

# Material Lead Times

Updated: 12/21/23

ITEM DESCRIPTION	SHOP DRAWINGS / SUBMITTALS (WEEKS)	DESIGN TEAM REVIEW & APPROVAL (WEEKS)	MATERIAL LEAD TIME (WEEKS)	DURATION FROM AWARD (WEEKS)
<b>05 12 00 STRUCTURAL STEEL</b>				
Standard Shapes - Mill Order	6	2	10	18
Standard Shapes - Warehoused	6	2	10	18
Bar Joists	4	2	10	16
Metal Decking	2	2	6	10
<b>07 50 00 ROOFING &amp; FLASHING</b>				
Poly-Iso Insulation Board	4	2	6	12
TPO/PVC Sheet Goods & Accessories	4	2	6	12
<b>23 10 00 PROCESS PIPING</b>				
Clean for O2 Valves & Fittings - Copper	2	2	6	10
Vacuum Jacketed Piping	3	2	18	23
<b>10 00 00 SPECIALTIES</b>				
Window Shades	4	2	15	21
Operable Partition	2	2	18	22
<b>12 31 00 LAB CASEWORK</b>				
Manufactured Lab Casework - Fixed	4	2	20	26
Manufactured Lab Casework - Mobile	4	2	22	28
Ceiling Utility Panels	3	2	12	17
<b>13 21 00 CONTROLLED ENVIRONMENTAL ROOMS</b>				
Insulated Cold Room Panels	3	2	12	17
Cold Room Condensors/Evaporators	3	2	12	17
Dehumidification Units	3	2	30	35
<b>13 33 00 MODULAR CLEAN ROOMS</b>				
Modular Cleanroom Panels & Accessories	6	3	22	31
<b>22 00 00 PLUMBING</b>				
Recessed Safety Shower/Eyewash	2	2	10	14
Lab Waste pH Neutralization System	4	2	25	31
Lab Waste Lift Station	4	2	20	26
Vacuum Skid	3	2	15	20
Compressed Air Skid	3	2	20	25
Lab Gas Switchover/Manifold	3	2	10	15
<b>23 00 00 HVAC</b>				
Air Handling Unit - Custom	4	3	55	62
Air Handling Unit - Semi-Custom	4	3	40	47
Air Handling Unit - Packaged	3	2	30	35
Exhaust Air Handling Unit w/ Energy Recovery	4	3	35	42
Packaged Lab Exhaust Fan	2	2	26	30
Chiller - Water Cooled	3	2	26	31
Cooling Tower	3	2	28	33
Modular Hot Water Boilers - Gas Fired	3	2	15	20
Variable Frequency Drives	3	2	35	40
Computer Room Air Conditioning Unit	2	2	55	59
Terminal Equipment - Fan Coil Unit	2	2	9	13
Terminal Equipment - Water Source Heat Pump	2	2	9	13
Terminal Equipment - VAV Box	2	2	8	12
Terminal Equipment - Lab Air Valve	2	2	8	12
Terminal Equipment - Chilled Beam	3	2	9	14
Sound Attenuator	3	2	9	14
HEPA Filter Housing & Media	2	2	15	19
<b>23 10 00 PROCESS PIPING</b>				
Clean for O2 Valves & Fittings - Copper	2	2	5	9
Vacuum Jacketed Piping	3	2	18	23
<b>25 00 00 INTEGRATED AUTOMATION &amp; CONTROLS</b>				
Control Panels	5	3	20	28

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<b>26 00 00 ELECTRICAL</b>				
Engine Generator - > 600 KW	4	3	80	87
Engine Generator - < 600 KW	4	3	45	52
13.8 KV Switchgear (Customer Station)	6	4	75	85
Pad Mount Utility Transformer	5	3	100	108
480V Interior Switchboard	5	3	45	53
Automatic Transfer Switch	3	2	45	50
Bus Duct & Plug-In Disconnects	3	2	40	45
Distribution Panels - > 600 A	3	2	48	53
Distribution Panels - 250 - 600 A	3	2	20	25
Distribution Panels - < 250 A	3	2	15	20
Dry Type Transformers	3	2	15	20
Light Fixtures - Standard	4	2	10	16
Light Fixtures - Custom	4	2	20	26