



# PROJECT MANUAL

FOR



## **Rochester Community Schools 2015 Bond**

Rochester Community Schools Tech Hub

(February 4, 2021)

## TABLE OF CONTENTS

- A. Advertisement for Bids
- B. Instructions to Bidders
- C. General Notes to Bidders
- D. Project Specific Notes to Bidders
- E. Project Bid Scopes
- F. Bid Proposal Forms – Includes Bid Form, Familial Disclosure Statement, and Iran Economic Sanctions Compliance Form
- G. Project Milestone Schedule
- H. Logistics Plan
- I. Subcontract Agreement
- J. Insurance (sample certificate)
- K. Hospitality Program
- L. Contractor-Installed Equipment Input Forms

**The following documents are part of this bid package; however, they are only available for viewing and printing on the portal. The link to the portal is provided on the Advertisement for Bids (Page 3 of the front-end documents)**

- M. Rochester Community Schools Safety Standards
- N. Contractual Project Safety Rules
- O. Geotechnical Report



## **ADVERTISEMENT FOR BIDS Rochester Community Schools – Bond 2015**

*Project:* Rochester Community Schools  
*Description:* Tech Hub

*Architect:* Auger Klein Aller Architects  
303 E. Third St., Suite 100, Rochester, MI 48307

*Construction Manager:* Frank Rewold and Son Inc.  
303 E. Third St., Suite 300, Rochester, MI 48307

*Estimators:* Mike Gagnon/Kurt Ryder  
(248) 601-1212/(248) 601-1226  
mgagnon@frankrewold.com/kryder@frankrewold.com  
**Questions addressed ONLY to Mike Gagnon or Kurt Ryder**

*Bid Documents:* Bid documents including bid forms may be obtained from Frank Rewold and Son Portal at:  
<https://frankrewold.sharefile.com/d-sef8dabcfe244c52a873a0a1047f5905>  
**Bid documents will be available on or after February 4, 2021**

**Non-Mandatory Prebid Walk-Through:** 9:00 a.m., Thursday, February 11, 2021 - Meet at Rochester High School – 1361 Walton Blvd., Rochester Hills, Michigan 48309, at the school sign at the corner of S. Livernois Rd. and Walton Blvd.

**Bid Due Date:** 2:00 p.m., Tuesday, February 23, 2021  
**Bids will only be accepted on forms provided. Proposal forms must be in a sealed envelope, mailed or delivered in person prior by 2:00 p.m. EST on the due date to:**

Attn: Jennifer Fickel, Rochester Community Schools  
C/O Frank Rewold and Sons Inc.  
303 E. Third St., Suite 300, Rochester, MI 48307

**2:30 p.m. Public Bid Opening:** Jennifer Fickel, Purchasing Supervisor  
**Tuesday, February 23, 2021** Bid opening to be via a Zoom Meeting. To join bid opening please follow the following link.  
<https://us02web.zoom.us/j/85664212039?pwd=MndUQ0xVRGttYi9xdTZkQmVTNWNHdz09>

**Labor and Material and Performance Bond:** In accordance with Michigan Compiled Laws Section 129.201, successful contractor(s) must obtain Performance and Payment Bonds for any Bid Category exceeding \$50,000. The Performance and Payment Bonds shall be in an amount equal to the contract amount. The performance and Payment Bonds shall be for the protection of Rochester Community Schools and Frank Rewold and Son Inc. shall be executed by a surety company authorized to do business in the state of Michigan and be listed in Federal Register or have an AM Best Rating of B+ or better. All bonds to be dual obligee bonds to Rochester Community Schools and Frank Rewold and Son Inc.

**Prevailing Wage Rates:** Not required; this is a nonqualified bond

**Bid Bond:** 5% bid security required. Bid bonds are required, however, certified or cashier checks are acceptable for bids under \$50,000.

**Nonexempt:** This project is not tax exempt for state sales tax and/or use tax. All materials and supplies incorporated and used in construction and becoming a permanent part of this project will not be exempt from state sales tax and/or tax

**Disclosure Statements:** Each bid proposal must be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between owner or any employee of bidder and any member of board of education or superintendent of Rochester Community Schools. Each bid proposal must also include a signed Iran Economic Sanctions Affidavit. The board of education will not accept a bid proposal that does not include this sworn and notarized disclosure statement or the Iran Economic Sanctions.



### **BID CATEGORIES**

- A Earthwork and Site Utilities
- B Asphalt Pavement
- C Landscaping and Irrigation
- D Fencing
- E Concrete Foundations
- F Site Concrete and Concrete Flatwork
- G Masonry
- H Structural Steel and Miscellaneous Metals
- I Handrails
- J Carpentry, Doors, and Ceilings
- K Roofing
- L Metal Siding
- M Joint Sealants
- N Overhead Doors
- O Aluminum, Glass, and Glazing
- P Hard Tile
- Q Carpet and Resilient Flooring
- R Painting
- S Signage
- T Toilet Partitions and Accessories
- U Roller Shades
- V Millwork and Casework
- W Fire Suppression
- X Plumbing
- Y HVAC
- Z Electrical



## **INSTRUCTIONS TO BIDDERS**

### **Rochester Community Schools Tech Hub**

#### Bid Documents Availability

The Construction Manager will make the bidding documents available for reviewing on or after February 4, 2021 at these locations:

FRS Office	303 E. Third Street, Suite 300 Rochester, MI 48307
FRS Portal	<a href="https://frankrewold.sharefile.com/d-sef8dabcffe244c52a873a0a1047f5905">https://frankrewold.sharefile.com/d-sef8dabcffe244c52a873a0a1047f5905</a>

Prospective bidders will notify FRS by email at [kryder@frankrewold.com](mailto:kryder@frankrewold.com) of their intent to bid and intended bid categories. Bid documents will be available only in the following manner: FRS Portal.

**BIDDERS SHALL NOT CONTACT THE OWNER OR ARCHITECT FOR DOCUMENTS.**

Drawings and specifications remain the property of the Architect.

#### Prebid Meeting

A non-mandatory walk-through is scheduled for Thursday, February 11, 2021 at 9:00 a.m. The prebid meeting will be held at Rochester High School – 1361 Walton Blvd., Rochester Hills, Michigan 48309, at the school sign at the corner of S. Livernois Rd. and Walton Blvd.

#### Bond Requirements

Provide pricing for a Payment and Performance Bond; do not include in base bid. In accordance with Michigan Compiled Laws Section 129.201, successful contractor(s) must obtain Performance and Payment Bonds for any bid category exceeding \$50,000. The Performance and Payment Bonds shall be in an amount equal to the contract amount. The Performance and Payment Bonds shall be solely for the protection of ROCHESTER COMMUNITY SCHOOLS and Frank Rewold and Son Inc. and shall be executed by a surety company authorized to do business in the state of Michigan and be listed in Federal Register or have an AM Best Rating of B+ or better. All bonds are to be dual obligee bonds to Rochester Community Schools and Frank Rewold and Son Inc.

#### Equal Opportunity – Employment Policies

The Bidder agrees that it will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin or age. The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, sex, or national origin.

### Bidder Qualifications

Bidders under consideration for award of the work shall provide evidence demonstrating a minimum of five (5) years' experience of successfully completing work of similar category and scope. Bidder shall provide evidence of financial ability to perform the work. Bidder shall provide evidence of bonding capability, as described by the project manual, whether or not bonding is required.

The Owner and Construction Manager shall be the sole determiner of the acceptability of the evidence presented.

Provision for Bidder Qualification does not supersede or negate Owner's rights.

### Method of Bidding

Bids will be accepted only on forms provided. Proposal forms must be in a sealed envelope mailed or delivered in person to: Jennifer Fickel, Purchasing Supervisor, *C/O Frank Rewold and Sons Inc., 303 E. Third Street, Suite 300, Rochester, MI 48307*, prior to the due date of 2:00 p.m., Tuesday, February 23, 2021. The outside of the envelope must be clearly marked with the Bid Category.

Bids must be for complete work within a single bid category. Partial bids are sufficient reason for rejection of the bid. If a bidder is bidding multiple bid categories, proposals must be submitted for each individual bid category and in individual envelopes. At the bidder's option, the bid form allows for a multiple bid category award discount.

Proposals shall be based upon all the bid documents, including the Advertisement for Bids, the Instructions to Bidders, Subcontractor Agreement, Construction Drawings, Project Manual and the Technical Specifications.

### Bid Form

In order to receive consideration, make bids in strict accordance with the following:

Submit bids upon the forms provided, properly signed and with all items filled out. Do not change the wording of the bid form, and do not add words to the bid form. Unauthorized conditions, limitations, or provisions attached to the bid may be cause for rejection of the bid. If alterations by erasure or interlineation are made for any reason, explain over such erasure or interlineation with a signed statement from the Bidder.

Facsimiles (FAX) or email proposals will **not** be accepted.

### **Submit only (1) one copy of all bid documents.**

The Owner reserves the right to keep all information concerning such bids confidential as permitted by law.

A sworn and notarized statement disclosing any familial relationship that exists between owner or any employee of bidder and any member of board of education or superintendent of Rochester Community Schools must accompany each bid proposal. The board of education will not accept a bid proposal that does not include this sworn and notarized disclosure statement.

A signed Iran Economic Sanctions Affidavit must also accompany each bid proposal. The board of education will not accept a bid proposal that does not include this affidavit.

A 5% bid security must also accompany each bid proposal. Bid bonds are preferred, however, certified or cashier checks will be acceptable for bids under \$50,000. The board of education will not accept a bid proposal that does not include the bid security.

#### Examination of Documents and Site of Work

Before submitting a bid, each Bidder shall examine the drawings carefully, shall read the specifications and all other proposed contract documents, and shall visit the site of the work. Each Bidder shall fully inform himself prior to bidding as to existing conditions and limitations under which the work is to be performed, and shall include in his bid a sum to cover the cost of items necessary to perform the work as set forth in the proposed contract documents. No allowance will be made to a Bidder because of lack of such examination or knowledge. The submission of a bid will be considered as conclusive evidence that the Bidder has made such examination.

#### Withdrawal of Bids

A Bidder may withdraw his bid by requesting the withdrawal in writing at any time prior to the scheduled time for opening bids.

No Bidder may withdraw his bid for a period of sixty (60) calendar days after the date set for opening thereof, and bids shall be subject to acceptance by the Owner during this period.

#### Execution of Agreement

The Form of Agreement, which the successful Bidder will be required to execute, is the Construction Managers' Contractor-Subcontractor Agreement.

The Bidder to whom the contract is awarded shall, within five (5) calendar days after notice of award and receipt of Agreement Forms from the Construction Manager, sign and deliver required copies to the Construction Manager.

At or prior to delivery of the signed Agreement, the Bidder to whom the contract is awarded shall deliver to the Construction Manager those Certificates of Insurance and bonds required by the Construction Manager. The Construction Manager shall approve certificates of insurance and bonds before the successful Bidder may proceed with the work. Failure or refusal to provide bonds or certificates of insurance in a form satisfactory to the Owner shall subject the successful Bidder to loss of time from the allowable construction period equal to the time of delay in furnishing the required material.

#### Interpretation of Contract Documents Prior to Bidding

If any person contemplating submitting a bid for construction of the work is in doubt as to the true meaning of any part of the proposed contract documents, or finds discrepancies in or omissions from any part of the proposed contract documents, he shall submit to the Construction Manager a written request for interpretation thereof at once, or in any case, not later than three (3) days before bids will be opened. The person submitting the request shall be responsible for its prompt delivery.

Interpretation or correction of proposed contract documents will be made only by addendum or written correspondence and will be mailed or delivered to all who are known by the Construction Manager to have received a complete set of bidding documents. Neither the Owner, Architect, Engineer, nor the Construction Manager will be responsible for any oral explanations or interpretations of the proposed contract documents.

Each Bidder shall ascertain prior to submitting his bid that he has received all addenda issued and shall acknowledge their receipt on the Bid Form.

### Taxes

All bids in original contract work, and for all other work thereunder, shall include all applicable taxes, including social security, unemployment, and any local, township, state, or federal government taxes, except real property taxes on the site.

Proposal shall also include all premiums, assessments, and other like payments, charges, and costs incidental to the work covered by the contract documents.

**This entire project is not exempt from state sales tax.**

### Post Bid Information

Bidders to whom award of a contract is under consideration shall submit to FRS, upon request, a properly executed AIA Document A305, Contractor's Qualification Statement.

Bidders to whom award of a contract is under consideration shall submit to FRS a schedule of values that separately defines basic groups of material as well as their labor and generally limits line items to no greater than \$50,000.

Bidders to whom award of a contract is under consideration shall submit to FRS a list of proposed subcontractors and suppliers.

Bid results will be posted by FRS on the FRS Portal approximately 48 hours after the bid opening. Bidders shall not contact the CM, Owner, or Architect for bid results.

### Schedule of Work

The project will begin April 1, 2021 and conclude no later than October 29, 2021. **See Section G Project Milestone Schedule.**

### Permits

The Owner will pay for the building permit, tap-in or usage fees, right-of-way, and soil erosion permits levied by the township, county or state agencies. All other trade permits, including plumbing, HVAC, fire suppression, fire alarm, electrical, etc. will be obtained and paid by the installing contractors.

### Bid Opening

The bid opening will be public with the owner and take place at 2:30 p.m. on Tuesday, February 23, 2021. The bid opening will be conducted online with credentials. Bids received after the due date or time as posted by the Advertisement for Bids or subsequent Addendum will be rejected.

Join Zoom Meeting

<https://us02web.zoom.us/j/85664212039?pwd=MndUQ0xVRGttYi9xdTZkQmVTNWNHdz09>

### Post Bid Conference

Low bidders will be required to attend post-bid interviews. Other bidders may also be requested to attend post-bid interviews.



### Bid Documents

The Bid Documents consist of Instructions to Bidders, FRS Project Manual and bid category descriptions, drawings, and project specifications prepared by the architect. Drawings and specifications dated January 22, 2021.

### Voluntary Alternates

All bids shall be in compliance with the bid documents. If a Bidder wishes to propose an alternative product or method, the alternate is to be identified on the proposal form as a Voluntary Alternate and the deduct value provided on the form with the description of the alternate. Voluntary Alternates shall not be included in the base bid amount. **Voluntary Alternates are encouraged and may be the basis for award of contract.**

### Trade Alternates

Required alternates from individual trades will be defined within the bid category descriptions. All bidders must provide a response to any and all alternates listed in their bid category in the space provided on the Bid Form.

### Mandatory Alternates

At times, portions of the work will be bid as mandatory alternates. These alternates will be defined within the architect's technical Specification Sections 01-2300 Alternates. All bidders should review this section and are required to provide a response to the mandatory alternates in the space provided on the Bid Form.

### Extra Work

Should extra work or charges occur during the project, each contractor will provide the following.

- An "estimate" of the cost if an exact total is not available
- Time sheets signed by Rewold's superintendent at the end of each day. Note names, specific location and description of work
- Backup from material/equipment suppliers showing copies of invoices, etc.
- Final pricing must be received within one (1) week of request.
- Contractor markup is limited to 10% of all costs

*Note: No additional costs will be accepted if this information is not provided.*

### Required Meetings

All contractors will be required to attend a MOP meeting and Safety Orientation Presentation prior to beginning work on site.

All contractors will be required to attend weekly job meetings when requested by FRS. Attendees shall be the contractors project superintendent or foreman.

### Owner's Rights

The Owner reserves the right to reject any or all bids in whole or in part and waive any informalities herein, when in the opinion of the Owner, such action will serve the best interest of the Owner.

The Owner reserves the right to award the contracts to whomever it elects.

The Owner reserves the right to accept alternates in any order or combination and to determine the low Bidder on the basis of the sum of the base bid and the alternates accepted.

The Owner reserves the right to negotiate with any Bidder without re-bidding the project in whole or in part.

The Owner reserves the right to accept combination bids for more than one bid category.

**Document Information Discrepancy**

If discrepancies occur between the bid category scope of work, individual specifications, drawings, or details, the bidding contractors will notify Frank Rewold and Son prior to submitting a proposal. Should no clarification be issued, all bidding contractors will assume the costliest options and include those costs within their proposals. No additional compensation will be granted should these conflicts be encountered through the duration of the project.

**Insurance Requirements**

Submission of this proposal signifies this contractor has read, understands, and will comply without exception to insurance requirements of Frank Rewold and Son Inc. as outlined on Pages 5 and 6, Item 13, labeled "Insurance and Indemnification" of the Subcontractor Agreement. A current Certificate of Insurance must be on file at our office before purchase orders will be issued.

- - General instruction notes to bidders follow - -

**GENERAL NOTES TO BIDDERS**  
Applies to all bid categories and Bidders

- A. Frank Rewold and Son Inc. has been selected by the Owner as Construction Manager and shall have such authority with regard to each contractor as its agreement with the Owner allows.
- B. Each Contractor shall coordinate its work all the Contractors and Owner's Consultants and shall cooperate for the expedient completion of the project.
- C. Each Contractor shall include, within their bid proposal, sufficient compensation as part of their scope of work the following items.
  - 1. All taxes appropriate and payable except property taxes assigned to completed work.
  - 2. All permits, licenses, and fees unless noted otherwise by the specifications. The Owner will obtain the building permit. Contractor to schedule and attend all inspections.
  - 3. Restoration of damaged area outside of the project limits, or within the project limits when deemed by the Owner to be due to negligence.
  - 4. Unloading, movement, hoisting, and placement of material or equipment.
  - 5. Engineering layout beyond building corner and floor elevation benchmark.
  - 6. All layout work, engineering, and field measuring required for the work of the individual trade.
  - 7. Off-site or on-site storage and security of equipment and material.
  - 8. Barricades, traffic controls, and all other safety measures relating to its work.
  - 9. Coring, cutting and patching as required by the work.
  - 10. Cleanup on a daily basis, including placing of all debris in project dumpsters in an efficient manner. Failure to do so will result in FRS performing cleanup work and back charging the appropriate contractor. There will be no exceptions.
  - 11. Full-time on-site supervision during the performance of this work. The Supervisor will be responsible for coordination, scheduling of labor and equipment, safety, and other activities necessary to achieve the project safety, quality and scheduling requirements. The Supervisor shall not be removed or changed without prior consent and approval of FRS.
  - 12. Protection of all new and existing work as required to prevent damage from contractors or any other work. The installing contractor will make any required repairs to materials or work in place, which is not properly protected, at no cost to the Owner.
- D. Location of material and equipment storage, vehicle parking, and staging areas shall be established only after approval by FRS field superintendent with consultation by Owner.
- E. Existing driveways, sidewalks, building entrances are not to be obstructed except with prior written authorization by Rewold.

- F. Contractor shall take all necessary safety precautions with respect to its own work and shall comply with all government regulations, Owner rules, and the FRS safety program. The contractor shall immediately report to FRS any injury to any of the contractor's employees.
- G. Marked-up or reproduced Architect's drawings will not be submitted as shop drawings.
- H. Contractor shall maintain worker compensation insurance during the life of the contract, as required by the state of Michigan. Contractor shall also maintain comprehensive general liability insurance, as described in the Contract Agreement.
- I. Contractor to provide product warranties in a form acceptable to the Owner for a term not less than one year, or as required by the specifications, commencing with substantial completion. Warranties shall be provided prior to final payment.
- J. Contractor shall attend regular and special meetings as deemed necessary by the Owner or FRS.
- K. In the event Contractor encounters on-the-site material reasonably believed to be asbestos or polychlorinated biphenyl (PCB) or other hazardous materials that have not been rendered harmless, Contractor shall immediately stop work in the area affected and report the condition to FRS in writing.
- L. Contractor shall be responsible to provide Safety Data Sheets (SDS) to FRS for any proposed materials or supplies to be used on site per OSHA Hazard Communications Standard and/or Michigan Right-To-Know Law.
- M. Contractor shall be responsible for compliance with the current requirements, laws and ordinances regulating or prohibiting disposal of any contaminants and contaminated substances.
- P. Prior to mobilizing on site, contractor shall meet with the project team to discuss and resolve any issues relating to material ordering, scheduling, safety, site conditions, site logistics, quality control, and sequencing of work. Prior to this meeting, contractor shall have provided a schedule of values, site specific safety manual, SDS data, insurance certificate, bond (if required), permits (if required), emergency contact information data, and a detailed working schedule to FRS.
- Q. Provide a copy of contractor's site specific safety program.
- R. Contractor employees must attend FRS project specific safety orientation program, which includes review of our safety video, review of project specific written safety program, sign-in and employee identification requirements.
- S. Contractor shall designate a safety representative(s) who will be working on site. Provide the safety representative's telephone and emergency telephone numbers. Safety rep must be CPR, first aid certified.
- T. No smoking or chewing tobacco use anywhere in the building or site.
- U. No radios/i-pod-like devices allowed within areas of construction.
- V. Hard hats, safety glasses, proper footwear, and reflective high visibility top are to be worn 100% all the time.
- W. Hoisting over occupied areas will not be permitted unless areas are vacated or a controlled access program is approved and initiated. A prelift plan is required.

- X. Hot work permits shall be obtained from FRS for all cutting, torching, and grinding activities.
- Y. Shutdown notifications shall be obtained from FRS for area interruptions to existing Owner operations, including utility shutdowns or modifications.
- Z. 100% fall protection for all exposures 6' or greater will be enforced in all areas of work, for all workers.
- AA. Toolbox safety talks will be completed on a weekly basis by each contractor. Sign-in sheets will be submitted to FRS as a condition of payment.
- BB. Contractor within one (1) week after receiving a notice to proceed, shall start submitting required shop drawings, apply for local permits, submit product data and other required submittals to support project scheduling. Each submittal shall follow submittal procedures as identified.
- CC. Furnish and deliver all materials required by this work, FOB jobsite. All deliveries shall be closely coordinated (minimum 48-hour notification) and approved by FRS prior to shipping. Materials can be delivered and staged on carts within certain areas as long as they are installed within 30 days of being delivered. Excessive, out-of-sequence and early delivery of materials will be prohibited and subject to re-handling and removal off site as directed by FRS.
- DD. Working hours will be defined by FRS and local ordinance. Any deviation from these may result in a back charge for FRS Superintendent overtime.
- EE. Any work that the contractor feels is a change to the contract must be brought to the attention of FRS within 10 calendar days with signed field tickets. Failure to do so will result in forfeiture of any monies owed.
- FF. All punch list items must have completion approved by FRS within 10 business days of issuance of punch list. Failure to do so will result in FRS completing the work and back charging the contractor.
- GG. Contractor proposal IS NOT part of the contract document unless specifically noted with the Contractor Agreement. Any exclusion not specifically written into the Contractor Agreement will not be acknowledged.
- HH. Contractor acknowledges and agrees the work within their contract may not be completed in a single mobilization and that their bid includes as many mobilizations as required to complete the project as scheduled by FRS.
- II. All contractors should note that there will not be any extras allowed except for requested added scope. Any work that can be inferred from the drawings and/or specifications must be included in the base bid.
- JJ. If any contractor cannot maintain the schedule, they will be required to work overtime at the contractor's expense, including any additional expense for FRS personnel.
- KK. If any contractor fails to properly staff the project or cannot maintain the schedule, FRS may hire additional companies or labor, at the contractor's expense, to complete the contractor's work any time after 48 hours written notice.
- LL. Contractors are to have trained and qualified personnel completing all work. Any personnel FRS deems to be unqualified can be removed from the site at any time.

## PROJECT SPECIFIC NOTES TO BIDDERS

Applies to all bid categories and Bidders

1. Daily Cleanup – All on-site personnel will spend a minimum 15 minutes at the end of each day cleaning up the site including picking up trash and debris, sweeping floors, and hauling trash to the appropriate dumpsters.
2. Site Security:
  - a. All persons entering the site will be required to sign in at the job-site trailer or school office.
  - b. All persons entering the site shall have proper identification consisting of a visible company badge, company logo clothing, or hard hat with FRS sticker.
  - c. All deliveries entering the site will be required to check in at the job-site trailer or school office.
3. The project site is located on a highly visible and public property and requires the utmost care and consideration for the property and its visitors. Therefore:
  - a. There will not be any smoking or tobacco use allowed on the property.
  - b. All personnel will be required to stay within the construction limits at all times. Pre-approval by the owner will be required for any work outside the boundaries.
  - c. Any inappropriate interactions with the property staff, students, or visitors will be reason for immediate removal from the site.
  - d. The public will be adjacent to the construction activities so all site personnel are expected to act appropriately at all times including no vulgar language, no radios, no inappropriate activities, and no unwanted interactions with the public. Warnings will be provided, but removal from the site will be an option.
4. Standard work hours for this project are 7:00 am to 3:30 pm Monday through Friday. FRS personnel are to be on site during all work hours so any contractor working outside those hours may be required to reimburse FRS for their additional hours.
5. Contractor shall provide one hard copy and one electronic copy of all operation and maintenance manuals, as-built drawings and other closeout documents specified by the project documents or as deemed appropriate by the Owner.
6. Any damage to existing facilities, existing landscaping, or new installed work is to be reported immediately by anyone and everyone that notices it. If it is not reported, all contractors on site will split the cost of repairs.
7. ProCore: The project will be managed via ProCore and all contractors must participate. If needed, FRS will provide training.
8. All project submittals, samples, closeout documents, etc. are to be delivered to FRS corporate office at 303 E. Third St., Suite 300, Rochester, MI 48307
9. Contractors are not to include any costs for third party inspections in their base bid. However, contractors are to cooperate and coordinate their work with FRS and the inspecting agency as required. SME will complete all third party inspections. Their contact is Andrew Smith at 586-484-3951.

10. Contractors are to include all costs for surveying and layout in their base bid from control points and building corners provided by FRS. All contractors requiring surveying / layout services are to utilize SDA. Their contact is Nick Dunn at 248-606-5442.
11. Contractors are not to include any costs for packing, storing, or moving owner furnishings, decorations, equipment, supplies, etc. in their base bid unless specifically noted in the bid scope.
12. Contractors are not to include any allowances in their base bid, even if specifically listed in the project documents, unless specifically noted in the bid scope.
13. Contractors are not to include any service and/or maintenance services in their base bid even if specifically listed in the project documents. Provide any additional cost for specified services under the trade alternate section on the bid form.
14. Contractors are not to include any costs in their base bid for temporary utility usage costs, unless specifically noted in the bid scope.
15. Contractors are not to include any costs in their base bid for winter conditions, temporary roads, temporary walls or enclosures, temporary facilities, private utility markings, general floor protection, or final cleaning, unless specifically noted in the bid scope.
16. Contractors are not to include any utility company fees or costs within their base bid unless specifically noted in the bid scope. However, contractors are to cooperate and coordinate their work with the respective utilities as required.
17. Contractors are to include all and any costs for drawing and/or CAD fees as specified in the architect's technical specifications. Contractors are to fill out the proper forms and work directly with the architect for any required CAD drawings.
18. Contractors are not to include any costs for fire watches in their base bid. However, any work that will limit, hinder, or shut down any existing fire alarm, fire protection or other facility safety system, including safe access routes, must provide FRS 48 hours written notice prior to that work beginning. After notification, FRS must give approval prior to this work beginning.
19. Contractor to provide standard one-year labor and workmanship warranty in base bid.
20. Contractors are not to include any attic stock in their bid.

## **PROJECT BID SCOPES**

The notations on the following pages are specific to the bid category mentioned. These notes are presented to clarify certain portions of the work to be performed under the bid category. The notes are not to be construed as a complete itemization of work included in the bid category or do they relieve the contractor of their responsibility to deliver a complete job in accordance with plans and specifications.

Nothing contained in the bidding documents, including the bid category descriptions, shall be construed as an assignment of work to any construction trade. Each contractor is responsible for its own work assignments when making this proposal. Information regarding scheduling of work is provided within the specific notes.



## **Bid Category A – Earthwork and Site Utilities**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish, install, maintain, and remove soil erosion control measures. Soil erosion control measures shall be maintained, modified, added to, etc., as necessary to ensure proper control of erosion per all local, state, and federal regulations. All erosion control must be in place prior to start of work. Do not remove erosion control until it is no longer required, by governing authority, then provide final clean out of storm structures at the end of the project.
3. Notification of MISS DIG at least 72 hours in advance of any excavations. Hand excavate at locations of known utilities until exact location and depth is determined.
4. Contractor is to review all soil borings/geotechnical report.
5. Coordinate work with other contractors and FRS personnel. Allow for notification of third party testing at least 24 hours.
6. Clean road (and driveways) on an as required basis according to FRS project superintendent or city requirements while on-site.
7. Coordinate with city, county, or state inspectors for inspections. Notify FRS project superintendent of all inspection dates.
8. Furnish, install, maintain and remove all required protective measures for site items scheduled to remain or newly installed items impacted by work of this trade.
9. Provide all clearing and grubbing as required for new work.
10. Provide all topsoil stripping, importing of new topsoil as required, and topsoil placement. Reuse existing topsoil to extent possible.
11. Provide all site demolition including all foundations from items removed.
12. Provide all pumping of incidental water as required for maintaining the progress of work for this bid category.
13. Maintain and submit as-built drawings as required by authority having jurisdiction.
14. Verify elevation of rough grades, utilities, and other items that may interfere with work of this bid category prior to the starting of work.
15. Furnish and install all storm sewer work to within 5'-0" of the building. Provide all taps and ancillary work as shown and required. Make final connections to piping stubbed out of building or take into building.
16. Furnish and install all sanitary sewer work to within 5'-0" of the building. Provide all taps and ancillary work as shown and required. Make final connections to piping stubbed out of building or take into building.
17. Furnish and install all water lines and water mains as shown on drawings. Provide all taps and ancillary work as shown and required. All waterlines to be brought to an appropriate flange 1'-0" above finished floor

18. Installation and backfill of all site utilities shall be in accordance with authorities having jurisdiction, their consultants, and project details and specifications.
19. Provide final tuckpointing of structures after paving.
20. All required grading and land balancing to achieve new grades including exporting and/or importing additional soils, when required.
21. Provide properly compacted backfill utilizing approved materials.
22. Proof roll existing subgrade and new building pads.
23. Furnish and install building pad. Building pad should be level within +/- .1' in 20' and extend 10' -0" beyond the exterior walls.
24. Furnish and install stone or sand base for all site concrete.
25. Haul off and legally dispose of any unacceptable or excess excavated material.
26. Restore areas disturbed outside lines of excavation and/or limits of grading as required.
27. Meet with asphalt contractor prior to start to verify grades and structure elevations.
28. Contractor to verify all quantities and not rely on quantity lists provided on drawings.
29. Have site survey/as built done prior to start of landscaping to verify grades.
30. Include all costs for dumpsters required for work of this trade. This trade will not be using dumpsters supplied by FRS.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish, install, maintain, and remove tree protection.
- C. Furnish and install complete retaining wall assembly, including drainage, backfill, etc. including that shown on landscape drawings.
- D. Furnish and install all drainage shown on landscape drawings.
- E. Furnish and install equipment yard underdrain.
- F. Provide excavation for site stairs.
- G. Furnish and install irrigation sleeves.
- H. Furnish and install base material where required for concrete curbs.
- I. Salvage and place existing aggregate base and supplement with new as required for asphalt paving.
- J. Provide sawcutting of pavements to be demolished where abutting existing to remain, whether indicated or not.
- K. Rework existing structures as indicated and as required for new work.

- L. Provide regrading of building pad area after installation of foundations.
- M. Provide regrading of site after completion of masonry.
- N. Provide load tickets for all imported materials at time of delivery.
- O. Provide adjustment of all existing utility structures as shown on the plans or as needed to meet final finish grades.
- P. Provide complete removal, legal disposal, and any backfill and compaction as required for all items shown or required in areas of work. Provide sawcutting as required. This includes, but is not limited to:
  - a. Demolition Notes 1-7

#### Exclude

- 1. The exclusions noted in the Project Specific Notes To Bidders
- 2. Undercutting and backfill of soils below proposed subgrade – work to be done per unit prices
- 3. Removal of spoils for other trades
- 4. Landscaping/restoration
- 5. Stone at equipment yard
- 6. Handholes for electrical/technology
- 7. Fencing
- 8. Bollards
- 9. Railings
- 10. Site signage
- 11. Storm water operator
- 12. Well-point dewatering
- 13. Foundation excavation/backfill, except as specifically noted
- 14. Light pole/fixture demolition
- 15. Site electrical excavation/backfill
- 16. Screening topsoil
- 17. Site concrete
- 18. Building pad vapor barrier
- 19. Asphalt pavement

#### Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #3

Trade Alternates

Trade alternate pricing is not required for this bid category.

Unit Costs

Mandatory unit cost pricing is required for this bid category. Provide pricing on bid form.

- A. Additional excavation, per cubic yard
- B. Complete undercut (excavation, loading, hauling out and in, placing, compacting), per ton
- C. Compacted backfill (on-site materials), per cubic yard
- D. Compacted sand backfill (imported), per truck cubic yard
- E. Additional imported topsoil, per truck cubic yard
- F. Rate for bulldozer with operator for miscellaneous work, per hour
- G. Additional street sweeping while not on site, per trip

-- End --

## **Bid Category B – Asphalt Pavement**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Verification of grade, proof rolling, fine grading, and compacting of base prior to the start of work of this bid category.
3. Furnish and install asphalt paving.
4. Furnish and install all pavement markings.
5. Provide saw cutting, milling, and patching as required to blend new paving to any existing paving.
6. Furnish, install, maintain, and remove temporary barricades and signage as required for work of this bid category.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. The existing asphalt base will be left in place and supplemented by others. Provide fine grading and compacting as required.
- C. Restripe disturbed asphalt parking lot areas.
- D. Restripe all items within contractor storage area per FRS logistics plan.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Demolition
3. Undercutting and backfill of soils below proposed subgrade – work to be done per unit prices
4. Stone base material
5. Site signage
6. Stone at equipment yard
7. Irrigation sleeves
8. Rough grading
9. Site utilities including underdrains
10. Site concrete including curbs and gutter
11. Concrete collars
12. Restoration/landscaping
13. Soil erosion control measures

#### 14. Bollards

##### Alternates

Mandatory alternates pricing is not required for this bid category.

##### Trade Alternates

Trade alternate pricing is not required for this bid category.

##### Unit Costs

Mandatory unit cost pricing is required for this bid category. Provide pricing on bid form

- A. Furnish and install additional 21AA crushed concrete aggregate base, per ton
- B. Furnish and install additional 21AA limestone aggregate base, per ton
- C. Provide excavation for undercuts, per truck cubic yard
- D. Complete undercut with 21AA crushed concrete (excavation, loading, hauling out and in, placing, compacting), per ton
- E. Complete undercut with 21AA limestone (excavation, loading, hauling out and in, placing, compacting), per ton

-- End --

## **Bid Category C – Landscaping and Irrigation**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Fine grading of all required topsoil for the project. Topsoil will be placed by the earthwork contractor.
3. Furnish and install all plantings on the plant material list and landscape drawings and all associated planting accessories.
4. Furnish and install all fertilizer and weed control work.
5. Furnish and install all planting mixes, soil amendment materials, mulching, and accessories.
6. Furnish and install all sodding for a complete installation as indicated.
7. Provide excavation and backfill for work of this trade. Haul spoils generated by work of this trade off site.
8. Furnish and install all landscape edging and other miscellaneous items required for a complete installation.
9. Furnish and install landscaping irrigation system, including all control wiring, conduits, backflow preventer and final connection to water source.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install stone at equipment yard. Include type per ASP.1 note.
- C. Provide cutting to subgrade and complete maintenance strip detail as indicated.
- D. Provide fine grading and sodding/restoration of all disturbed areas outlined on LP.1 and as required for work of this trade.
- E. Furnish and install topsoil required for planting mixes or for tree planting.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Retaining wall
3. Drainage
4. Bollards
5. Site furnishings
6. Irrigation sleeves
7. Soil erosion control measures except sodding
8. Screening or placement of topsoil
9. Tree protection/fencing

10. Site concrete
11. Railings
12. Fencing/dumpster gates
13. Site signage
14. Lighting
15. Power to irrigation controller

Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #3

Trade Alternates

Trade alternate pricing is not required for this bid category.

Unit Costs

Mandatory unit cost pricing is required for this bid category. Provide pricing with bid form.



## Landscaping and Irrigation

Please provide this sheet with your bid.

### Unit Costs:

Additional sodding	\$ _____ /SY
Import and place topsoil	\$ _____ /CY
AS	\$ _____ /EA
GB	\$ _____ /EA
SR	\$ _____ /EA
PP	\$ _____ /EA
EF	\$ _____ /EA
JH	\$ _____ /EA
LM	\$ _____ /EA
SA	\$ _____ /EA
SP	\$ _____ /EA

-- End --

## **Bid Category D – Fencing**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install complete dumpster gate framing.
3. Furnish and install all fasteners, hardware, etc. for a complete system installation for work of this trade.
4. Provide all excavation, backfill, and spoil removal from site for work of this trade.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. All posts to be set in concrete.
- C. Furnish and install dumpster gate framing and hardware for metal siding installation by others. Reference various architectural drawings including A.202.
- D. Furnish and install 6' high, post driven, top rail, screened temporary fence and gates as shown on the FRS logistic plan.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Site signage or posts
3. Soil erosion
4. Tree protection
5. Restoration
6. Any work within building
7. Handrails
8. Bollards

### Alternates

Mandatory alternates pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is required for this bid category.

1. To provide a composite lumber material on dumpster gate in lieu of metal siding by others.

### Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. To provide 6' temporary post-driven fence without screening and with top rail, per lineal foot
2. To provide additional temporary 4' gate, per each
3. To provide additional temporary 20' gates, per each

4. To furnish and install 6" concrete filled bollards, per each

-- End --

## **Bid Category E – Concrete Foundations**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all concrete footings and foundations per the plans and specifications.
3. Furnish and install all steel reinforcing for work of this trade.
4. Provide "box-outs" or openings in concrete footings for other trades. Coordinate and install sleeves/wall penetrations with other trades. Include returning at a later date to fill them in.
5. All required excavation, backfill, and compaction required for the installation of foundations.
6. Receive, store, and accurately set all items furnished by others and embedded within the work of this bid category.
7. Furnish and install all concrete accessories and miscellaneous accessories as required to complete the work of this trade.
8. Furnish, install, and remove all forming required for work of this trade.
9. Coordinate with CM any and all inspections required by the authorities having jurisdiction.
10. Pumping of incidental water as required for maintaining the progress of work for this bid category.
11. Set structural steel anchor bolts and grout leveling plates as shown. Anchor bolts and leveling plates furnished by others.
12. Provide, install, and maintain OSHA approved safety caps on all exposed reinforcing steel ends.
13. Any mud and/or debris tracked on paved surfaces and public roads by work of this bid category shall be removed daily.
14. Provide all hoisting and pumping for this work as required.
15. Furnish and install reinforcing steel dowel extensions protruding from work of this trade.
16. Furnish, install, maintain, and remove temporary barricades and signage as required for work of this bid category.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. All concrete washouts to be placed in one location as directed by Rewold. Remove all concrete from site at end of project.
- C. Install bollards provided by others. Reference civil and architectural for full extent.
- D. Base bid is to include trench foundations both exterior and interior.
- E. All spoils generated by work of this trade to be hauled off site.
- F. Furnish and install frost footings. Frost footings to be mass poured.

- G. Install sleeves furnished by others for work of their trade. Coordinate layout with appropriate contractors as required.

Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Signage foundations
3. Irrigation sleeves
4. Light pole bases
5. Any work associated with site stairs
6. Concrete flatwork
7. Thickened slabs
8. Furnishing of sleeves
9. Furnishing of miscellaneous steel and anchor bolts
10. Frost footing top caps
11. Dampproofing
12. Insulation

Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #3

Trade Alternates

Trade alternate pricing is required for this bid category.

1. To provide all formed foundations and concrete walls in lieu of earth formed foundations in base bid.

Unit Costs

Mandatory unit cost pricing is required for this bid category. Provide pricing on bid form

1. Additional excavation, hauling off of spoils, and placement of concrete per CY

-- End --

## **Bid Category F – Site Concrete and Concrete Flatwork**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Verification of grade, proof rolling, fine grading, and compacting of base prior to the start of work of this bid category.
3. Earthwork contractor to grade the site to rough grade elevations and provide sand or stone base for all flatwork. Flatwork contractor to provide fine grading and compaction as required.
4. Furnish and install all reinforcing for work of this trade.
5. Furnish and install all interior concrete flatwork.
6. Furnish and install vapor barrier.
7. Furnish and install all site concrete.
8. Furnish and install all concrete accessories and miscellaneous accessories as required to complete the work of this trade.
9. Furnish, install, and remove all forming required for work of this trade.
10. Receive, store, and accurately set all items furnished by others and embedded within the work of this bid category.
11. Furnish and install concrete curing methods and hardeners as specified.
12. Restore areas disturbed outside lines of excavation and/or limits of grading as required.
13. Provide pumping of incidental water as required for maintaining the progress of work for this bid category.
14. Any mud and/or debris tracked on paved surfaces and public roads by work of this bid category shall be removed daily.
15. Provide all hoisting and pumping for this work as required.
16. Furnishing, maintenance and removal of temporary barricades and signage as required for work of this bid category.
17. Coordinate slab treatments with FRS, architect, and flooring contractor prior to application for compatibility with flooring systems.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. All concrete washouts to be placed in one location as directed by Rewold. Remove all concrete from site at end of project.
- C. Furnish and install concrete curb and gutter.
- D. Furnish and install concrete collar.
- E. Furnish and install site concrete stairs including foundations.

- F. Furnish and install site concrete ramps.
- G. Furnish and install all horizontal insulation. Include excavation and grading as required. Haul spoils off site.
- H. Furnish and install concrete sealer.
- I. Furnish and install all doweling as required for work of this trade.
- J. Furnish and install moisture vapor emissions control admixtures (VaporLock 20/20) at all interior slabs on grade, whether specified or not.
- K. Furnish and install frost footing top caps.
- L. Furnish and install all concrete from top of footing to top of slab at columns and all column isolation as required.
- M. Furnish and install thickened slabs, including all excavation, grading, and spoils hauled off site.
- N. Furnish and install housekeeping pads. Reference plumbing drawings.

#### Exclude

- 1. The exclusions noted in the Project Specific Notes To Bidders
- 2. Demolition
- 3. Irrigation sleeves
- 4. Bollards
- 5. Transformer pad
- 6. Generator pad
- 7. Handrails
- 8. Light pole bases
- 9. Concrete foundations, except as specifically noted
- 10. Concrete joint sealants
- 11. Underdrains
- 12. Concrete base material
- 13. Maintenance strips
- 14. Restoration, except as specifically noted

#### Alternates

Mandatory alternates pricing is required for this bid category.

- 1. Alternate #3

Trade Alternates

Trade alternate pricing is not required for this bid category.

Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. Import and place sand, per cubic yard

-- End --



## Bid Category G – Masonry

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Installation of access doors in new masonry walls. Access doors will be supplied by other trades.
3. Installation of all embedded items, anchors, sleeves, and openings in masonry for work of other trades.
4. Labor to set all steel lintels and bearing plates in masonry walls. All masonry or precast lintels furnished and installed by this contractor.
5. Furnish and install all above-grade and below-grade masonry work.
6. Furnish and install all C-Brick work.
7. Furnish and install all above-grade and below-grade masonry accessories.
8. Furnish and install all reinforcing for work of this trade.
9. Cleaning and incidental dewatering of foundations as required for maintaining the progress of work for this bid category.
10. Labor, equipment, and materials to return after the installation of other construction and infill masonry tight to other construction.
11. Receiving, unloading, inventory, properly storing, and installation of hollow metal frames in masonry walls. (Frames to be supplied by others.)
12. Coordinate and guarantee opening dimensions for other trades work in work of this trade.
13. Furnish and install masonry and brick anchors. Attach to structure as required.
14. Furnish and install all flashings associated with masonry work as specified. Do not cover until inspected by FRS representative.
15. Provide all insulation in masonry walls.
16. Provide all required bond beams.
17. Grout all below-grade masonry and above-grade as noted.
18. Maintain all off-road areas and building pad being used by this bid category's material handling equipment free from ruts. Provide cleanup of masonry debris on a **daily** basis.
19. Provide all box-outs or openings required for plumbing, mechanical, or electrical trades shown on plans or identified in the field in new walls. Provide installation of sleeves for mechanical and electrical work in new masonry walls.
20. Receiving, unloading, inventory, properly storing and installation of lintels, support beams and relieving angles associated with masonry work. (Furnished by others)
21. All required protective measures required to complete work adjacent to, or over finished surfaces installed prior to your work. This includes, but is not limited to, roof protection, window

protection, flooring protection, wall protection, etc.

22. Include all temporary bracing of masonry walls per MIOSHA standards.
23. Furnish all labor and material required to properly cover masonry, mortar materials, and work in progress, as required. Take particular caution to cover top of walls daily to eliminate moisture penetrating wall cavity.
24. Protect all installed work, including installed work by others, to be protected by this bid category prior to cleaning of masonry.
25. Cleaning of all exposed masonry products as called out in the specifications.
26. Scrape and clean mortar off floors, walks, steel and other building components.
27. Include all costs for dumpsters required for work of this trade. This trade will not be using dumpsters supplied by Frank Rewold and Son Inc. Coordinate location of all dumpsters with FRS.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install stainless steel flashing (noted as typical Keynote 13).
- C. Furnish and install exterior sills (noted as typical Keynote 9).
- D. Install anchor bolts furnished by others at parapet.
- E. Furnish and install loose strap anchors at wall intersections.

Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Furnishing of steel lintels
3. Furnishing anchor bolts
4. Insulation under metal panels
5. Air/vapor barrier
6. Installation of steel items bolted into block walls
7. Furnishing of HM Frames
8. Top of masonry steel clip braces
9. Caulking/joint sealants
10. Head of wall firestopping
11. Stenciling/lettering fire-rated walls

Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #1 - Work related to this scope: stainless steel flashing
2. Alternate #3 - Work related to this scope: masonry work where door is

Trade Alternates

Trade alternate pricing is not required for this bid category.

Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category H – Structural Steel and Miscellaneous Metals**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Detailing, fabricating, hoisting, and erecting of structural steel and miscellaneous steel items, according to the project schedule.
3. Furnish and deliver anchor bolts and leveling and bearing plates for work of this bid category which are to be embedded in work of other trades in ample time so as to not delay work. Delivery shall include unloading at jobsite and turnover to the applicable contractor.
4. Check and confirm the location of work of other trades installed by others at least one week prior to start of erection for work of this bid category. Advise Frank Rewold and Son Inc. in writing of any discrepancies so corrective action can be taken. If discrepancies are not reported prior to start of erection, this contractor shall be responsible for any corrective action and loss of time.
5. Furnish and delivery of steel lintels as indicated.
6. Furnish and delivery of brick support angles.
7. Furnish and install all structural steel framing. Include all steel shown on all the drawings, not just structural drawings.
8. Furnish and install steel joist framing.
9. Furnish and install steel decking.
10. Provide galvanizing of all steel items where indicated or specified. Field galvanization or cold galvanization will not be accepted.
11. Any anchors for fastening steel to dissimilar materials as required by the work of this bid category.
12. Include all required temporary cabling or braces to hold work of this bid category in place until supporting work is installed.
13. Furnish and install miscellaneous steel items and framing.
14. All required protective measures required to complete work adjacent to, or over finished surfaces installed prior to your work. This includes, but is not limited to, roof protection, window protection, flooring protection, wall protection, etc.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish bollards provided by others. Reference civil and architectural for full extent. Below grade part to be primed with two coats of rust inhibiting primer.
- C. Note that exposed steel construction is an architectural component of the building and that an extra level of care is required in these areas from material handling to installation.
- D. Furnish and install roof access ladder.
- E. Furnish and install parapet access ladder.

- F. Furnish and install sill angles. Reference architectural drawings.
- G. Furnish overhead door jambs and heads. Coordinate with mason for installation. Install expansion anchors where indicated. Reference A.801 and structural.
- H. Furnish and install masonry strap anchors welded on structural members.
- I. Weld loops for masonry anchors onto structural members as required.
- J. Furnish and install top of masonry wall steel angle clip braces. Reference structural and architectural drawings. These are at all masonry walls extending to deck.
- K. Furnish and install all steel bolted to masonry.

#### Exclude

- 1. The exclusions noted in the Project Specific Notes To Bidders
- 2. Site handrails
- 3. AESS steel
- 4. Finish painting of bollards
- 5. Painting access ladders
- 6. Top of masonry wall isolation material
- 7. Cold-formed framing
- 8. Unmarked lintels for mechanical penetrations
- 9. Grouting of base plates
- 10. Installation of steel lintels in masonry walls
- 11. Installation of items embedded in concrete
- 12. Wall Type P3 'steel channel'

#### Alternates

Mandatory alternates pricing is required for this bid category.

- 1. Alternate #1 - Work related to this scope: steel framing, deck, and tie-backs

#### Trade Alternates

Trade alternate pricing is not required for this bid category.

#### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

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-- End --

## **Bid Category I – Handrails**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Detailing, fabricating, and installation of handrails.
3. Furnish and install all handrails.
4. All required protective measures required to complete work adjacent to, or over finished surfaces installed prior to work of this trade.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install all work of this trade as finished.
- C. Provide all coring and grouting as required.
- D. Furnish and install site ramp handrails.
- E. Furnish and install site stair handrails.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Any work other than handrails and associated work
3. ASTM E product test reports

### Mandatory Alternates

Mandatory alternate pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is not required for this bid category

### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category J – Carpentry, Doors, and Ceilings**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. It is the intention of this bid category to furnish and install all rough carpentry shown on the drawings, and described in the specifications, except as specifically noted. Itemization and detailed references are provided as general reference to indicate intent. It is the bidder's responsibility to perform a thorough investigation of the documents to ensure full scope is provided.
3. Furnish and install all wood blocking and nailers as indicated on drawings.
4. Furnish and install all cold-formed and light gauge metal framing.
5. Furnish and install all gypsum board work for a complete gypsum board system/assembly, including all finishing.
6. Furnish and install all building insulation, except as specifically noted.
7. Furnish and install all hollow metal frames, hollow metal doors, wood doors, and associated hardware.
8. Furnish and install all grid, acoustical lay-in ceilings, and associated accessories for a complete assembly.
9. Coordinate all ceiling layouts with mechanical and electrical contractors before installation
10. Furnish and install additional hangers at the corners of all light fixtures in lay-in ceilings to meet requirements of electrical code.
11. Coordinate with masonry and concrete contractor for installation of anchor bolts, straps, and anchoring hardware for work of this trade.
12. Provide all anchors and fasteners for work of this category.
13. Installation of access doors in work of this trade for access to work of other trades. Access doors will be supplied by other trades.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Coordinate work with security contractor and electrical contractor for all electrical/security door hardware.
- C. Wood doors to be factory finished.
- D. Provide factory glazed doors.
- E. Furnish and install acoustic baffles.
- F. Furnish and install edge trim at suspended acoustic ceiling 'clouds' whether shown or not.
- G. Furnish and install all fire extinguishers and associated cabinets.
- H. Provide delegated design signed and sealed cold-formed metal framing shop drawings as

required.

- I. Furnish and install metal stud/gypsum board work, including reveals at all millwork/knee walls.
- J. Furnish and install parapet nailers. Furnish parapet anchor bolts to mason for installation.
- K. Furnish and install all z-furring, metal stud framing, insulation, and sheathing behind metal panels.
- L. Furnish and install blocking (to be treated lumber in lieu of metal studs) at aluminum frames as indicated.
- M. Furnish and install all cement board under wall tile at metal stud walls. Do not include taping and prep.
- N. Furnish and install blocking for all wall mounted items shown, including owner items.
- O. Furnish and install all acoustic sealant at work of this trade.
- P. All gypsum board to be finished to Level 4.
- Q. Furnish and install plywood backboards. Reference electrical drawings.
- R. Provide blocking for T.V.s. reference electrical drawings.
- S. Furnish and install light gauge framing as required for 'steel channel' at Wall Type P3.
- T. Furnish and install metal framed furring and gypsum board on block walls. It's to be included on all walls where shown in plan view, even where not tagged.

#### Exclude

- 1. The exclusions noted in the Project Specific Notes To Bidders
- 2. Heavy duty metal shelving
- 3. Hollow metal frame installation in masonry walls
- 4. Joint sealants/caulking except as specifically noted
- 5. Firestopping
- 6. Metal siding/panels
- 7. Air/vapor barrier
- 8. Solar tube skylights
- 9. Overhead doors
- 10. Glass and glazing except at wood doors
- 11. Division 10 Specialties, except as specifically noted
- 12. Signage/wall graphics
- 13. Roller window shades



14. Millwork and casework
15. Borrowed lite 'G'
16. Solid surfacing materials, including sills
17. Tech staging island subframing
18. NBS doors, glass, and hardware
19. Wiring of electrified door hardware
20. Noted building insulation
  - a. Below membrane roofing
  - b. Below grade (below slab on grade and foundation walls)
  - c. Insulation between masonry veneer and masonry back-up

#### Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #1 – Work related to this scope: metal stud framing, nailers, plywood fascia/deck

#### Trade Alternates

Trade alternate pricing is required for this bid category.

1. To change DensElement to DensGlass.
2. At gypsum board walls, to provide hollow metal frame that wraps the wall in lieu of drywall returns to the face of frame as detailed.

#### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category K – Roofing**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all wood blocking or nailers required by this bid category as required for a complete roofing system except as specifically excluded.
3. Furnish and install roof insulation system as indicated and for proper roof drainage.
4. Furnish and install membrane roofing system complete. Provide all flashings, termination bars, and other miscellaneous items required for a complete installation and obtaining specified warranty. Include work on vertical surfaces where shown.
5. Furnish and install all flashings, counter flashings, etc. associated with roofing systems.
6. Furnish and install joint sealants within and between roofing components, at all terminations, at all copings and flashings and all dissimilar materials.
7. Furnish and install all roof specialties and accessories.
8. All labor and materials to flash in new roof curbs or penetrations through roof.
9. One hundred percent (100%) fall protection for roof work above (6) foot or in areas where work is within a (6) foot of the leading edge with more than a 3'-0" drop. Including any temporary work required to provide tie-off points; including maintenance of fall protection for the duration of the project.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Roof installation will be inspected by the owner's roofing consultant StructureTec. Contractor to coordinate, schedule, and attend inspections.
- C. Furnish and install complete tube skylight assembly, including wood curbs.
- D. Review mechanical and plumbing drawings for associated roof penetrations. Flash all penetrations as required.
- E. Furnish and install rigid vertical insulation under membrane roofing.
- F. Furnish and install roof hatch with integral curb.
- G. Furnish and install walkway pads as indicated.
- H. Furnish and install all parapet copings, including that over top of metal siding systems.

Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Metal siding
3. Wood blocking/nailers that are shown
4. Roof access and parapet access ladder

5. Furnish and installation of roof sumps
6. Furnish and installation of roof curbs
7. Copings at composite metal panels
8. Cover board

#### Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #1 - Work related to this scope: membrane roofing, insulation, metal fascia and coping cap. Blocking, plywood, and metal soffit by others.

#### Trade Alternates

Trade alternate pricing is required for this bid category.

1. To provide shop-fabricated metals fabricated to meet ES-1 requirements in lieu of pre-manufactured specialties.

#### Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. To add additional walk way pads, per each

-- End --

## **Bid Category L – Metal Siding**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all wood blocking or nailers required by this bid category that are not shown on the drawings and required for a complete system.
3. Furnish and install metal wall panel system complete. Provide all flashings, closures, and other miscellaneous items required for a complete installation and obtaining specified warranty.
4. Furnish and install composite aluminum panel system complete. Provide all flashings and other miscellaneous items required for a complete installation and obtaining specified warranty.
5. Furnish and install joint sealants within and between components of work of this trade and at all copings, flashings, and all dissimilar materials.
6. One hundred percent (100%) fall protection for roof work above (6) foot or in areas where work is within a (6) foot of the leading edge with more than a 3'-0" drop. Including any temporary work required to provide tie-off points; including maintenance of fall protection for the duration of the project.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install metal siding on dumpster gate framing. Gate framing provided by others.
- C. Furnish and install all subframing, clips, etc. as required for installation of work of this trade that is required but not shown.
- D. Furnish and install top and bottom closure pieces at metal siding assemblies.
- E. Furnish and install composite metal panel copings.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Membrane roofing
3. Parapet caps including those wrapping top of metal siding.
4. Roof accessories
5. Roof and parapet access ladder
6. Wall graphics
7. Air/vapor barrier
8. Z-furring and metal stud framing that is shown
9. Sheathing
10. Insulation

## 11. Integral mechanical equipment screens

### Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #1 - Work related to this scope: aluminum soffit on metal framing by others. Fascia and parapet cap by others. Price to reflect continuing metal siding up wall if canopy is not selected.

### Trade Alternates

Trade alternate pricing is required for this bid category.

1. To delete metal siding work off dumpster gate for different finish by others.

### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category M – Joint Sealants**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all backer rod, caulking, and sealant work associated with new masonry work.
  - Include sealant at all locations where new masonry abuts a dissimilar surface
  - Include sealant at all corners of new masonry to new masonry walls which leaves a straight-raked joint for sealant
  - Include sealant at all control joints in new masonry and new veneer surfaces
  - Include sealant at all locations where new masonry abuts a drywall surface
3. Furnish and install caulk at all locations where new drywall partitions or ceilings abut dissimilar surfaces, control joints, etc.
4. All caulking and sealant work associated with site concrete.
5. Furnish and install caulking and sealant of hollow metal frames.
6. Provide cleaning and surface prep prior to installation.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install all air/vapor barrier.
- C. Furnish and install caulking at gypsum board returns to aluminum framing.
- D. Caulk in all new hollow metal frames, whether indicated or not. Reference door schedule.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Top of masonry wall clips/bracing
3. Top of masonry wall isolation material at non-rated walls
4. Caulking and sealants for aluminum framing, except as specifically noted
5. Caulking and sealants for roofing and sheet metal work
6. Caulking and sealants for metal panel work
7. Caulking of plumbing fixtures
8. Caulking of millwork
9. Firestopping of mechanical and electrical pipe penetrations

### Alternates

Mandatory alternates pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is required for this bid category.

1. To delete air/vapor barrier on masonry behind metal panels.
2. To delete project specific ABAA certification.

Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. Additional backing rod and caulk in masonry walls, per lineal foot
2. Additional concrete joint sealants, per lineal foot
3. Additional door frame caulking, per lineal foot
4. Additional top of wall firestopping and sealant, per lineal foot

-- End --

## **Bid Category N – Overhead Doors**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all sectional doors with fasteners, hardware, supports, and incidentals required for a complete installation.
3. Provide motors and controls as required for each door.
4. Provide for all caulking and sealants required to complete this work.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Provide all integrally glazed doors.
- C. Furnish and install all safety mechanisms as specified and indicated.
- D. Furnish and install all keyed cylinders masterkeyed to building system or cylinders capable of receiving interchangeable cores to be provided by others.
- E. Provide all control wiring of motor operators from power at junction box provided by others.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Any other doors, frames, or hardware
3. Steel jambs/heads
4. Remote operators
5. Interconnection to security system

### Alternates

Mandatory alternate pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is not required for this bid category.

### Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. To add programmed remote operators for sectional overhead doors, per each

-- End --



## **Bid Category O – Aluminum, Glass, and Glazing**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all aluminum storefront and windows, including all aluminum doors, and associated hardware. (Except final cores and keying).
3. Furnish and install all interior and exterior glazing. It is the intent of this bid category to furnish and install all glass and glazing on this project except as specifically excluded.
4. Furnish and install all door hardware for aluminum doors. Final cores will be supplied and installed by others.
5. Furnish and install all interior and exterior caulking and sealants between work of this trade and dissimilar materials where noted, specified, or otherwise required for a watertight installation.
6. Coordinate with and provide opening dimensions and tolerances to other contractors as required.
7. Furnish and install closure pieces, flashings, break-metal pieces, blocking, plywood, shims, clips angles, or support steel as required for the installation of the work of this bid category regardless if they are shown on the design documents or not.
8. Coordinate and provide frame and doors preparations and raceways within framing systems to receive security devices, card readers, electric strikes, etc.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install reception window glass system.
- C. Furnish and install borrowed lite 'G' as an aluminum framed and glazed window system.
- D. Furnish and install new handicap door operators at work of this trade. Provide power supplies, interior and exterior push buttons. Include wiring of push buttons to operator and from operator to power J-box. Power to junction box provided by others. Coordinate with security contractor for connection of access control system with handicap operators.
- E. Coordinate cylinder compatibility with core supplier.
- F. Furnish and install frameless mirrors. Disregard any note to toilet accessories/by others.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Solar tube skylights
3. NBS glass door system
4. Adhered films
5. Solid surface sills
6. Aluminum composite panels

7. Wall graphics/backing panels
8. Overhead door glazing
9. Door glazing for wood and hollow metal doors
10. Window shades
11. Hollow metal/wood door hardware
12. Wiring of electrified door hardware

Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #3

Trade Alternates

Trade alternate pricing is required for this bid category.

1. To furnish and install bidder's recommended interior glass door/partition system with integral hardware in lieu of NBS furniture system by others.

Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category P – Hard Tile**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all hard tile including all required surface preparation, adhesives, grout, and accessories for a complete installation.
3. Furnish and install all caulking for work of this trade to dissimilar materials as may be required.
4. Review and accept surface prior to installation. Start of installation shall indicate acceptance of area.
5. Provide final cleaning of subfloors prior to installation.
6. Clean all excess grout and residue from finished tile work.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Tape and prep all cement board provided by others.
- C. Furnish and install all trims between work of this trade and dissimilar material.
- D. Furnish and install all tile wall base.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Carpet and resilient
3. Cement board
4. Waterproofing
5. Concrete sealers

### Alternates

Mandatory alternates pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is required for this bid category.

1. To provide Power Grout or equivalent.
2. To provide waterproofing at tile walls in bathrooms.
3. To provide waterproofing at all floor tile in bathrooms.
4. To furnish, install, and remove manufacturer's and bidder's most preferred/recommended flooring protection over finished floor.

### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category Q – Carpet and Resilient Flooring**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all carpet flooring.
3. Furnish and install all luxury vinyl tile.
4. Furnish and install all vinyl wall base.
5. Furnish and install all adhesives and accessories including all transition strips, etc. as required for a complete flooring system as indicated and specified.
6. Provide final cleaning of subfloors prior to installation.
7. Coordinate finish floor elevations with door openings.
8. Contractor shall review and accept surface prior to installation. Start of installation shall indicate acceptance of area.
9. Furnish and install vinyl base in the toe kick and exposed ends of all cabinets and millwork.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Provide all moisture testing as specified and as required by manufacturers.
- C. Furnish and install all required floor prep for resilient products per manufacturers recommendations.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Concrete sealers
3. Hard tile
4. Floor protection
5. Final cleaning of floors
6. Moisture vapor emission control

### Alternates

Mandatory alternates pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is required for this bid category.

1. To furnish, install, and remove manufacturer's and bidder's most preferred/recommended flooring protection over finished floor.

### Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. Floor prep labor, per hour
2. Floor stone material, per bag
3. Kostar system, per square foot
4. Spray-Lock adhesive, per square foot
5. Ram-Board type floor protection including removal, per square foot
6. Rosin paper type floor protection including removal, per square foot

-- End --

## **Bid Category R – Painting**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. All required surface preparation, spotting, and touchup of surfaces prior to painting.
3. All required labor and material to protect adjacent surfaces from overspray or other finishes prior to work of this bid category.
4. Prime and paint all surfaces as indicated on the finish plans and/or identified in the project documents.
5. Installation of door mutes after final coating of door frames.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Paint all bollards. Reference civil and architectural for full extent.
- C. At painting of exposed ceilings, properly prep and paint all exposed elements of construction.
- D. Properly prep and paint all hollow metal doors and frames.
- E. Paint overhead door steel jambs/heads.
- F. Paint roof access and parapet access ladders.
- G. Paint gas pipe.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Cleaning of new masonry walls
3. Stenciling/lettering fire-rated walls
4. Concrete sealers
5. Finishing of wood doors
6. Finishing of millwork/trim
7. Pipe identification

### Alternates

Mandatory alternates pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is not required for this bid category.

### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

--End --

## **Bid Category S – Signage**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install interior signage.
3. Furnish and install exterior signage.
4. Furnish and install dimensional letter signage.
5. Furnish and install all hardware, trim, fasteners, and accessories, etc. for complete installation.
6. Provide all anchors, structural supports, etc. as required for a complete installation.
7. Provide all caulking and sealants for work of this trade.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install all site signage per civil drawings.
- C. Furnish and install lit letters. Provide all integral lighting and wiring from junction box with power provided by others.
- D. Furnish and install exterior wall graphics on aluminum panels.
- E. Furnish and install interior wall graphics on aluminum panels.
- F. Furnish and install ADA restroom signage.
- G. Coordinate with other trades as required for mounting/fastening work of this trade and as required to maintain warranties of other products/assemblies.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Site restoration
3. All other Division 10 Specialties
4. Stenciling/lettering fire-rated walls
5. Lights at exterior wall graphics

### Alternates

Mandatory alternates pricing is not required for this bid category.

### Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. To upgrade post-mounted parking lot signs to add 6" concrete filled pipe bollard and plastic sleeve in concrete foundation 42" below grade, per each

-- End --

## **Bid Category T – Toilet Partitions and Accessories**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all toilet partitions complete with all hardware and accessories for a complete installation per the plans and specifications.
3. Furnish and install all toilet and bath accessories complete with all hardware and accessories for a complete installation per the plans and specifications.
4. Coordinate with other trades for any required in wall blocking.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Wood blocking or backing
3. All other Division 10 Specialties
4. Heavy duty metal shelving
5. Mirrors
6. Trash grommets
7. Drinking fountains

### Alternates

Mandatory alternates pricing is not required for this bid category.

### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --



## **Bid Category U – Roller Shades**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all blinds and shades per the plans and specifications.
3. Furnish and install all hardware, trim, fasteners, and accessories etc. for a complete installation
4. Coordinate with other trades for any required in wall blocking.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Field measure all openings prior to ordering materials.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Wood blocking or backing
3. All other Division 10 Specialties

### Alternates

Mandatory alternate pricing is not required for this bid category.

### Trade Alternates

Trade alternate pricing is not required for this bid category.

### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category V – Millwork and Casework**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. Furnish and install all millwork and casework.
3. Furnish and install all solid-surface material and all required associated work for a complete installation.
4. Furnish and install all plastic laminate millwork and casework and all required associated work for a complete installation.
5. Furnish and install all surface-mounted blocking as required for a complete scope.
6. Coordinate with other trades for any required in wall blocking.
7. Provide all caulking and sealants of millwork and casework to dissimilar materials.
8. Provide cutouts in millwork and casework for other work where required.
9. Provide all anchors, fasteners, supports, filler panels, etc. as required for a complete installation.
10. Provide all hardware, locks, inserts and other accessories as required for a complete installation.
11. Coordinate installation of work with all other trades.
12. Provide protection of installed millwork and casework from damage by other trades.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install all trash grommets and other grommets as required.
- C. Furnish and install complete Tech Staging Island assembly including all subframing, brackets, counters, etc. for a complete installation.
- D. Caulk top of sills to frame and bottom of sills to wall/skirt.
- E. Furnish and install all solid surface window sills and skirts.
- F. Note required clear dimensions.

### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Quality certification
3. NBS furniture
4. Heavy duty metal shelving
5. Doors, frames, and hardware

6. Metal stud/gypsum board work at millwork/knee walls
7. Reception desk glass/glazing system
8. Division 10 Specialties
9. Roller window shades
10. In-wall blocking
11. Signage/graphics

Alternates

Mandatory alternate pricing is required for this bid category.

1. Alternate #2

Trade Alternates

Trade alternate pricing is not required for this bid category.

Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category W – Fire Suppression**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. All required permits and inspection fees for work of this bid category. Contractors are to schedule and attend all inspections.
3. All required core drilling, cutting, patching, and firestopping as required to complete work of this bid category.
4. Provide all common work results as specified for work of this trade.
5. Furnish and install all hangers, pipe supports, pipe stands, etc. as required for work of this trade.
6. Furnish and install complete fire protection system as shown on the bid documents. All sprinkler heads shall be centered in ceiling tile in both directions.
7. Fire protection piping starts at flanged connection 1'-0" above floor slab.
8. Furnish and install all required flow and tamper switches.
9. Furnish and deliver all required access doors to provide access work of this bid category. Access doors will be installed by others.
10. The Contractor represents and warrants and agrees that all drawings and specifications prepared or to be prepared by the Contractor will be suitable for the construction and installation of the fire protection system for Project and shall be in accordance with all applicable code requirements.
11. The fire protection system for the project will be constructed in accordance with such drawings and specifications and upon being thus constructed, will satisfy the design criteria and calculations; and if the system does not meet any of such requirements of criteria, Contractor shall promptly, at its own expense, make such corrections and changes as may be necessary to meet the requirements and criteria.
12. Contractor shall be held substantially informed of all state and local laws, codes, ordinance, building rules and regulations, and other statutory provisions, all as are applicable to the fire protection design work. This shall provide timely notice of changes in state and local laws, codes, ordinance, building rules and regulations and other statutory provisions that affect the fire protection design work. Contractor shall perform its work in accordance with all applicable laws and codes.
13. Contractor fully assumes design responsibility. Owner shall be fully entitled to benefit of and to rely upon the undertakings, representations and warranties of Contractor as a third party beneficiary thereof. Construction Manager, Architect/Engineer, Owner do not assume any responsibility with respect to the adequacy of design of the fire protection.
14. Contractor shall coordinate the development of drawings and specifications for the design of the fire protection work with the architect, plumbing, electric, and HVAC contractors. In the event of the conflict between the drawings and specifications submitted by this Contractor and other Contractors and Architect when approved by the Owner shall be final and the Contractor shall comply therewith.
15. Provide certified testing and reports for all check valves and backflow assemblies.

16. Provide flushing of riser as required including temporary fittings and hoses if required.
17. Provide required pipe identification, valve tags, and placards.
18. Coordinate installation of all work of this trade with the architectural drawings.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Provide flow testing as required.
- C. Furnish and install FDC.
- D. Furnish and install complete fire suppression riser.
- E. Furnish and install splash block at FDC as detailed.

Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Fire extinguishers and cabinets
3. Fire alarm system

Alternates

Mandatory alternates pricing is not required for this bid category.

Trade Alternates

Trade alternate pricing is not required for this bid category.

Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category X – Plumbing**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. All required permits and inspection fees for work of this bid category. Contractor is to schedule and attend all inspections.
3. Provide all common work results as specified for work of this trade.
4. Furnish and install all hangers, supports, fasteners, etc. as required for work of this trade.
5. Furnish and deliver all required access doors to provide access to work of this bid category. Access doors will be installed by others.
6. Furnish and install all firestopping for work of this trade.
7. Furnish and install all underground and aboveground plumbing work.
8. All excavation, bedding material, and backfill required for work done by this bid category. Spoils to be hauled off site and all backfilling within the building footprint to be completed with class II sand installed in lifts and compacted. Restore building pad and site to original condition after plumbing underground work is completed.
9. Furnish and install all interior domestic water piping and related accessories/specialties for a complete system. Line to be brought to 1'-0" above finished floor by site utility contractor.
10. Furnish and install all sanitary plumbing and related accessories/specialties for a complete system. Line to be brought to 5'-0" outside of exterior of building and marked for connection by utility contractor.
11. Furnish and install all storm water plumbing and related accessories/specialties for a complete system. Line to be brought to 5'-0" outside of exterior of building and marked for connection by utility contractor.
12. Furnish and install all natural gas piping for a complete gas delivery system from meter and provide all final connections.
13. Furnish and install all plumbing fixtures, equipment, and accessories for a complete installation.
14. Coordinate installation of all plumbing work with the architectural drawings.
15. Furnish and install all domestic water pumps.
16. Furnish and install domestic water heater system including venting/exhaust and expansion tank.
17. Furnish and install all plumbing systems insulation for work of this trade.
18. Furnish and install all plumbing systems identification for work of this trade.
19. Furnish and install all required caulking and sealant work of this bid category. Include sealing all plumbing fixtures at points of contact with walls and floors.

20. Furnish and install all sleeves and penetrations as required for work of this trade in the work of other trades.
21. Final plumbing connections to all new equipment furnished and installed by others including all required backflow prevention devices.
22. All required testing and balancing of plumbing systems installed by this bid category including copies of final balance report. Include bacteria and RPZ test reports.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install all ADA trap wraps as indicated and as required by code.
- C. Furnish and install backflow preventers and related accessories and final connections to appliances as indicated.
- D. Furnish and install condensate piping at fan coil units.
- E. Furnish and install complete water service riser from flanged connection.

Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Toilet accessories, except trap guards
3. Housekeeping pads
4. Appliances
5. Fire suppression
6. Fire suppression riser
7. Painting
8. Irrigation backflow

Alternates

Mandatory alternates pricing is required for this bid category.

1. Alternate #1

Trade Alternates

Trade alternate pricing is not required for this bid category.

Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category Y – HVAC**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. All required permits and inspection fees for work of this bid category. Contractors are to schedule and attend all inspections.
3. Provide all common work results as specified for work of this trade.
4. Furnish and install all hangers, supports, fasteners, etc. as required for work of this trade.
5. Furnish and install all sleeves and penetrations as required for work of this trade in the work of other trades.
6. Furnish and deliver all required access doors to provide access to work of this bid category. Access doors will be installed by others.
7. Furnish and install all firestopping for work of this trade.
8. Provide layout for required openings in new walls as required for work of this bid category. If openings are not provided in timely fashion, include installation of openings with lintels or additional supports, as required for added openings. All openings must meet ratings as indicated on Code Plan.
9. Furnish and install all scheduled mechanical equipment, associated systems, and all accessories/specialties for complete and functioning systems.
10. Furnish and install all required roof curbs and supports for work of this trade including all required wood blocking. Cutting and removal of roof deck will be by this bid category. Protect, cover, and make watertight all mechanical roof openings until equipment is in place.
11. Furnish and install air distribution system including all accessories/specialties for a complete and functioning system
12. Furnish and install all ductwork.
13. Coordinate installation of all mechanical systems work with the architectural drawings.
14. Furnish and install all grilles, registers, and diffusers and accessories.
15. Furnish and install all exhaust fans and exhaust air ductwork for a complete system.
16. Furnish and install all mechanical insulation system for work of this trade.
17. Furnish and install all mechanical systems identification for work of this trade.
18. Furnish and install all filters for work of this trade.
19. Filter fabric to be installed in all return-air openings when system is in operation. Cap all openings prior to use. Construction filters shall be installed for use during construction in air handling equipment and changed by this contractor at the time of substantial completion. Final filter shall not be installed until substantial completion. Provide a minimum of two construction filter changes. Provide cleaning and routine maintenance on all air handling equipment during construction.



- 20. Note regarding duct smoke detectors: Duct smoke detectors will be supplied by the fire alarm contractor who is a subcontractor to the electrical contractor. The HVAC contractor will install the duct detectors. The electrical contractor will provide power wiring to the duct detector and the temperature control contractor will provide the AHU control/shut-off wiring.
- 21. Note regarding building management/temperature control panels: All building management/temperature control panels will be furnished and installed by the temperature controls contractor. The temperature controls contractor will also provide all power wiring and connection of the panels and also provide all control wiring from the panels to the equipment.
- 22. Final cleaning of mechanical units and air handling prior to final filter installation.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Insulate and provide gypsum board within curbs as detailed.
- C. All equipment warranties to start at time of substantial completion, not delivery or equipment start-up.
- D. Paint behind grilles, registers, and diffusers as indicated.
- E. Furnish and install equipment mounted screens where indicated.
- F. This contractor responsible for all equipment adjustments, sheave changes, etc. required to obtain proper water and air flows.
- G. Note regarding motor starters, disconnects and VFDs:
  - a. All VFDs will be furnished by the temperature control contractor. The electrical contractor will install the VFD and provide power wiring and connection to the VFD. The temperature control contractor will provide power and control wiring from the VFD to the motors
  - b. Any motor starters or disconnects that are integral with the equipment will be supplied and installed by the equipment suppliers. The electrical contractor will provide power wiring and connections to the starter or disconnect
  - c. All equipment that has integral motor starters or disconnects will have a one point connection for the electrical contractor unless specifically shown on the electrical drawings
  - d. Any remote motor starters or disconnects will be supplied and installed by the electrical contractor, power wiring and connection will be by the electrical contractor and all power wiring from the motor starter or disconnect to the motor will be by the electrical contractor
- H. Provide all work associated with coordinating and completing the commissioning process with the owner's commissioning agent
  - a. Completion of installation and contractor/manufacture start-up.
    - 1. This is to be completed by the mechanical contractors, controls contractors, and their equipment suppliers as required per the project specifications, etc. Once completed, contractors are to notify the Frank Rewold and Son Inc. (FRS) project manager that the work is completed. FRS will inform Strategic Energy Solutions (SES), JMK Consultants Inc.

- (JMK), Control Solutions Inc. (CSI), and Enviro-Aire that this stage is completed and prepare a schedule for the remaining stages.
- b. Equipment set-up / programming.
    - 2. This work is to be scheduled as soon as possible after notification that the equipment is fully installed. During this stage, SES, JMK, CSI, and the vendor's equipment technicians will run through each piece of equipment to verify it is set-up and programmed to meet the project requirements. Rochester Community Schools (RCS) will be notified of the programming schedule and can be present if desired.
  - c. Finalize controls
    - 3. Once the equipment set-up/programming is completed, the controls contractor (CSI) will work to finalize all controls programming and graphics. The equipment technician/supplier and mechanical contractor are to be available to assist CSI with whatever is needed for them to complete the controls work during this stage. When the controls programming is completed to a point that CSI is comfortable that it is working properly (even if not 100%) they will notify the FRS project manager that the equipment is ready for balancing.
  - d. Air balancing
    - 4. After informed by CSI that balancing can start, FRS will contact Enviro-Aire and let them know the balancing is ready to go. (Note that a prior notice will be given on the schedule after stage 1). The mechanical contractor and controls contractor will be available to assist in the balancing as required. Enviro-Aire will prepare a summary report immediately and all corrections will be made. FRS is to be notified writing by the mechanical and control contractors as soon as all the corrections have been made. Final balancing reports to be provided as soon as possible.
  - e. Functionality Testing (Final Commissioning)
    - 5. Once the systems are fully installed, controls are completed, and the systems balanced, JMK will perform the functionality testing of all equipment. All mechanical and controls contractors are to participate in the functionality testing. Vendor's equipment technicians are to be available to assist if needed. RCS will be notified of the programming schedule and can be present if desired.

#### Exclude

- 1. The exclusions noted in the Project Specific Notes To Bidders
- 2. Plumbing
- 3. Condensate piping
- 4. Natural gas piping
- 5. Testing and balancing
- 6. Temperature controls

#### Alternates

Mandatory alternates pricing is not required for this bid category.

#### Trade Alternates

Trade alternate pricing is not required for this bid category.

#### Unit Costs

Mandatory unit cost pricing is not required for this bid category.

-- End --

## **Bid Category Z – Electrical**

Work for this bid category includes, but is not limited to:

1. The requirements of the General Notes To Bidders Section.
2. All required permits and inspection fees for work of this bid category. Contractors are to schedule and attend all inspections.
3. Provide all common work results as specified for work of this trade.
4. Furnish and install all hangers, supports, fasteners, etc. as required for work of this trade.
5. Furnish and deliver all required access doors to provide access to work of this bid category. Access doors will be installed by others.
6. Furnish and install all sleeves and penetrations as required for work of this trade in the work of other trades.
7. Furnish and install all firestopping for work of this trade.
8. Furnishing, installation, maintenance, and removal of temporary power distribution and service system as required for use by all contractors from existing electrical service. Temporary power to meet MIOSHA standards.
9. Furnishing, installation, maintenance, and removal of temporary lighting as required. Maintain lighting for duration of project; includes changing light bulbs. Temporary lighting to meet MIOSHA standards.
10. Furnish temporary power for construction trailer.
11. Furnish and install all sleeves, raceways, and boxes for low voltage work. Include furnish and install of firestopping at all sleeves; cable and equipment to be installed by others. Furnish and install blank covers over all boxes installed by this bid category.
12. Furnish and install power system work and related accessories/specialties for a complete system as required.
13. Furnish and install lighting system work and related accessories/specialties for a complete system as required.
14. Furnish and install lighting control system and related accessories/specialties for a complete system as required.
15. Furnish and install fire alarm work for a complete functioning, AHJ approved system.
16. Furnish and install power to all items furnished and installed by others.
17. Furnish and install building grounding system.
18. Furnish and install complete generator system including transfer switch for a complete and functioning system.
19. Installation and wiring of electrical items supplied by others.
20. Coordinate installation of all electrical work with the architectural drawings.

21. Furnish and install all site electrical and related accessories/specialties for a complete system as required, including all required excavation, bedding material, backfilling, and compaction.
22. Note regarding duct smoke detectors: duct smoke detectors will be supplied by the fire alarm contractor who is a subcontractor to the electrical contractor. The HVAC contractor will install the duct detectors. The electrical contractor will provide power wiring to the duct detector and the HVAC contractor will provide the AHU control/shut-off wiring
23. Note regarding building management/temperature control panels: All building management/temperature control panels will be furnished and installed by the temperature control contractor. The temperature control contractor will also provide all power wiring and connection of the panels and also provide all control wiring from the panels to the equipment.

Project specific work for this bid category includes, but is not limited to:

- A. The requirements of the Project Specific Notes To Bidders.
- B. Furnish and install complete transformer concrete pad assembly.
- C. Furnish and install complete generator concrete pad assembly.
- D. Provide site light pole demolition/salvage/reinstallation.
- E. Furnish and install light pole bases.
- F. Furnish and install handholes and conduit for low voltage work. Work to begin at handholes and into building. Do not include conduit from handholes toward road/away from building.
- G. Note regarding motor starters, disconnects and VFDs:
  - a. All VFDs will be furnished by the temperature control contractor. The electrical contractor will install the VFD and provide power wiring and connection to the VFD. The temperature control contractor will provide power and control wiring from the VFD to the motors
  - b. Any motor starters or disconnects that are integral with the equipment will be supplied and installed by the equipment suppliers. The electrical contractor will provide power wiring and connections to the starter or disconnect
  - c. All equipment that has integral motor starters or disconnects will have a one point connection for the electrical contractor unless specifically shown on the electrical drawings
  - d. Any remote motor starters or disconnects will be supplied and installed by the electrical contractor, power wiring and connection will be by the electrical contractor and all power wiring from the motor starter or disconnect to the motor will be by the electrical contractor
- H. At automatic handicap operators, provide power to junction box. All wiring from that point is by glazing contractor.
- I. Furnish and install cable tray system.
- J. Furnish and install power and conduits for furniture systems as indicated. Provide final connections as required.

- K. Provide blank cover plates on empty or unused electrical and low voltage boxes.
- L. Furnish and install power/low voltage wiring and final connections for electrified door hardware.
- M. Coordinate locations of all electrical boxes with furniture before installation.
- N. Provide commissioning coordination with owner's commissioning agent as required for work of this trade and as it related to HVAC commissioning.

#### Exclude

1. The exclusions noted in the Project Specific Notes To Bidders
2. Re-routing monument sign electrical
3. Low voltage cabling and equipment except as specifically noted above
4. DTE fees
5. Conduits for incoming service unless further shown in future addendum
6. Plywood backboards
7. Clock system/panel
8. Bollards
9. IT racks
10. UPS

#### Alternates

Mandatory alternates pricing is not required for this bid category.

#### Trade Alternates

Trade alternate pricing is not required for this bid category.

#### Unit Costs

Mandatory unit cost pricing is required for this bid category.

1. To excavate, install (2) 4" conduits, and backfill for incoming service (no restoration), per lineal foot

-- End --



## BID PROPOSAL FORM

BID PACK NO.

PROJECT:

TO:

C/O Frank Rewold & Sons Inc.

Submit via Method of Bidding  
section within Instruction To Bidders  
of Project Manual

FROM:

(Company Name)

Pursuant to and in compliance with the Instructions To Bidders and other documents relating thereto, the undersigned proposes and agrees to furnish equipment, materials, and labor and perform all work necessary to complete that portion of work indicated below as identified on the drawings. Unless specifically excluded, Contractor includes the work as described in the individual bid category descriptions without exception.

### Base Bid

Note: The amounts for base bids shall be shown in both words and figures. In case of a discrepancy, the amount shown in words shall govern. Base bid shall include sales tax.

Bid Category:

Lump Sum Amount (written):

Dollars: \$

Add for Performance, Payment, and Labor Bond Costs

Lump Sum Amount (written):

Dollars: \$

### Multiple Award Discount

The Owner may choose to award more than one bid category to a Bidder. If your firm is submitting proposals on more than one bid category and are offering a discount if multiple awards are made to your firm, clearly describe the discount below (percentage, lump sum, etc.):

List Bid Categories:

Total Discount: \$

Mandatory Project Alternates

These alternates are to be quoted by all bidders. See the FRS Project Manual for complete descriptions.

\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$

Mandatory Trade Alternates

Where required by the bid scope category, provide requested alternate pricing:

\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$  
\$



Please verify if base bid includes:	Specified basis of design equipment or materials
	Other listed acceptable equipment or materials

Description	\$ _____
-------------	----------

[illegible]

Description	\$

Description	\$ _____
-------------	----------

Where required by the specification or bid scope, provide unit price information below:

[illegible]

Direct cost shall include labor, material, tools, equipment and services. The fee shall include all overhead and profit.

### Taxes

This project is not exempt from state sales tax. The undersigned understands that state and local sales and use taxes and federal taxes on materials used in construction are applicable to this work and are included in this base bid.

### Addenda and Bid Memorandum

The undersigned acknowledges the receipt of the following addenda and Bid Memorandum and includes the cost of the work in this proposal.

Addendum #:	Dated:	Bid Memorandum #:	Dated:
Addendum #:	Dated:	Bid Memorandum #:	Dated:
Addendum #:	Dated:	Bid Memorandum #:	Dated:
Addendum #:	Dated:	Bid Memorandum #:	Dated:

### Bid Security

Bid security is required for this project. A bid security in the amount of five percent (5%) of base bid shall accompany all proposals. Bid bonds are required, however, certified or cashier checks will be acceptable for bids under \$50,000.

### Withdrawal of Bids

The undersigned agrees that their proposal shall not be withdrawn for a period of sixty (60) days after the day set for receipt of proposal.

### Document Information Discrepancy

If discrepancies occur between the bid category scope of work, individual specifications, drawings, or details, the bidding contractors will notify FRS prior to submitting a proposal. Should no clarification be issued, all bidding contractors will assume the most costly options and include those costs within their proposals. No additional compensation will be granted should these conflicts be encountered through the duration of the project.

### Insurance Requirements

Submission of this proposal signifies this Bidder has read, understands, and will comply without exception to insurance requirements of the AIA Contract Documents. A current Certificate of Insurance must be on file at our office before purchase orders will be issued.

Bidder acknowledges they can meet or exceed the insurance requirements

### Contract Requirements

Submission of this proposal signifies this Bidder has read, understands, and will comply without exception to the Subcontract Agreement.

Bidder acknowledges they accept the contract documents.

### Scope Requirements

Submission of this proposal signifies this Bidder has read, understands, and will comply without exception the general notes to Bidders, the project specific notes to Bidder, and the project bid scope for this bid category.

Bidder acknowledges they accept the scope requirements.

### Schedule

Submission of this proposal signifies this Bidder has read, understands, and will comply with the project schedule provided in the FRS Project Manual.

Yes, Bidder will comply with schedule

No, Bidder can not comply with schedule

Bidders average daily crew size:

Bidders estimated labor hours:

### Acceptance

The undersigned agrees to execute a contract for the work covered by this proposal, provided he/she is notified of its acceptance within sixty (60) days of the bid due date. This contractor also agrees to comply with the information provided within as it relates to schedule, overtime, extra work, bid category descriptions, etc.

### Authority to Sign

The individual signing this proposal warrants they have the authority to obligate the company to the provisions and requirements of the project documents.

Company Name:

Address:

City:

State:

Zip Code:

Telephone Number:

Email Address:

Signature:

(Form must be printed and signed)

Date:

### Other Items

Our current EMR Rating is:

The following Iran Economic Sanctions Act Compliance Form must be executed and submitted.

The following Bidder Affidavit / Familial Disclosure Statement must be executed and submitted . A 5% Bid Security must be attached. A bid bond if bid is over \$50,000 or a certified or cashiers check is acceptable if bid is under \$50,000.

Bidder Clarifications – if required by bidder attach and submit with bid from.

**PROVIDE ONLY (1) COPY OF ALL PROPOSAL DOCUMENTS**

**CERTIFICATION OF COMPLIANCE – IRAN ECONOMIC SANCTIONS ACT**  
**Michigan Public Act No. 517 of 2012**

The undersigned, the owner, or authorized officer of the below-named company (the “Company”), pursuant to the compliance certification requirement provided in the Rochester Community Schools’ Request For Proposal (the “RFP”), hereby certifies, represents, and warrants that the Company (which includes its officers, directors and employees) is not an “Iran Linked Business” within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the “Act”), and that in the event the Company is awarded a contract by Rochester Community Schools or Frank Rewold and Sons, Inc. as a result of the aforementioned RFP, the Company is not and will not become an “Iran Linked Business” at any time during the course of performing any services under the contract.

The Company further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or two (2) times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the Rochester Community Schools’ investigation, and reasonable attorney fees, in addition to the fine. Moreover, any company who submits a false certification shall be ineligible to bid on a request for proposal for three (3) years from the date the company submitted the false certification.

Company Name:

Address:

City:

State:

Zip Code:

Telephone Number:

Email Address:

Signature:

(Form must be printed and signed)

Date:

**AFFIDAVIT OF BIDDER  
(Familial Disclosure Statement)**

The undersigned, the owner or authorized officer of \_\_\_\_\_ (the "Bidder"), pursuant to the familial disclosure requirement provided in the Rochester Community Schools' Request For Proposal (the "RFP"), hereby represent and warrant, except as provided below, that no familial relationships exist between the owner(s) or any employee of \_\_\_\_\_ and any member of the Board of Education of the School District or the Superintendent of the School District.

List any Familial Relationships:

Dr. Robert Schaner, Superintendent of Schools

Scott Muska, Board Member

Michael Zabat, Board Member

Kristen Bull, Board Member

Kevin Beers, Board Member

Michelle Bueltel, Board Member

Barbara Anness, Board Member

Andrea Walker-Leidy, Board Member

Company Name:

Address:

City:

State:

Zip Code:

Telephone Number:

Email Address:

Signature:

(Form must be printed, signed and notarized)

Date:

STATE OF MICHIGAN

COUNTY OF \_\_\_\_\_

This instrument was acknowledged before me on the \_\_\_\_ day of \_\_\_\_\_, 2021,  
by \_\_\_\_\_.

\_\_\_\_\_, Notary Public  
\_\_\_\_\_, County, Michigan

My Commission Expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

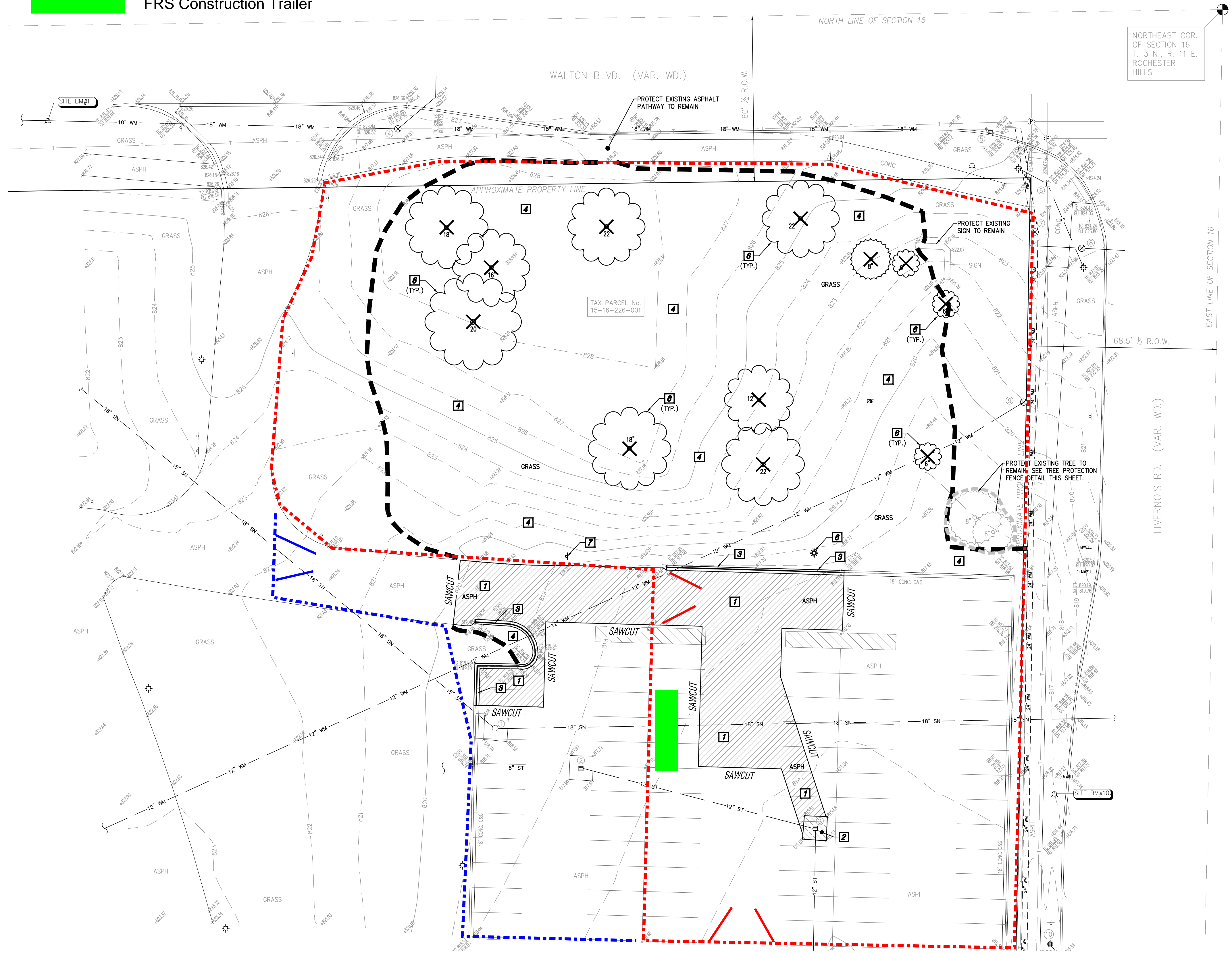
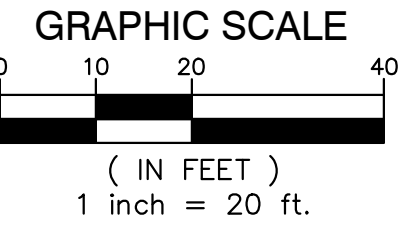
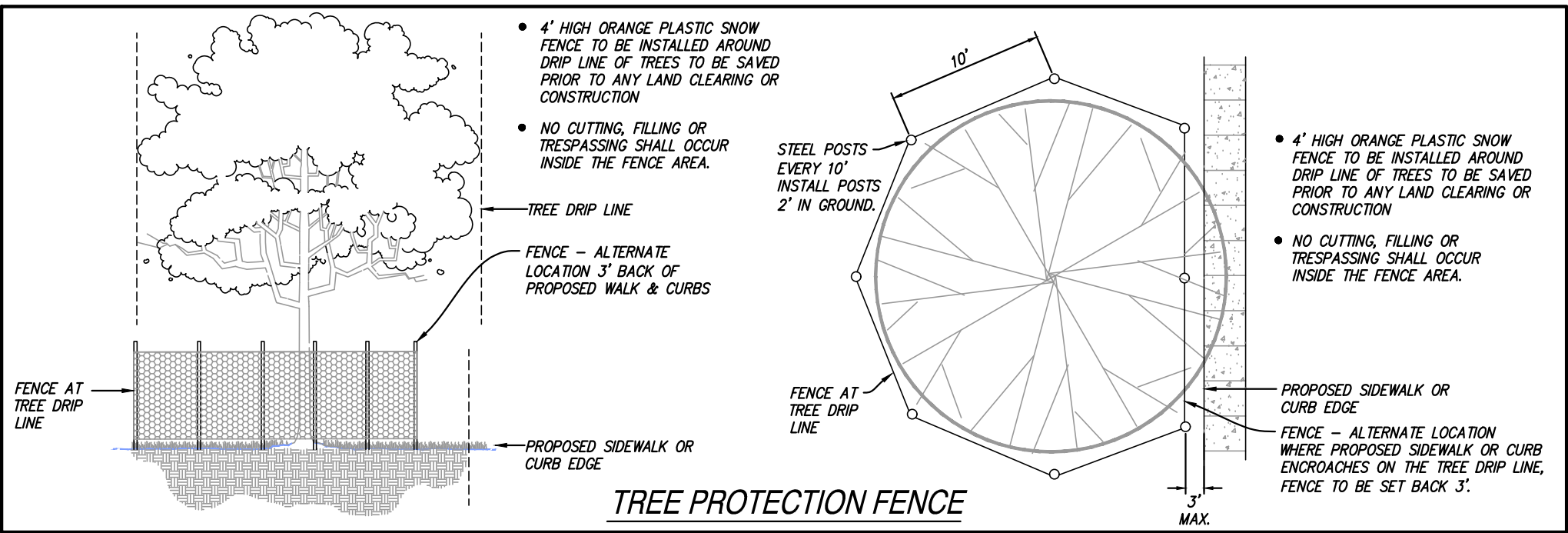
**Rochester Community Schools  
Tech Hub****MILESTONE SCHEDULE**

<b>Activity</b>	<b>Date</b>
Bids Due	02/23/21
Board Approval	03/08/21
Letters of Intent Issued	03/09/21
All Submittals Received By	04/30/21
Work Begins on Site	04/05/21
Last Day of School at RHS	06/11/21
Work Completed	10/29/21
Owner Move-In	11/01/21










- Provide (2) 6' man gates - locations to be determined.

## FRS Construction Trailer



DEMOLITION NOTES

-  REMOVE ASPHALT PAVEMENT TO FULL DEPTH (ASPHALT DEPTH APPROXIMATELY FOUR INCHES). AGGREGATE BASE TO REMAIN. SAWCUT FILL PATCH WHERE NEW PAVEMENT WILL BE PLACED ADJACENT TO EXISTING PAVEMENT. REMOVAL LIMITS TO BE FIELD VERIFIED BY ENGINEER.
-  REMOVE CONCRETE PAVEMENT TO FULL DEPTH. REMOVE FULL DEPTH TO NEAREST JOINT WHERE NEW PAVEMENT WILL BE PLACED ADJACENT TO EXISTING PAVEMENT. REMOVAL LIMITS TO BE FIELD VERIFIED BY ENGINEER.
-  REMOVE CONCRETE CURB AND GUTTER TO FULL DEPTH. SAWCUT FULL DEPTH TO NEAREST JOINT. EXISTING LOW CONCRETE CURB OR GUTTER WILL BE PLACED ADJACENT TO EXISTING CONCRETE CURB AND GUTTER. REMOVAL LIMITS TO BE FIELD VERIFIED BY ENGINEER.
-  CLEAR AND GRUB TO THE LIMITS SHOWN. INCLUDE REMOVAL OF ALL SINKS, POSTS, FOSTS, STONES, CEMENT BLOCKS, SHRUBS, GRASS, AND TREES NOT INDICATED FOR PROTECTION, INCLUDING ROOTS. STRIP TOPSOIL AND STOCKPILE ON SITE IN DESIGNATED LOCATION.
-  REMOVE EXISTING TREE (INCLUDING STUMPS AND ROOTS).
-  EXISTING LIGHT POLE TO REMAIN. REFER TO ELECTRICAL PLANS FOR DETAILED INFORMATION.
-  REMOVE AND DISPOSE EXISTING SIGN, INCLUDING POST AND ANY FOOTING IF PRESENT.
- UNLESS OTHERWISE SPECIFIED, PROTECT EXISTING UTILITIES AND UTILITY STRUCTURES TO REMAIN.
- EXISTING SIGNAGE AND MAILBOXES WITHIN THE CLEARING LIMITS ARE TO BE REMOVED AND SALVAGED. STORAGE IN ON SITE LOCATION AS SPECIFIED BY OWNER.
- ALL DEPRESSIONS CREATED BY DEMOLITION PROCEDURES SHALL BE BACKFILLED WITH CLASS II FILL MATERIAL, IN 8" LIFTS COMPACTED TO 95% OF MAXIMUM UNIT WEIGHT, UP TO PROPOSED SUBGRADE.
- CONTRACTOR IS RESPONSIBLE FOR DOING AN EARTHWORK CALCULATION FOR CUT AND FILL REQUIREMENTS, BE RESPONSIBLE FOR INCLUDING IMPORT AND EXPORT OF MATERIALS IN THEIR BID. ALL EXCESS MATERIAL (INCLUDING TOPSOIL, CLEAN FILL, AND WASTE MATERIAL) SHALL BE REMOVED FROM THE SITE.
- CONTRACTOR TO PROVIDE UNIT PRICES (1/CY) IN THE BID PRICES FOR UNDERCUT AND RETAINMENT OF POOR SOILS. UNIT PRICE INCLUDES DISPOSAL OF POOR SOILS AND IMPORT AND PLACEMENT OF CLASS II ENGINEERED FILL, IN 8" LIFTS, COMPACTED TO 95% OF MAXIMUM UNIT WEIGHT, UP TO PROPOSED SUBGRADE.
- EXISTING SUPPORTED SLABS AT BUILDING ENTRY/DROPS TO REMAIN, UNLESS OTHERWISE DIRECTED. CONTRACTOR TO VERIFY LIMITS OF EXISTING SUPPORTED SLAB AND REMOVE ADJACENT WALKS AS SHOWN ON PLANS.
- CONTRACTOR TO PROTECT EXISTING WALKS, PAVEMENT, CURBS, GUTTERS, WALLS, FENCES, GATES, LANDSCAPING AND TREES TO REMAIN DURING CONSTRUCTION.

## CIVIL SHEET INDEX

- C1.1 - DEMOLITION PLAN
- C1.2 - UTILITY PLAN
- C1.3 - PAVING & LAYOUT PLAN
- C1.4 - PAVING DETAILS & NOTES
- C1.5 - GRADING PLAN
- C1.6 - SOIL EROSION AND SEDIMENTATION CONTROL PLAN
- C1.7 - TOPOGRAPHICAL SURVEY
- C1.8 - STORM SYSTEM STANDARD DETAILS - CITY OF ROCHESTER HILLS
- C1.9 - SANITARY SEWER STANDARD DETAILS - CITY OF ROCHESTER HILLS (1 OF 2)
- C1.10 - SANITARY SEWER STANDARD DETAILS - CITY OF ROCHESTER HILLS (2 OF 2)
- C1.11 - WATER MAIN STANDARD DETAILS - CITY OF ROCHESTER HILLS (1 OF 2)
- C1.12 - WATER MAIN STANDARD DETAILS - CITY OF ROCHESTER HILLS (2 OF 2)
- C1.13 - SOIL EROSION AND SEDIMENTATION CONTROL DETAILS - OCWRC

**OWNER**  
 ROCHESTER COMMUNITY SCHOOLS  
 501 W. UNIVERSITY  
 ROCHESTER, MI 48307  
 PHONE: (248) 726-3000



**3 WORKING DAYS  
BEFORE YOU DIG  
CALL MISS DIG.<sup>®</sup>  
1-800-482-7171**



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## Subcontract Agreement

1. **Prime Contract:** Subcontractor acknowledges that **Frank Rewold & Sons Inc.** (Contractor) has agreed to furnish certain labor and materials (the Work) to the project (the Project) described in this Subcontract (Subcontract) pursuant to a certain contract between Contractor and the Owner of the Project (the Prime Contract), a copy of which has been made available to Subcontractor. Subcontractor shall be bound by the terms of the Prime Contract and all documents incorporated therein, including, without limitation, the general, supplemental and special conditions, and Subcontractor assumes toward Contractor, with respect to the Work, all of the obligations and responsibilities that the Contractor has assumed toward the Owner under the Prime Contract.

Subcontractor specifically agrees to be bound by all obligations and requirements in the Prime Contract to pay prevailing wages when applicable and at all times shall provide Contractor with all documents reasonably requested by Contractor, demonstrating that Subcontractor is in full compliance with the Prime Contract with regard to the payment and documentation regarding prevailing wages.

2. **Performance of the Work.** Subcontractor shall furnish and perform the Work in a good and workmanlike manner and in strict accordance with this Subcontract and the Prime Contract, all applicable laws, codes, ordinances and regulations and the plans and specifications described on the first page of this Subcontract (the Plans and Specifications) (collectively, as the same may be amended, modified and/or supplemented in accordance with the provisions of this Subcontract, the Contract Documents). If a conflict exists between or within the Plans and/or Specifications, Subcontractor shall comply with the provision that imposes the greater duty. Subcontractor represents and agrees that it: (i) has carefully examined and understands the Contract Documents; (ii) has investigated the nature, locality and site of the Work and the conditions and difficulties under which it is to be performed; (iii) enters into this Subcontract on the basis of its own examination, investigation and evaluations of all such matters; (iv) does not rely upon any opinions or representations of Contractor or Owner or of any of their officers, agents, partners, members, shareholders or employees except as expressly set forth in the Contract Documents; and (v) is licensed to perform the Work (if so required by applicable law) and, otherwise, is qualified to perform the Work. Subcontractors must provide evidence of their Worker's Compensation Experience Modification Rating (EMR) to Frank Rewold & Sons Inc. prior to award of any subcontract and any EMR exceeding 1.0 will require explanation, which is subject to review and approval. Subcontractor is to notify Frank Rewold & Sons Inc. if at any time during the term of the subcontract its EMR rises above 1.0. Contractor makes no warranty or representation that the Plans or Specifications meet all governmental laws, codes, ordinances or regulations now existing or hereafter promulgated.

3. **Terms of Payment.** The Owner's payment to Contractor for the Work is an express condition precedent to Contractor's obligations to pay Subcontractor hereunder. The contract amount shall be payable to Subcontractor as follows:

(a) Not less than ten (10) days prior to Subcontractor's first application for payment, Subcontractor shall provide to Contractor a Schedule of Values allocating the entire contract amount among the various portions of the Work, which Schedule of Values shall be prepared in such a form and supported by such data to substantiate its accuracy as Contractor may require. The Schedule of Values shall be used as a basis for reviewing each application for payment.

(b) Contractor shall pay Subcontractor within ten (10) business days following Contractor's receipt of (i) payment from the Owner of the Project with respect to that portion of the Work for which Subcontractor seeks payment; and (ii) proper waivers of lien and sworn statements from Subcontractor and any subcontractors, suppliers and laborers furnishing labor or material through or under Subcontractor.

(c) Applications for payment shall show the percentage completion of each portion of the Work as of the end of the period covered by the application for payment. The percentage completion shall be the lesser of (i) the percentage of that portion of the Work which has actually been completed or (ii) the share of the contract amount allocated to that portion of the Work in the Schedule of Values.

(d) Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

(i) Take that portion of the contract amount properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the contract amount allocated to that portion of the Work in the Schedule of Values, less retainage of ten percent (10%).

(ii) Subtract aggregate of previous payments made by Contractor.

(iii) Subtract amounts that are determined to have been improperly paid to Subcontractor pursuant to previous applications for payment as a result of errors subsequently discovered by Contractor.

(e) Retainage and the unpaid balance of the contract amount shall be paid within ten (10) days after the last of the following to occur:

(i) Final completion of the Work in accordance with the Contract Documents (including, without limitation, all punch list work).

(ii) Acceptance of the Work by Contractor, the Owner of the Project and the Project Architect.

(iii) Proper evidence that all entities supplying labor and/or material in connection with the Work have been fully paid (including all fringe benefits) and Contractor's receipt of as-built drawings of the Work and all operation manuals and written warranties and guaranties contemplated by the Contract Documents.

(f) No payments made under this Subcontract shall be construed as evidence of Subcontractor's proper or complete performance of the Work or Subcontractor's obligations hereunder, and no payment shall be construed to be an acceptance of defective Work.

(g) Subcontractor agrees to promptly pay the amounts due to all subcontractors, consultants, suppliers and laborers furnishing labor and/or materials to the Project through or under Subcontractor.

(h) Subcontractor shall not stop the Work in the event of a dispute as to payments owed provided that all uncontested amounts properly due Subcontractor have been paid in accordance with this Subcontract.

(i) All payment requests shall be submitted on AIA G702/G703 Application and Certificate for Payment forms or such other form as required by Contractor with an accompanying Sworn Statement in accordance with the billing date set forth in this Subcontract. Said request shall not include unapproved change order work and may be rejected if unapproved change order work is included on the payment request.

4. **Commencement and Completion.** Subcontractor agrees that its Work will be begin by the start date set forth in the Project schedule prepared by the Contractor and shall be completed by the date set forth in the Contractor's most recent schedule for completion of the Subcontractor's Work. Subcontractor shall sequence and complete the Work as to insure that the Contractor completes the entire Project by the Completion Date as required under the Prime Contract. Subcontractor recognizes that Contractor shall suffer financial loss if the Work is not completed within the time specified above and further agrees that Subcontractor shall be liable to Contractor therefore.

5. **Attendance at Meetings; Updated Work Schedule.** A duly authorized representative of Subcontractor shall attend all periodic job meetings held on site at Contractor's field office or such other location as reasonably may be designated by Contractor, at which time Subcontractor shall present an updated Work Schedule subject to Contractor's approval and be prepared to discuss the details of the Work. In addition to Subcontractor's obligation to provide updated Work Schedules to Contractor at periodic job meetings, Subcontractor shall provide Contractor with updated Work Schedules at such other times as Contractor may request from time to time through the course of construction.

6. **Supervision of Construction.** Subcontractor shall supervise the Work using its best skill and attention. Subcontractor shall be solely responsible for all construction means, methods, techniques, sequences, and procedures, and for coordinating all portions of the Work or the requirements of the Plans and Specifications. Subcontractor shall be responsible to Contractor for the acts and omissions of its employees, subcontractors and their agents and employees, and other persons performing any of the Work through or under Subcontractor. Subcontractor shall at all times enforce strict discipline and good order among its employees and those under it performing work, and shall not employ on the Work any unfit person or anyone not skilled in the task assigned to him or her. Subcontractor shall also be liable for any fines/violations/remediation for causing or allowing employees to work in an unsafe environment as deemed by MIOSHA/OSHA requirements.

7. **Work of Others.** Should Subcontractor, its subcontractors or suppliers cause damage to the Work of any other contractor, subcontractor and/or supplier on the Project, Subcontractor agrees to compensate such other contractor, subcontractor and/or supplier to the extent of its/their damage. If Subcontractor fails to pay such costs within ten (10) days after receipt of written notice from Contractor, Contractor may deduct the amount thereof from any sums due or to become due Subcontractor hereunder.

8. **Cleanup and Removal.** Subcontractor shall maintain the areas in which it performs the Work in a clean, neat and safe condition and shall comply promptly with instructions from Contractor with respect thereto, upon completion of each stage, or when requested by Contractor. Subcontractor shall remove from the areas in which it performs the Work, to the satisfaction of Contractor, all of Subcontractor's rubbish, debris, materials, tools and equipment; and if Subcontractor fails to do so promptly, Contractor may, after twenty-four (24) hours' notice to Subcontractor, remove the same to any place of storage or dumping ground, at Subcontractor's risk and expense and without responsibility for loss, damage or theft. All storage or removal costs incurred by Contractor shall be deductible from any payment or balance due Subcontractor hereunder.

9. **Theft, Loss, and Damage to Work.** Subcontractor shall be responsible for any loss, damage, or theft of its materials, work performed, and equipment pending completion of the Work. In the event such loss, damage, or theft should occur; Subcontractor shall not be relieved of its contractual responsibility to perform all Work prior to the Completion Date and in accordance with the Schedule.

10. **Lien Waivers; Trust Fund; Miscellaneous Rights of Contractor.**

(a) Subcontractor shall pay, or cause to be paid in full, for all materials, labor, and any and all obligations incurred in its performance under this Subcontract, or by its agents, suppliers, contractors or subcontractors, working under or through Subcontractor. Any and all payments to Subcontractor are conditioned upon prior delivery to Contractor of full waivers of liens, lien rights and payment bond rights for all labor and materials furnished by Subcontractor, its subcontractors, suppliers and any person or entity working through or under them for Work completed at the time of such payment. No payment hereunder shall be made until and unless said waivers are furnished with each payment request.

(b) Subcontractor agrees that all payments received by it shall be deemed to be, and constitute, a trust fund, and shall be first used and applied by Subcontractor in payment for all materials, labor and any and all other obligations incurred in connection with the Work, prior to their use and application by Subcontractor for its own or any other purpose.

(c) In addition, Subcontractor hereby grants to Contractor the following rights: (i) to request names, phone numbers, copies of agreements and account status reports as to any of Subcontractor's own suppliers, subcontractors, labor unions or workmen; (ii) to audit Subcontractor's records to verify the account status of any Subcontractor's own suppliers, subcontractors, labor unions or workmen; and (iii) to make direct payment of amounts properly payable to any of Subcontractor's own suppliers, subcontractors, labor unions, or workmen where Contractor determines that Subcontractor has failed to make required payments to such entities. Any such payments so made by Contractor shall be deemed a proper credit in like amount against amounts due from Contractor to Subcontractor. Payment by Contractor to any subcontractor, laborer or supplier of Subcontractor shall not relieve Subcontractor of any obligations to Contractor under this Subcontract. Contractor, in its sole discretion, may make payment by checks payable jointly to Subcontractor and any subcontractor, laborer or supplier of Subcontractor.

(d) With each invoice submitted, the Subcontractor shall furnish a Sworn Statement listing each of its subcontractors, suppliers, laborers and union funds relating to the Project showing the amounts due and unpaid to each, together with waivers of liens from all sub/subcontractors and suppliers.

11. **Permits, Bonds and Taxes.** Subcontractor, at its own expense and cost, shall apply for and obtain all necessary permits and inspections as required by law for the performance of the Work. Subcontractor is responsible for paying all required taxes, bonds and licenses relating to the Work.

12. **Warranty.** NEITHER THE FINAL NOR ANY PROGRESS PAYMENTS SHALL RELIEVE SUBCONTRACTOR OF RESPONSIBILITY FOR FAULTY MATERIALS OR WORKMANSHIP. SUBCONTRACTOR HEREBY WARRANTS THAT THE WORK SHALL BE WITHOUT FAULT OR DEFECT FOR THE PERIOD SET FORTH IN THE PRIME CONTRACT OR FOR A PERIOD OF ONE (1) YEAR FROM FINAL COMPLETION OF THE PROJECT, WHICHEVER IS LONGER. SUBCONTRACTOR AGREES TO COMMENCE CORRECTIVE ACTION WITHIN FIVE (5) BUSINESS DAYS OF BEING NOTIFIED BY CONTRACTOR OF WORK WHICH IS INCOMPLETE OR DEFECTIVE. SUBCONTRACTOR AGREES TO PERFORM AND COMPLETE AT ITS COST ANY WARRANTY WORK WITH ALL DUE DILIGENCE. IF SUBCONTRACTOR FAILS TO PERFORM THE REQUIRED CORRECTIVE ACTION IN A TIMELY FASHION, CONTRACTOR MAY CAUSE THE WORK TO BE PERFORMED BY OTHERS AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS OF SAME AND CONTRACTOR MAY DEDUCT SUCH COSTS FROM ANY PAYMENTS DUE SUBCONTRACTOR, WHICH REMEDY SHALL BE IN ADDITION TO AND NOT A LIMITATION OF ALL RIGHTS AND REMEDIES OF CONTRACTOR UNDER THE APPLICABLE SUBCONTRACT, THESE GENERAL TERMS AND CONDITIONS, OR UNDER LAW OR IN EQUITY.

13. **Insurance and Indemnification.**

Subcontractor shall, at its own expense, maintain at least the following minimum insurance coverages or such greater coverages or limits as referenced in the Prime Contract:

A. Provide for and maintain through an insurance company licensed in the state of Michigan WITH A BEST'S RATING OF A-, VIII OR BETTER and acceptable to the Contractor, COMMERCIAL general liability, employer's liability and worker's compensation, comprehensive automobile insurance AND UMBRELLA/EXCESS for the Subcontractor and its employees with limits in amounts and other coverages as set forth below and to furnish Certificates of Insurance of such insurance coverages to the Contractor. The Subcontractor shall not perform work on the site until an insurance certificate evidencing coverages, limits, and other requirements outlined below has been provided to the Contractor.

1. Provide Contractor with a Certificate of Insurance on an Accord Certificate Form 25-S, or a comparable form, which is satisfactory to Contractor. A 30-Day notice of cancellation is required. The words "Endeavour to" and "but failure to mail such notice shall impose no obligations or liability of any kind upon the company, its agents or representative" shall be stricken or removed from the notice of cancellation.

2. The Insurance Certificates shall reflect the following types of coverages in amounts not less than that stated:

i. Worker's Compensation Insurance covering your statutory obligation in the state(s) which the work for us is to be performed and Employer's Liability Insurance with limits of \$500,000.00 Each Accident, \$500,000.00 Disease – Policy Limit and Disease – Each Employee \$500,000.00.

ii. Automobile Liability Insurance with a combined single limit for bodily Injury and Property Damage Liability of \$1,000,000.00 per accident covering your owned, non-owned, and hired automobiles.

iii. Commercial General Liability Insurance written on an Occurrence Policy Form which includes coverage for your operations, personal injury, CU (explosion, collapse and underground), Independent contractors, contractual and products/completed operations with the following limits of liability; PER JOB SITE AGGREGATE.

a.	General Aggregate	\$2,000,000.00
	Products/Comp.	2,000,000.00
	Personal and Adv. Injury	1,000,000.00
	Each Occurrence	1,000,000.00

b. Products/Completed Operations Liability must be maintained for not less than three (3) years after acceptance of your work.

iv. Excess or Umbrella Liability Insurance with occurrence/aggregate limit displayed below.

a. Type I, Subcontractors – Asphalt Paving, Curtain Walls AND Windows, Demolition, Drywall, Electrical, Elevator, Erection, Excavation, Fencing, Fireplace, Fire Protection, Masonry, Mechanical, Plumbing including excavation, Pool, Roofing, Rough Carpentry, Concrete Flatwork, Sewer/Water, Structural Steel, Underground Utilities, and similar.

\$5,000,000.00 occurrence/aggregate excess/umbrella or

b. Type II, Subcontractors – Cabinets, Caulking, Finish Carpentry, EIFS, Flagpoles, Floor Covering, Floor Finishes, Glass and Aluminum, Insulation, Kitchen Equipment, Landscaping, Metal or Vinyl Siding, Millwork, Miscellaneous Specialties, Overhead Doors, Painting, Plastering, Plumbing without excavation, Signs, Telephone/Security/Audio Systems, Tile, Toilet Partitions, Wallpaper, Waterproofing, and similar.

\$2,000,000.00 occurrence/aggregate excess/umbrella.

v. PROFESSIONAL LIABILITY INSURANCE WITH LIMITS OF \$1,000,000.00 PER CLAIM AND AGGREGATE WHEN PROVIDING PROFESSIONAL DESIGN SERVICES ASSOCIATED WITH THIS AGREEMENT.

3. **FRANK REWOLD & SONS INC., AND THE OWNER SHALL BE NAMED AS PRIMARY ADDITIONAL INSURED ON THE GENERAL LIABILITY POLICY USING FORM CG-2010 11-85 OR AN ENDORSEMENT(S) PROVIDING EQUIVALENT "ARISING OUT OF" COVERAGE, AUTOMOBILE AND UMBRELLA POLICIES REQUIRED HEREUNDER. SUBCONTRACTOR AGREES THAT THE ADDITIONAL INSURED ENDORSEMENTS SHALL COVER COMPLETED OPERATIONS.**

4. The General Liability coverage for the additional insureds shall be "work performed" and "shall be primary and noncontributory for ongoing completed operations with other insurance maintained by the additional insured being excess and noncontributing to the Subcontractor's insurance." Language to this effect shall be provided on the Certificate of Insurance. Any deviation

in coverage provided by the Standard 1986 ISO Simplified General Liability Policy must be clearly noted and shall be finding hereunder until accepted in writing by the Contractor.

5. General LIABILITY and auto liability limits may be attained by individual policies or by a combination of individual, umbrella, and/or excess liability policies.

6. THERE SHALL BE NO RESIDENTIAL EXCLUSION IN ANY POLICY THAT IS PROVIDED TO SATISFY THESE REQUIREMENTS IF THE PROJECT IS OF A RESIDENTIAL NATURE.

7. Subcontractor shall maintain product/completed operations coverage through the longer of three (3) years or the longest period of the last applicable statute of limitation or repose for construction defects and products liability claims in the state where the work is performed.

B. Waiver of Subrogation: SUBCONTRACTOR SHALL WAIVE AND REQUIRE ITS INSURERS PROVIDING COVERAGE BY THESE REQUIREMENTS TO WAIVE SUBROGATION RIGHTS AGAINST THE CONTRACTOR, OWNER AND ALL OTHER ADDITIONAL INSURED FOR LOSSES AND DAMAGES INCURRED AND/OR PAID UNDER THE INSURANCE POLICIES REQUIRED BY THESE REQUIREMENTS OR OTHER INSURANCE APPLICABLE TO SUBCONTRACTOR OR ITS SUBCONTRACTORS, SUPPLIERS, ETC. AND WILL INCLUDE THIS SAME REQUIREMENT IN CONTRACTS WITH THESE PARTIES. IF THE POLICIES OF INSURANCE REFERRED TO IN THIS PARAGRAPH REQUIRE AN ENDORSEMENT TO PROVIDE FOR CONTINUED COVERAGE WHERE THERE IS A WAIVER OF SUBROGATION, THE OWNERS OF SUCH POLICIES WILL CAUSE THEM TO BE SO ENDORSED.

Contractor and Subcontractor waive all rights they may have against each other, the Owner, the Architect/Engineer and other consultants, and other subcontractors for damages covered by builder's risk or other property insurance, except rights they may have to the proceeds of such insurance. Subcontractor shall require its vendors, suppliers, and sub-subcontractors, by written agreement, to waive all rights they may have against the same parties for damages covered by builder's risk or other property insurance except the rights to proceeds of such insurance.

C. Subcontractor assumes and undertakes the entire risk of any and all personal injuries and/or property damage arising out of or in any connected with the Work. To the fullest extent permitted by law, Subcontractor shall indemnify, hold harmless and defend Contractor and the Owner of the Project, their respective officers, members, directors, employees, agents and representatives from and against any and all damages, expenses, claims and suits of whatever kind or nature (including attorney fees) arising out of or in any way connected with the Work, unless the injuries or damages are caused by the sole negligence of the party to be indemnified. The provisions of this section shall survive termination of this subcontract.

**14. Time is of the Essence.** Time is of the essence of Subcontractor's performance of the Work. Subcontractor agrees to complete the Work by the Completion Date, and to do the Work at greater or lesser speeds and at such times and in such quantities as in Contractor's judgment are required for the best possible progress of the construction of the Project or as shall be specifically requested by Contractor. Subcontractor also shall so conduct the Work as to facilitate and so as not to interfere with or delay the work of Contractor any other subcontractor or contractor employed on the job.

**15. Alterations/Change Orders/Claims.**

(a) No additions, deductions, changes or alterations shall be made to the Work and no claim for changed or extra work or materials in any event (Additional Work) shall be recognized except on written order signed by the Project Manager or an officer of Contractor. No other employee of the Contractor will be authorized to alter or issue change orders to this Contract. The amount to be paid by, or credited to, Contractor as a result of any such additions, deductions, changes or alterations shall be stated in the order.

(b) All claims by Subcontractor for (i) loss or damage against Contractor; and/or (ii) an extension of the completion date, however arising, shall be made to Contractor within fourteen (14) days from (i) the date Subcontractor first sustains any such loss or damage; or (ii) the date on which the event giving rise to an alleged delay or need for an extension of the Completion Date first occurs. If Subcontractor fails to make such claim within that time by a written statement setting forth all items of loss, damage and/or delay, as applicable, the amount and details thereof, or if Subcontractor fails to render each day thereafter a written itemized statement of the details and amounts of any continuing claim for each loss, damage or delay duly verified by Subcontractor, its rights to damages and reimbursement therefore and any rights to any extension of the Completion Date shall be deemed to have been waived and forfeited and Subcontractor shall not be entitled to any payment, or any extension of the Completion Date, on account of any such claimed loss, damage or delay, notwithstanding anything to the contrary herein. Subcontractor shall only be entitled to payment for any such claims upon Contractor's actual receipt of payment from the Owner for Subcontractor's claim(s).

**16. Subcontractor's Default.** If Subcontractor (i) fails to perform the Work or any part thereof with promptness and diligence; (ii) delays the progress of the Project; (iii) becomes bankrupt or insolvent; (iv) fails to sufficiently supply properly skilled workmen or materials of proper quality; (v) fails to pay its subcontractors, suppliers or laborers the amounts properly due said persons or entities; (vi) fails to pay workers' compensation or other employee benefits; (vii) fails to comply with the safety provisions of the Subcontract or Project, its own safety plan or any safety plan of Contractor, or with any safety order, regulation or requirement of any governing authority having jurisdiction over this Project; (viii) shall file a voluntary petition in bankruptcy or be adjudicated insolvent, obtain an order for relief under Section 301 of the Bankruptcy Code, file any petition or fail to contest any petition filed seeking any reorganization or similar relief under any laws relating to bankruptcy, insolvency or other relief or debtors, or seek or consent to or acquiesce in the appointment of any trustees, receiver or liquidator of any of its assets or property, make an assignment for the benefit of creditors; or make an admission in writing of its inability to pay its debts as they become due; (ix) defaults on any other contract with Contractor, or (x) fails in any other respect to comply with the Contract Documents, then, in addition to any other remedies available at law or in equity and/or under this Subcontract:

(a) Contractor may require that Subcontractor utilize, at Subcontractor's own expense, additional labor, overtime labor (including Saturday and Sunday work) and additional shifts as necessary to overcome the consequences of any delay attributable to Subcontractor's default; and/or

- (b) After forty-eight (48) hours' written (or oral, confirmed in writing) notice to Subcontractor, Contractor may remedy Subcontractor's default by whatever means Contractor may deem necessary or appropriate, including, without limitation, providing such labor and materials as may be necessary to properly complete the Work, whereupon Contractor may deduct the cost and expense thereof from any money then due or thereafter to become due Subcontractor under the applicable Subcontract; and/or
- (c) After giving Subcontractor forty-eight (48) hours' written (or oral, confirmed in writing) notice, terminate the applicable Subcontract, without thereby waiving or releasing any rights or remedies against Subcontractor or its sureties; and/or
- (d) Contractor may recover from Subcontractor all costs incurred by Contractor to complete the Work plus a ten percent (10%) markup for overhead and profit, and further recover from Subcontractor all losses, damages, penalties and fines, whether actual or liquidated, direct or consequential, and all reasonable attorneys' fees suffered or incurred by Contractor as a result of said default(s); and/or
- (e) Contractor may bar Subcontractor from the job site and to take possession for the purpose of completing the Work included under the Contract Documents, all materials, tools, scaffolding, apparatus, machinery and equipment thereon, and to employ or contract with any other person or persons to finish the Work.
- (f) Subcontractor shall not be entitled to receive any further payment under this Subcontract until the Work shall be wholly finished, at which time if the unpaid balance of the amount to be paid on this Subcontract shall exceed the expense incurred by Contractor in finishing the Work, then such unpaid balance, after deducting any loss, damage or expense, by reason of Subcontractor's failure to adequately perform, including damages for delays, and expense for attorney's fees, shall be paid to Subcontractor by Contractor. In case the costs, expenses, losses and damage of such work exceeds the unpaid balance, Subcontractor shall immediately pay the amount of such excess to Contractor.
- (g) If, as a matter of law, the Contractor does not have the right, due to a bankruptcy proceeding involving the Subcontractor, to exercise the remedies provided for in this Subcontract, then if Subcontractor, as debtor or its trustee, wishes to assume the applicable Subcontract, in addition to curing or adequately assuring the cure of all the Subcontractor's defaults existing under this Subcontract on the date of filing of the proceedings and thereafter, Subcontractor, as debtor, or its trustee, must also furnish adequate assurances of future performance under this Subcontract.
- (h) In the event that Contractor is later determined to have improperly terminated this Subcontract under this Article 16, such termination shall be deemed to have occurred under the following Article 17.

**17. Contractor's Right to Terminate Contract.** Anything to the contrary herein notwithstanding, Contractor, in its sole discretion, may terminate this Subcontract at any time, without cause, by giving at least forty-eight (48) hours' prior written notice of such termination to Subcontractor. Upon any termination of a Subcontract, and subject to all of the terms and provisions herein contained, Subcontractor shall be entitled to payment for all accepted Work furnished and installed by it pursuant to this Subcontract on a pro-rata basis. No profits shall be allowed on the uncompleted portion of the Work. Contractor shall only be liable for labor and materials properly furnished up to the date of termination and no profits shall be allowed on the uncompleted portion of the Work. Contractor shall only be liable for labor and materials properly furnished up to the date of termination and/or materials ordered for Project, but only to the extent Subcontractor is liable for the cost thereof and has no ability to return uninstalled material. In the event of the termination of the contract between Contractor and the Owner of the Project, this Subcontract shall also be terminated. It is also understood and agreed that the Owner may have the right to approve or disapprove the employment of Subcontractor if the Owner does not approve Subcontractor, this Subcontract shall become null and void.

**18. No Liability for Delays.** Contractor shall not be liable to Subcontractor for any extra compensation or for any damages or additional costs that Subcontractor suffers or incurs from delays, interruptions and/or accelerations in performing the Work or furnishing materials, or other causes attributable to Contractor, Contractor's other Subcontractors or Owner. Subcontractor's sole remedy for delay, accelerations and/or interruptions shall be an extension of the Completion Date.

**19. Waiver and Remedies.** The waiver by Contractor of any default or of any breach of the terms of this Subcontract shall not be deemed a waiver of any subsequent breach.

**20. Assignment.** Subcontractor shall not assign all or any part of this Subcontract, nor any Work, nor any payments due or to become due hereunder, without first obtaining Contractor's written consent. In the event that Owner requests assignment of this Subcontract, Subcontractor consents to such assignment.

**21. Entire Agreement; Amendments; Governing Law.** Contractor and Subcontractor acknowledge that this Subcontract constitutes the whole agreement between them concerning the subject matter hereof. **This Subcontract may not be modified or amended unless the modification or amendment is made in writing by duly authorized representatives of the Subcontractor and either (i) the representative who executed this Subcontract on behalf of Contractor or (ii) an Officer of Contractor.** This Subcontract shall be governed by and construed in accordance with the laws of the State of Michigan.

**22. Fees of Collection.** If Contractor shall incur any cost or expense, including attorney fees, in preparing or prosecuting any claim against the Owner or in securing payment of the contract balances for work done by Subcontractor, Contractor shall be entitled to deduct Subcontractor's pro rata share of such costs and expenses from the amount due to Subcontractor.

**23. Mediation/Arbitration.** At Contractor's sole discretion, any dispute between Contractor and Subcontractor in any way relating to the Work or this Subcontract, may be submitted to mediation and/or arbitration pursuant to the Construction Industry Rules of the American Arbitration Association then in effect. Such Mediation/Arbitration shall take place in Oakland County, Michigan. Any decision of any Arbitrator rendered pursuant to an arbitration initiated or consented to by the Contractor may be enforced by a court of competent jurisdiction.

**24. Surety Bonds.** The Contractor shall have the right to require the Subcontractor to furnish payment and/or performance bonds covering the Work in such form and amounts as the Contractor requires and with sureties that are reasonably acceptable to the Contractor. If bonds are required in connection with Subcontractor's initial performance of the Work, all surety bond premiums shall be the obligation of the Subcontractor. If bonds are required by Contractor subsequent to the Subcontractor beginning its work, the actual costs of such premiums shall be reimbursed to Subcontractor by Contractor.

Subcontractor Agreement (Revised 2-24-2020)





Name: \_\_\_\_\_  
Please Print Name

Pledge to respect students, staff  
and support safety during construction

### **HOSPITALITY PROGRAM:**

*Providing a safe and secure environment for our students and staff is the focus of everything we do. Our Hospitality Program is centered on the values of safety, service, friendliness, helpfulness, courtesy, communications, response, privacy, dignity, respect, listening and professionalism. The purpose of this pledge is to inform you, and to obtain your acknowledgment and agreement, that everyone working in and around Rochester Community Schools, has a stake in providing a quality education environment and to insure student and staff safety. By supporting and following these values, you will have a direct and positive impact on our students and staff.*

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### **IDENTIFICATION BADGES:**

Contractors who will be working on a Rochester Community School campus, for more than one day, shall wear a Rochester Community School identification badge everywhere they go. The badges will be obtained through the RCS Facility Management Department, located at 1402 Hamlin Road, Rochester Hills.

### **OPEN FLAMES:**

Open flames of any kind require a burn permit obtained through RCS Facility Management or the General Contractor on your job prior to using any open flames. This also applies to cutting and welding forms. A recent, inspected and approved "Class C" fire extinguisher shall be kept at the work site at all times. *Refer to the **Rewold Contractual Safety Rules** and the **Site Specific Safety Plan for Hot Work Permit requirements***

### **PARKING:**

Parking space at Rochester Community School campus is limited to designated parking areas for contractor employees. *Please refer to **Rewold Method of Procedures Manual** and **site logistics' Plan for instruction***

### **TELEPHONES:**

Rochester Community School telephones are off limits without prior approval. Please use job site designated phones or cell phones.

### **OPEN CEILINGS:**

Ceiling removal for access to mechanical and electrical work or investigation is often necessary. When the work is complete, the ceiling must be put back immediately. Ceilings in occupied areas that need to be left open for more than 1 day must have protection or approval from RCS Facilities Management.

### **SMOKE DETECTORS:**

Rochester Community School is protected by a network of smoke detectors. The detectors can be set off by dust, fumes, smoke or heat. Smoke alarms may be temporarily disconnected after contacting RCS Facilities Management and receiving approval.



**HEALTH & SAFETY:**

All construction personnel are expected to have been trained and follow health and safety practices as required by law. Rochester Community Schools will be providing periodic review of all job sites. It is expected that they will receive full cooperation. Contractors will contact the District Security Phone in the event of an emergency at (248) 789-2188.

**CAFETERIA:**

Access to the cafeteria is allowable only for the purchase of food and beverages. Consumption of food and beverages in the cafeteria is not allowed, as the cafeteria is reserved for student use only.

**KEYS:**

Keys or access to mechanical spaces and other locked areas are available from Facility Management only. The recipient's valid driver's license shall be copied by Facility Management department. Keys are required to be returned upon completion of use. Contact Facility Management at (248) 726-4600. *Please Coordinate all access with **Rewold** Site Superintendent*

**SMOKING:**

Rochester Community Schools are Smoke Free Campuses. Smoking is prohibited within any Rochester Community School building, campus or construction site.

**UTILITY SHUTDOWNS:**

No mechanical or electrical systems may be shut down or turned off for any reason without approval from RCS Facilities Management or without RCS Facilities Management's assistance. Plan your work so that three (3) calendar days' notice can be given for all shutdowns.

**HOUSEKEEPING:**

The construction area shall be kept in a neat condition at all times. Combustible boxes, debris and scrap materials shall be disposed of daily. Provisions shall be made to avoid the tracking of dust outside of the construction area. No refuse is to be left at any entry. Contractors will not use Rochester Community School equipment to clean up their projects.

**OCCUPIED AREAS:**

It is expected that contractor employees working in occupied areas, including corridors, be sensitive to students, staff and the public and to take measures to insure their safety and to protect the surrounding environment. Loud noises, yelling, foul language, dirt and debris, working without barricades, unattended ladders, toolboxes and material are not permitted.

**TOILETS:**

Contractor personnel shall only utilize staff toilets as directed by your Supervisor or Facility Management. It is expected that use of toilets by contractor personnel will be kept clean at all times and not result in any additional cleaning requirements. *Direction will be given by the **Rewold** Site Superintendent during contractor Orientation.*

**NOISE:**

Every effort shall be made to control noise from construction activities. A minimum of 24 hour notification to the Project Manager/Project Engineer, or RCS Facility Management and the adjacent departments shall be provided prior to noise generating activities. Pay particular attention to "Hilti" type guns, hammer drills, sledge hammers and saw cutting. Radios and/or personal sound systems are not permitted on the job within the schools. If uncertain, see your Supervisor.

**DRUGS & ALCOHOL:**

Rochester Community School is committed to maintaining a safe, productive work environment. Any contractor who is under the influence of drugs or alcohol poses a serious threat to his or her own safety and the safety of others. Also, a person cannot do his or her job properly while working under the influence of drugs or alcohol. Any contractor taking drugs or other medication, whether or not prescribed by a physician, who is known or publicized as possibly impairing judgement, coordination or other senses important to the safe, productive performance of work must notify his/her supervisor prior to starting work. The General Contractor and Construction Forman will decide whether the contractor may continue to work and/or will impose any necessary work restrictions. Contractors are prohibited from being at work with any detectable amount of alcohol or illegal drug in their system. Any contractor violating this will be subject to removal from the construction job site. Rochester Community School reserves the right to conduct drug/alcohol testing on any contractor.

**CONCURRENCE:**

*I have read, understand and pledge, to support providing a safe workplace for students and staff as outlined above.*

**EMERGENCY PREPAREDNESS:**

- To report a fire or a chemical spill, call the District Security phone at (248) 789-2188.
- If a fire alarm is announced in your work area, pull all equipment and work carts out of the hall to allow emergency exit.
- Review and understand any specific work site policies and procedures.

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Signature

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Company

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Date

Contractor Installed Equipment Input Form

Company Information

Name

Address

State, Zip

Phone

Project Name:

RCS USE ONLY Maintenance Tag/Asset Tag	RCS USE ONLY Unit ID#	Equipment Name \ Description	Facility Rm # / Location	Serial Number	Model Name / Number	Manufacturer	Installation Date	*Warranty Start Date	Warranty End Date	Cost	Warranty Contact & Phone

\*Warranty Start Date is equal to Occupancy Date

Signature of GC Superintendent:

## List of Equipment to be Input in the Contractor Installed Equipment Form

This list is not meant to be all-inclusive. All equipment that will need preventative or corrective maintenance should be included.

### Architectural Equipment

Rated Doors  
Automatic Door Operators  
Fire Extinguishers

### Mechanical Equipment

Air Handlers  
Unit Ventilators (VUV's)  
Air Conditioning Unit  
Cooling Towers  
Fan Coil Unit  
Fans (Exhaust, Return, Roof, etc.)  
Humidifiers  
Cabinet Unit Heaters  
Domestic Water Heaters  
Chillers  
Chilled Water pumps  
Heating Hot Water pumps  
Hot Water Recirculating pumps  
Domestic Water Booster pumps  
Condensate pumps  
Sump pumps  
Fuel Oil pumps  
Boilers  
Backflow Preventers  
Steam to Water Heat Exchanger  
Tanks (Fuel, condensate, water, etc.)  
Dampers (Fire, Smoke, Combination)  
Variable Frequency Drives (VFD's)  
Meters

### Electrical Equipment

Distribution \ Power Panels  
Lighting Panels  
Isolation Panels  
Receptical Panels  
Transformers  
Alarm Panels  
Control Panels  
Uninterruptible Power Systems (UPS)  
Automatic Transfer Switch (ATS)  
Meters  
Generators  
Parralleling Switchgear  
Switchgear  
Sub Station  
Motor Control Center (MCC)

### Miscellaneous Equipment

Elevators  
Dubwaiters