

SECTION 01600 - PRODUCT REQUIREMENTS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Basic Product Requirements.
2. Product Options.
3. Product Substitution Requirements.
4. Direct Purchase Products.
5. Product Delivery Requirements.
6. Product Storage and Handling Requirements.

B. Related Requirements:

1. Appendix A - Products and Work by Owner or Separate Contractor.
 - a. General procedures related to Owner furnished products.
 - b. Manufacturers, suppliers, vendor contacts and product names and numbers related to Owner furnished products.

1.2 DEFINITIONS

- A. Products: Defined as new material, machinery, components, equipment, fixtures, and systems forming the Work. Does not include machinery and equipment used for preparation, fabrication, conveying and erection of the Work. Products may also include existing materials or components required for reuse.

1.3 BASIC PRODUCT REQUIREMENTS

- A. For products or workmanship specified by association, trade, or other consensus standards, comply with requirements of the standard, except when more rigid requirements are specified or are required by applicable codes.
- B. Conform to reference standard by date of issue current on date of Contract Documents.
- C. Obtain copies of standards when required by Contract Documents.
- D. Should specified reference standards conflict with Contract Documents, request clarification from Architect before proceeding.
- E. The contractual relationship, duties, and responsibilities of the parties to the Contract shall not be altered from the Contract Documents by mention or inference otherwise in any reference document.

1.4 PRODUCT OPTIONS

- A. Products Specified by Naming a Single Manufacturer and/or Model Number: Provide specified product only unless otherwise specifically permitted in the specifications.
- B. Products Specified by Naming Two or More Manufacturers: Provide specified products of manufacturers and models named only, meeting specifications and specified requirements unless otherwise specifically permitted in the specifications.
- C. Products Specified by Reference Standards or by Description Only: Provide any product meeting specified reference standard or description.

1.5 PRODUCT SUBSTITUTION REQUIREMENTS

- A. No substitutions permitted. Provide specified products only.

1.6 DIRECT PURCHASE PRODUCTS

- A. Direct purchase products shall be purchased directly by the General Contractor from the Manufacturer or the Pre-Negotiated Supplier as specified in the individual Specifications Sections. Direct purchased products shall not be purchased by any subcontractor regardless of the discipline or subcontract involved in the installation.

1.7 PRODUCT DELIVERY REQUIREMENTS

- A. Transport and handle products in accordance with manufacturer's instructions. Deliver materials and equipment at such stages of work in order to expedite the Work and minimize storage requirements.
- B. Schedule delivery for Owner furnished and installed equipment such that upon delivery of equipment to the site, sufficient equipment provisions are in place ready for installation and hook-up.
- C. Promptly inspect shipments to assure that products comply with requirements, quantities are correct, and products are undamaged.
- D. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, and damage. Do not use damaged materials and equipment.

1.8 OWNER FURNISHED PRODUCT DELIVERY REQUIREMENTS

- A. Product Delivery and Receiving:
 - 1. Unless noted otherwise herein, Owner's supplier will deliver products and equipment to jobsite for Contractor to receive on delivery date established by Contractor.
 - 2. Terms of Contractor's delivery and receiving, as well as significant order lead times required for some products, are specified in the Delivery Schedules included herein.
 - 3. The Schedules provide summary information only and do not preclude or supercede requirements contained in the corresponding individual sections or in Appendix A or the Drawings.
- B. Coordination:
 - 1. Contractor shall contact wm-potracksupport@lumatrak.com immediately after Award of Contract to initiate registration in the GC Communicator (GCC) program for Owner supplier scheduling and coordination.
 - 2. Owner's Supplier and Contractor shall establish product delivery and installation dates, quantities of materials, and a coordination procedure through the GCC program.
 - 3. Exceptions to Contractor scheduling are specified in the Delivery Schedules included herein.
- C. Refer to the applicable drawings or Appendix A for specific details regarding Owner furnished products or equipment.
- D. Receive and unload products at the Site unless otherwise specified in the Owner Products Delivery Exceptions Schedules included herein.
- E. Owner Furnished and Installed Equipment to be Received by the Contractor. Owner furnished and installed equipment will be received at the site by the Owner except the following, which shall be received by the Contractor.
 - 1. Coiling counter shutters specified in Section 08337.
- F. Review supplier furnished shop drawings, product data, and samples under provisions of Specifications Section 01330. Submit to supplier with notification to Architect, Owner, and Owner's Construction Department of any discrepancies or problems anticipated in the use the products.

- G. Verify quantity of products furnished with shop drawings, Final Field Use Drawings, or Bills of Lading as applicable.
- H. Promptly inspect products upon receipt for shortages, damaged, or defective items; report to Owner and Owner's Construction Department. Upon notification, Owner will arrange for delivery of replacement products.
- I. Report suspected product manufacturing defects to Owner's Construction Manager and Product Supplier. Upon notification, Owner will arrange for repair of product manufacturing defects.

1.9 PRODUCT STORAGE AND HANDLING REQUIREMENTS

- A. Provide safe storage of products.
- B. Store and protect products in accordance with manufacturer's instructions, with seals and labels intact and legible. Store sensitive products in weather-tight, climate controlled enclosures.
- C. For exterior storage of fabricated products, place on sloped supports, above ground.
- D. Provide off-site storage and protection when site does not permit on-site storage or protection.
- E. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation.
- F. Store loose granular materials on solid flat surfaces in a well-drained area. Prevent mixing with foreign matter.
- G. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- H. Arrange storage of products to permit access for inspection. Periodically inspect to assure products are undamaged and are maintained under specified conditions.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Provide interchangeable components of the same manufacturer, for components being replaced.
- B. Do not use materials and equipment removed from existing premises, except as specifically permitted by the Contract Documents.

PART 3 - EXECUTION

3.1 INSTALLATION OF OWNER FURNISHED PRODUCTS

- A. Owner Furnished Equipment Installed by the Contractor. All Owner Furnished equipment shall be installed by the Contractor unless otherwise noted in the individual sections of the Specifications, on the Drawings, or in Appendix A to be installed by the Owner.
- B. Provide for installation and hook-up at time of delivery of Owner installed equipment if Owner is to install as specified in the Products Installed by Owner Schedules included herein.
- C. Install in accordance with manufacturer's instructions.
- D. Coordinate installation of Owner installed products and equipment.
- E. Work in harmony with all subcontractors, suppliers and manufacturers.

- F. Unpack and set in place, plumb, level, and secure.
- G. Connect to mechanical, plumbing, and electrical systems as required.
- H. Remove packaging and clean products.
- I. Test and adjust as required.
- J. Replace items damaged during installation.
- K. Protect installed products from damage by subsequent construction operations.

END OF SECTION

Neighborhood Market

DELIVERY SCHEDULE (Refer to Drawings for applicable scope of work)

Order Date*	Delivery Conditions*	Product Description	Location Shown or Specified
	<i>Contractor to Schedule</i>		
		All Products Unless Otherwise Noted	Various
	<i>Contractor to Schedule with Additional Coordination</i>		
	Contractor to coord. w/ Sign Dept	Signage (Interior Placard and Exterior Signs)	Architectural Drawings
	Contractor to coord. w/ Equipment Supplier	Food Service Equipment	11400 and Equipment Schedule on Grocery Drawings
	Contractor to coord. w/ Owner's Mechanical Services Dept	Refrigeration including Condensers/Evaporators, Refrigerated Cases, Refrigeration Alarm System. Compressor Racks Produce Misting System	15600 and Grocery Drawings
		<ul style="list-style-type: none"> • R.O. Water Filter Equipment • Walk-in Freezers and Coolers 	Grocery Drawings
	<i>Owner to Schedule</i>		
		Metal Fabrications <ul style="list-style-type: none"> • Interior Galvanized Steel Pipe Bollards (Mounted Inside Freezer) • Interior Stainless Steel Pipe Bollards (Floor Mounted) • Interior Galvanized Steel Pipe Bollards (Floor Mounted) 	05500
		<ul style="list-style-type: none"> • Refrigerated Case Floor Mounted Railing Protection • Refrigerated Case Corner Protection 	10260

	<i>Delivery At Possession Date</i>		
		Soap Dispensers	10810
	<i>Delivery After Possession Date</i>		
		Photo Equipment	Architectural Drawings
	<i>Delivery Prior to Possession Date (from shortest to longest time out)</i>		
	1-4 Weeks	Sales Area Merchandise Fixtures and Anchor Straps Gondola Shelving Half Gondola Shelving Heavy Duty Gondola Shelving End Caps	Architectural Drawings
	1-4 Weeks	Storage Racks/ Lockable Storage Rack Systems	Architectural Drawings
	3 Weeks	Balers/Compactors	Architectural Drawings
4-6 Weeks		Pharmacy Water Filtration System	Pharmacy Drawings
		12" Convex Mirror in Pharmacy	Pharmacy Drawings
4 Weeks		Cart Corrals	02845
	4 Weeks Min	Lighting Fixtures (Except where scheduled to be furnished by Contractor)	16500
	4 Weeks	Telephone System	16700
	4 Weeks	<ul style="list-style-type: none"> • Fire Alarm System • Burglar Alarm System 	Electrical Drawings

END OF SCHEDULE