areas disturbed by the temporary airfield security fence installation shall be restored to original condition. Phasing of the installation and removal of this temporary airfield security fencing shall be coordinated with the installation and removal of the temporary project access gate at the west end of the project site. Airfield security shall be maintained at all times during project construction.
- O. **Traffic Control:** Provide traffic control spotters/flag personal and have them present at all times during material deliveries or pickups.
1. Provide traffic and street barrier as required.
- P. **Construction Cleaning:** Perform daily construction cleaning operations for debris generated by this Work Scope.
1. Refer to Section 01 5000 for additional requirements.
 2. Debris tracked or carried of site into traffic lanes must be cleaned up immediately. If tracking continues, this Work Scope shall provide continuously cleaning operations during activities of this Work Scope.
 3. Hard surface areas shall be broom cleaned upon completion.
 4. Implement street sweeping procedures if debris is tracked outside construction limits or as directed by Kraus-Anderson.
- Q. **Restoration of adjacent areas damaged by Construction:** This Work Scope is responsible to restore disturbed areas in accordance with requirements of FAA Technical Specifications Item T-901 and Item T-905.

Work Scope 31-A – Site Clearing and Earthwork

1.03 SPECIAL COORDINATION OR INSTALLATION REQUIREMENTS

- A. **Geotechnical Report:** Included within the project specifications as Appendix A for reference.
- B. **Field Engineering:** Owner will provide benchmarks and control line in accordance with requirements specified in Section 01 1210 - General Requirements for All Work Scopes.
 - 1. This Work Scope is responsible for all remaining layout required for this Work Scope.
 - 2. Layout and engineering for shoring and temporary supports shall be included.
 - 3. Layout and saw cutting, wall removals, shoring, installation of necessary support steel headers shall be included.
 - 4. Quantity Surveys are the responsibility of this Work Scope.
 - a. Perform surveys to confirm quantities for the project, such as top of subgrade and top of base material.
 - b. Quantity surveys shall be submitted during construction and shall confirm that base and paving layers meet grade tolerance and lift thickness requirements.
 - c. Submit copies of all measurements and calculations to Construction manager for review.
- C. **Acceptance of Substrates and Existing Conditions:** Starting work constitutes acceptances of existing conditions, preparatory work, and substrates that may affect the performance of this Work Scope.
 - 1. This Work Scope is responsible to coordinate and provide services of firm specialized in locating and documenting underground services and utilities similar to Gopher One.
- D. **Multiple Mobilizations and Minimum Work Force:** To comply with the Project Schedule and phasing requirements, multiple mobilizations will be required. Refer to Project Schedule for additional requirements.
 - 1. Coordinate requirements with Kraus-Anderson Construction Company.
- E. **Coordination with Others:** Include coordination with other trades, including but not limited to the following:
 - 1. Concrete
 - 2. Mechanical
 - 3. Electrical

1.04 ALLOWANCES, UNIT PRICES, COST BREAKDOWNS, AND ALTERNATES

- A. **Allowance:** Refer to Section 01 2100 for complete listing and description of Allowances.
 - 1. **Unforeseen Scope Allowance:** Include **\$20,000.00 for labor/material allowance** to be assigned by Kraus-Anderson for unforeseen conditions or non-defined Work Scope items.
- B. **Alternates:** Refer to Section 01 2300 for complete listing and description of Alternates.
- C. **Unit Prices and Cost Breakdowns:** Refer to Section 01 2200 for complete listing and description of Unit Prices, Labor Rates, and Cost Breakdowns.

1.05 MITTAL REQUIREMENTS

- A. **Required Submittals:** Refer to Section 01 1210 for additional requirements.

-- End --