Instructions to Bidders – Jan 5, 2021

SUPERIOR EXTRUSION LINE 4 EXPANSION

Project Description

Superior Extrusion, Inc. is an aluminum extrusion company with its production facility located at 118 Avenue G Gwinn MI 49841. This Project is to build a 138,938 square foot facility for a 4th Press Line.

Pre-bid information

There will be non-mandatory pre-bid meetings on January 13 and January 14 at SEI Facility located at 118 Avenue G Gwinn MI 49841. No more than 2 representatives per Contractor.

Pre-bid meeting schedule

January 13	
8 am – 9:30 am	C001 - Site Civil
9:30 am – 10:30 am	C002 - Concrete/Masonry
10:30 am – 11:45 am	C003 - Electrical
12:30 pm – 2:00 pm	C004 - Plumbing / Mechanical
2:00 – 3:30 pm	C006 – Architectural – Carpentry, interior finishes, misc.
January 14	
9 am – 10:30 am	C007 – Pre-Engineered Metal Building (PEMB) install
12:30 – 3:30 pm	Other Contract packages, vendors, or make-up. Pre-arranged only. Schedule with Brooke Berube at least 24 hours in advance.

Bid Date & Time

January 27, 2022 at 5 PM EST. Bids must be submitted via email to brooke.berube@outlook.com

Private Bid Opening

Bids will be privately opened.

Award

Post bid interviews will be conducted the week of Jan 31, 2022 with Awards anticipated the week of February 7, 2022.

Plans, Specifications, Addenda

The specifications are noted on the plan sheets. There is not a separate specification book.

Plans are available in the private plan room at the Marquette Builder's Exchange.

Future addenda will be posted in the private plan room at the Marquette Builder's Exchange.

Note: Additional detail related to underground tank, press foundation reinforcing, and PEMB details are intended to be issued as an addendu.

Bid Packages

The Project will utilize separate prime contractors. All contracts for construction will be direct contracts with the Owner. The following is a list of the Prime Bid Packages.

C001 Site Civil
C002 Concrete & Masonry
C003 Electrical
C004 Plumbing/Mechanical
C005 Fire Suppression (Future bid)
C006 Architectural – Carpentry, interior finishes, misc.
C007 Pre-Engineered Metal Building (PEMB) install
C008 Fencing (Future bid)
C009 Dock Levelers (Awarded)
C010 Overhead Doors
C011 Overhead Crane (Awarded)

Project Manager / Owner's Representative – Bidder's questions

Brooke Berube is the Project Manager / Owner's Representative for the Project. All formal bid questions must be submitted in writing via e-mail by January 18.

Bid form and other bid documents

Contractors are to submit bid on contractor company letterhead.
Acknowledge all addenda.
List key subcontractors.
Name Project Manager.
List Superintendent/Foreman that will be onsite at least 90% of the time the Contractor is onsite.
Clearly outline any value engineering cost alternates.

Clearly identify any exclusions or qualifications.
Add alternate: Cost to add performance bond.
Provide common item rates for potential T&M extras.

Schedule

Acknowledge the Project must be turned over to the Owner and with temporary occupancy certificate by December 1, 2022. All Contractors acknowledge that Overtime will be necessary to achieve this schedule. The Project start date is April 1, 2022.

Wages

Prevailing wages are not required

SCOPE OF WORK

C001 Earthwork

C001 includes:

- Daily cleanup
- Seasonal condition provisions and resource plan as necessary to meet project schedule of April 1 start and December 1 T.C.O.
- All activities to allow for installation of concrete foundations to be completed and backfilled as required to allow for PEMB erection for begin May 20, 2022 and all foundation work to be complete by September 1, 2022.
- Soil erosion controls and maintenance
- Provide construction water as needed for C001 scope
- Survey for C001 work
- Site grading
- Press line 1 loading dock demolition
- Imports/exports of materials per grading plan
- Excavation and backfill for structural concrete, exterior flatwork. Excavation tolerance is +/- 0.05'
- Furnish and install aggregate beneath building slabs. Placement tolerance is minus 0.05'
- Furnish and install all storm piping and structures to within 5 feet of building
- Furnish and install all sanitary piping and structures to within 5 feet of building. Exception - C001 includes the entire pipe run, including the oil water separator, through to tapping the existing manhole.
- Furnish and install all water supply piping to within 5 feet of building.
- Coordinate with plumbing contractor for continuous water piping install into mechanical room
- Rip Rap detail at drip line
- Bituminous paving
- Topsoil, seed, mulch
- Overtime as needed to meet project milestone schedule
- Coordination with other contractors and attendance to weekly progress meetings
- As-builts
- A 5% project closeout schedule of value

C001 does not include and/or items by Others:

- Zoning permit

- Building permit
- Soil erosion permit
- Owner provided control survey coordinates
- Owner provided port-a-john
- Owner provided dumpster
- Owner to pay any water or sanitary tap fees
- Trench drains at bottom of loading dock ramp
- Site and structural concrete placement
- Excavation for Mechanical/Plumbing contractor
- Excavation for Electrical contractor
- Special plantings
- Site signage

C002 Concrete & Masonry

C002 includes:

- Daily cleanup
- Seasonal condition provisions as necessary and resource plan to meet project schedule of April 1 start and December 1 T.C.O.
- Concrete foundations must be advanced and ready to receive PEMB (FL 31 to FL 17) install May 20, 2022. All concrete foundations to be complete by September 1, 2022.
- Furnish and install all structural concrete
- Provide construction water as needed for C002 scope
- Survey & Layout (Owner to provide control point)
- Furnish and install all exterior concrete (except Electrical related concrete)
- Furnish and install concrete for cooling tower
- Concrete reinforcement, mesh, expansion materials, dowels
- Furnish and install angle embeds
- Install press plate embed (furnish by Owner)
- Furnish and install press launder grating
- Furnish and install handrail
- Furnish and install dock guardrails
- Furnish and install stairs to mezzanine
- Furnish and install joists and metal decking for mezzanine
- Set anchor bolts. Clean, grease, and protect
- Provide third party survey to shoot anchor bolts prior to concrete placement
- Furnish and install all (primed) bollards
- See C001 scope for grading tolerances

- Furnish and install foundation insulation
- Concrete quality control testing
- Furnish and Install Masonry, masonry reinforcement
- Masonry caulking
- Installation of temporary OSHA covers
- Overtime as needed to meet project milestone schedule
- Coordination with other contractors and attendance to weekly progress meetings
- As-builts
- A 5% project closeout schedule of value

C002 does not include and/or items by Others:

- Zoning permit
- Building permit
- Owner provided port-a-john
- Dupmster
- Density testing
- Anchor bolts provided by Owner
- Press embed plate provided by Owner
- Painting by others
- Visqueen beneath slab (not required)
- Insulation (exterior) beneath heated slab piping by others
- Electrical concrete items such as light pole bases, transformer pad by others

C003 Electrical

C003 includes:

- Daily cleanup
- Seasonal condition provisions as necessary and resource plan to meet project schedule of April 1 start and December 1 T.C.O.
- Obtain electrical permit
- Provide (1) temporary construction power pedestal
- Furnish and install all electrical gear, panels, conduits, cabling, and devices shown on drawings
- Provide power to overhead cranes
- Provide power to overhead door motors
- Provide temporary lighting during construction in building

- Trenching, backfill, and compaction for electrical conduits
- Re-compaction if trench backfill does not meet density requirements
- Furnish and install concrete for transformer pad, light pole bases
- Relocate/remove items in Press Line 1 building on end wall adjacent to building addition
- Provide a separate bid line item for commissioning support. 240 manhours. M-Sa.
- Provide a separate bid line item to design-build a fire alarm system
- Overtime as needed to meet project milestone schedule
- Coordination with other contractors and attendance to weekly progress meetings
- As-builts
- A 5% project closeout schedule of value

C003 does not include and/or items by Others:

- Owner provided Transformer
- Owner to pay UPPCO fees
- Owner provided port-a-john
- Owner provided dumpster
- Security system
- Communication system

C004 Plumbing / Mechanical

C004 includes:

- Daily cleanup
- Seasonal condition provisions as necessary and resource plan to meet project schedule of April 1 start and December 1 T.C.O.
- Selective demolition in Press Line 1 building on end wall adjacent to building addition
- Obtain plumbing and mechanical permits
- Furnish and install all sanitary piping within 5 feet of building
- Furnish and install all mechanical equipment, lines, ducting, piping shown on drawings
- Furnish and install interior press tank precast, under slab, (future addendum)
- Trenching, backfill, and compaction for plumbing or mechanical lines within 5’ of building
- Re-compaction if trench backfill does not meet density requirements
- Set and connect to Owner provided cooling water tower
- Provide insulation, piping, etc for areas with in concrete radiant heat
- Provide a separate bid line item for commissioning support. 240 manhours. M-Sa.
- Overtime as needed to meet project milestone schedule

- Coordination with other contractors and attendance to weekly progress meetings
- As-builts
- A 5% project closeout schedule of value

C004 does not include and/or items by Others:

- Fire suppression by others
- Owner to pay Semco fees and provide gas line to the building meter
- Owner provided port-a-john
- Owner provided dumpster
- Owner provided cooling tower

C006 Architectural – Carpentry, interior finishes, misc.

- Daily cleanup
- Seasonal condition provisions as necessary and resource plan to meet project schedule of April 1 start and December 1 T.C.O.
- Furnish install metal studs and drywall
- Furnish and install insulation that is not part of PEMB assembly
- Furnish and install acoustical ceiling
- Furnish and install interior doors and hardware
- Furnish and install exterior windows
- Painting and caulking including masonry caulking. Includes bollard painting.
- Furnish and install bathroom accessories, toilet partitions, ada bathroom signage
- Furnish and install all fire extinguishers/cabinets
- Overtime as needed to meet project milestone schedule
- Coordination with other contractors and attendance to weekly progress meetings
- As-builts
- A 5% project closeout schedule of value

C006 does not include and/or items by Others:

- Building permit
- Exterior doors and hardware by others
- Overhead doors by others
- Dumpster provided by Owner
- Temporary lighting by electrical contractor
- Building furniture by others
- Lockers, benches, counters and casework – design not finalized

C008 Pre-Engineered Metal Building (PEMB) Install

C008 includes:

- Daily cleanup
- Seasonal condition provisions as necessary and resource plan to meet project schedule of April 1 start and December 1 T.C.O.
- Shipment 1 of 2 of building is scheduled to be FL 31 to FL17 and will arrive on or about May 20.
- Shipment 2 of 2 of PEMB is scheduled to arrive on or about June 20
- PEMB to be dried in by October 20, 2022.
- Unloading of all PEMB materials. Owner will provide onsite indoor storage for the insulation.
- Install framing for HVAC louvers
- Complete installation of pre-engineered metal building including its insulation and exterior man doors
- Frame and cut in opening into existing Line 1 Building
- Touch up painting of any marred PEMB member
- Overtime as needed to meet project milestone schedule
- Coordination with other contractors and attendance to weekly progress meetings
- As-builts
- A 5% project closeout schedule of value

C008 does not include and/or items by Others:

- Building permit
- Furnish and install overhead crane by others
- Furnish and install overhead doors by others
- Furnish and install exterior windows by others
- Mezzanine decking by others
- Temporary construction lighting
- Owner provided dumpster
- Owner provided port-a john

C010 Overhead Doors

C010 includes:

- Daily clean up

- Furnish and install overhead doors per schedule
- Door specification is Clopay Model 3717 or equal, full angle mounted 3” track with 50,000 cycle springs. (1) Full vision section with insulated glass. Use appropriate operator for track type defined in the door schedule
- Provide 2 remotes per door

C010 does not include and/or items by Others:

- Electrical to openers
- Temporary construction lighting
- Owner provided dumpster
- Owner provided port-a john