

Lodi Unified School District
Tokay High School Gymnasium Modular Building

Responsibility Matrix
January 30, 2019

| Description | Site GC | Modular Contractor | District | Comments |
|--|---------|--------------------|----------|--|
| Division 1 - General Requirements | | | | |
| Temporary Facilities | X | | | |
| Temporary Site Fencing | X | | | For overall site area |
| Portable Toilets (2 minimum) for Site | X | | | |
| Portable Toilets (2 minimum) for Modular | | X | | |
| Field Office for Inspector and CM | X | | | |
| Temporary Power Service | | | X | |
| Gas and electrical utility charges for startup and testing | | | X | |
| Temporary Water and Phone | X | | | |
| Temporary fire water | X | | | |
| Staging area for modular on site | | X | | |
| On-site Security | X | | | |
| Division 3 - Concrete | | | | |
| Building Concrete: | | | | |
| Foundation Staking | X | | | |
| Off-haul Footing Spoils | X | | | |
| Footing & Stem Walls | | X | | |
| 2" Min. Slurry Rodent barrier | | X | | If applicable to modular system |
| Vent Wells/Access Wells | | X | | Formed and Poured after Panels / Modules are set |
| Elevator/Stairs Foundations | | | | Not applicable |
| Division 5 - Metals | | | | |
| Covered Walkway/Canopies | | X | | |
| Stair canopies | | | | Not applicable |
| Stairs | | | | Not applicable |
| Balcony & Guardrail system | | | | Not applicable |
| Handrails | | | | Not applicable |
| Vent well grates & frames | | X | | top of grate at FF grade and grate ADA compliant |
| Provide/install gutters on bldgs. | | X | | |
| DI Grates | X | | | |
| DF Rails on Building | | X | | |
| DF Rails at site | X | | | |
| Division 8 - Openings | | | | |
| Doors / Frames | | X | | |
| Windows / Frames | | X | | |
| Division 9 - Finishes | | | | |
| Interior and Exterior: | | | | |
| All finishes | | X | | |
| Division 11 - Equipment | | | | |
| Concession Room Equipment | | | X | Refrigerator, mirowave |
| Division 13 - Special Construction | | | | |
| Modular Buildings: | | | | |
| All Engineering/Architectural DSA Approval | | X | | |
| Manufacturer Buildings/Stairs/Balcony | | X | | |
| Set & Install Buildings/Elevator | | X | | |
| Modular Elevator/Machine room | | | | Not applicable |
| Elevator check list | | | | Not applicable |
| DSA Fees | | | X | |
| Health Department Fees | | | X | If applicable |
| In Plant inspection fee's | | | X | |
| Division 23 - Mechanical | | | | |

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| Stub condensate drain to exterior just above finish floor | | X | | |
| Connect Condensate Drain and run to Drywell | X | | | |
| Energy management system | X | | | |
| HVAC Unit | | X | | |
| HVAC Ducting & Grills | | X | | |
| HVAC Thermostats if connected/controlled by EMS system | X | | | If not controlled by EMS system then by modular |
| Power for EMS system | | X | | |
| EMS system, conductors & site conduits, controls | X | | | |
| Division 26 - Electrical | | | | |
| Electrical Service: | | | | |
| Trench and conduit to transformer | X | | | |
| Transformer Pad | X | | | |
| Trench and conduit to MSB | X | | | |
| Main switch board | X | | | |
| Conductors to meter | X | | | |
| Power & Distribution: | | | | |
| Transformers | X | | | |
| Distribution switch boards | X | | | |
| Power to buildings | X | | | Wire feeders |
| Building electrical sub panels | | X | | (1) per classroom |
| Provide conduit/conductor in crawl space to energize modular subpanels and conductor from sub-panel to subpanel interior of building | X | | | |
| Connect to building panel including ground rod and ground rod test | X | | | |
| Circuit monitoring | X | | | |
| Panel ID/Circuit ID Labeling | | X | | |
| All electrical within buildings - Less conductors from switchgear to sub-panel and from sub-panel to sub-panel | | X | | Including breakers within sub panels |
| Provide/pull conductors from main panel to subpanels | X | | | |
| Lighting: | | | | |
| Site Lighting | X | | | |
| All Building Exterior Lighting to EMS | | X | | That are attached to the building (soffit/walls) |
| EMS Controls Panel | X | | | |
| Interior Light Programming | | X | | |
| Site exterior Light Programming | X | | | That are not attached to the building |
| Conduits Connecting Buiding Wings | X | | | |
| Interior LED Lights | | X | | |
| Exterior LED Lights | | X | | |
| Int. Occupancy Sensors/Photo Sensors | | X | | |
| Lighting control & integration to classroom lighting control | | X | | |
| Division 27 / 28 - Communications and Safety | | | | |
| Voice/Data/Clocks/TV/Intercom/Security: | | | | |
| Conduit & Back boxes-in walls | | X | | stubbed 6" above T-bar |
| Clock/Speaker and Back Boxes | | X | | |
| Conduit to bldg./ STC Cabinet | X | | | |
| STC at Bldg. | X | | | |
| Wires/Controls/Devices | X | | | |

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| IDF cabinet | X | | | |
| Door Security Contact Conduit | X | | | Wiring and devices |
| Security Devices | X | | | Wiring and devices |
| CATV Systems | X | | | Wiring and devices |
| J Hooks for wiring in plenums | | X | | |
| All low voltage devices, Wifi, Data, Fire, Voice, Alarm, CCTV, Clocks, etc. | X | | | |
| Dedicated telephone line for elevator | | | | Not applicable |
| All low voltage conduits in ceilings other than Fire systems | X | | | |
| Fire Alarm: | | | | |
| Bldg. Conduit & Back boxes and supports for devices | | X | | |
| Conduit to bldg. STC Cabinet | X | | | |
| All fire alarm control, and annunciator panels | X | | | |
| Power for FACP/FAEP | | X | | |
| Terminal Cabinets | X | | | |
| Devices/Conductors/Controls | X | | | |
| FS Flow & Tamper Switches at building riser | X | | | |
| FS Flow & Tamper Switches outside buildings (i.e. bacflow device, PIC, etc.) | X | | | |
| FS Alarm Bell | X | | | |
| Conduit Wire for FS Devices | X | | | |
| Connect FS Devices to FA | X | | | |
| Fire extinguisher cabinet - Semi recessed | | X | | |
| Division 31 / 34 - Site Work | | | | |
| Earthwork: | | | | |
| Excavation/backfill/compaction | X | | | |
| Spoils offhaul for pad / foundations excavation | X | | | |
| Rough grading at building perimeter | X | | | |
| Finish grade, including slopes to drain (if applicable) within the Bldg. pad area and re-grading after the form work is removed | X | | | |
| Import/Export fill | X | | | |
| Excavate modular Bldg. foundation pad +/- .1' | X | | | Excavate 5 ft. horizontally past bldg perimeter. Crawl space grade to be set for 2'-5.5" from finish grade to finish floor per drawings for 18" min. crawlspace |
| Excavate stairs/elevator foundation footings | | X | | |
| Excavate building/foundation footings | | X | | |
| Provide/install engineered fill per soils report | X | | | if applicable |
| Asphalt concrete: | | | | |
| Driveways/parking | X | | | |
| Walkways | X | | | |
| Striping | X | | | |
| Site Concrete: | | | | |
| Mow strips around building | X | | | In landscape areas |
| Site Flat Work and around stairs | X | | | Slope away from building |
| Curb & Gutter | X | | | |
| Condenser pads on site | X | | | If applicable |
| Concrete flat work/area drains at ground floor | X | | | |
| Covered walkway footings & columns | X | | | If applicable |
| Storm Drains: | | | | |
| Site | X | | | |

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| Under Bldgs. Foundation Area Drains | X | | | If applicable |
| Storm Drains to RWL/Downsouts | X | | | |
| Above grade RWL/Downspout clean-outs | X | | | |
| Connect RW/Downspouts to SD (Building) | X | | | |
| Connect RW/Downspouts to SD Stairs/Balc. | | | | Not applicable |
| Provide/install gutters on buildings | | X | | |
| Connect Condensate Drain to Drywell | X | | | If applicable |
| Drywells | X | | | If applicable |
| Gas Service: | | | | |
| Gas Service to Meter - Trenching | X | | | |
| Gas Service to Meter - Gas Line | X | | | |
| Gas Meter | X | | | |
| Gas Line to Buildings | X | | | |
| Gas line within Buildings | | X | | |
| Shut Off Valve (SOV) at Buildings | X | | | |
| Housekeeping pad for gas meter | X | | | If applicable |
| SOV/PRV regulator at Building | X | | | |
| Connect units to SOV | | X | | |
| Emergency SOV in Classroom/Labs | | X | | |
| Domestic Water: | | | | |
| Water Service | X | | | within 5' of bldg. |
| Shut Off Valve (SOV) at buildings | X | | | within 5' of bldg. |
| Connect to buildings | X | | | |
| Chlorination and testing - All Lines | X | | | Including Modular Building |
| Domestic piping within bldgs. | | X | | |
| Sanitary Sewer: | | | | |
| Site Point Of Connection (POC) | X | | | |
| Clean-outs at POC | X | | | |
| Waste manifold under buildings | | X | | Stubbed 2' outside stemwall |
| Connect manifolds to site sewer | X | | | |
| Landscaping: | | | | |
| Irrigation | X | | | |
| Planting | X | | | |
| Fencing footings and columns | X | | | |
| Site Accessoreis/Planters | X | | | |
| Marquee Sign | | | | Not applicable |
| Fire Service: | | | | |
| Site Fire Lines & Hydrants | X | | | |
| Fire sprinkler system within modular buildings | | X | | |
| Fire sprinkler in Elevator/Machine room | | X | | |
| Fire sprinkler Riser in Building | | X | | Starting at +6" above finish floor flange from site contractor |
| Fire sprinkler main connection POC | | X | | |
| Fire sprinkler main to elevator | | X | | From main building |
| Fire sprinkler engineering and design including calculations for DSA approval | | X | | |
| Fire sprinkler from site to building POC | X | | | Site contractor to bring FS line to point of connection, terminate in crawl space +12" above finish crawl space with flange. After module placement, extend as necessary to +6" above finish floor with flange. |
| Various | | | | |
| Bldg. Downspouts | | X | | |
| Provide/install gutters on bldgs. | | X | | |

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| Classroom accessories | | | | Not applicable |
| Thermostats | | X | | |
| Construction Keying | | X | | |
| Doors, Door Frames, Door Hardware | | X | | |
| Permanent/Master Keying | X | | | |
| Temporary Lock Cores | | X | | |
| Permanent Lock Cores | X | | | |
| Door Card Readers | | | | Not applicable |
| Provide unobstructed truck/crane access to building pads -must support 200 ton crane | X | | | Maintained by the modular building manufacturer once they start construction activities on-site. |
| Establish/maintain building corners/surveying | X | | | |
| Building floor protection covering | | X | | |
| Floor Sealing/Waxing | | X | | |
| Window coverings | | X | | |
| Appliances | | | X | Modular contractor installed |
| Furniture | | | X | |
| All blocking needed to install wall mount fixtures, TV's, markerboards, cabinets, etc. | | X | | |
| Projection Screens | | | | Not applicable |
| Bldg mounted exterior hose bibbs (2 min.) | | X | | |
| Roof hose bibbs (2 min.) | | X | | |
| Building casework and counters | | X | | |
| Markerboards | | X | | |
| Transport cost to site for modular | | X | | |
| Crane (capacity as necessary) | | X | | |
| AV Systems | X | | | |
| All Interior signage rooms ID and code required | | X | | Match campus, anticipate 8" x 12" |
| All Exterior signage rooms ID and code required | | X | | Match campus, anticipate 8" x 12" |
| Interactive Visual Display TV | | | X | Modular contractor installed |
| Sun Shades | | | | Not applicable |
| Dust Control | X | | | |
| SWPPP | X | | | |
| Traffic Control | X | | | |