

A	B	C	D	E	<div>SECTION - C01410: TESTING LABORATORY SERVICES</div> <div>PART I - GENERAL</div> <div>1.1 SECTION INCLUDES<div>A. Owner supplied third party inspections, coordinated by the General Contractor.</div><div>B. Review and become familiar with "Third Party Inspections" as part of the FSU Super Package under the General Contractor's contract..</div></div> <div>1.2 RELATED SECTIONS<div>A. General Conditions: Inspections, testing, and approvals required by public authorities</div><div>B. Testing Adjusting and Balancing of Systems</div><div>C. Contract Closeout: Record Documents</div></div> <div>1.3 CONTRACTOR RESPONSIBILITIES<div>A. Cooperate with laboratory personnel, and provide access to Work.</div><div>B. Provide incidental labor and facilities to provide access to work to be tested, to obtain and handle samples at the site or source of products to be tested, to facilitate tests and inspections, and for storage and curing of test samples.</div><div>C. Notify Owner and laboratory 24-hours prior to expected time for operations requiring inspection and testing services.</div></div> <div>PART II - PRODUCTS<div>Not Used</div></div> <div>PART III - EXECUTION<div>Not Used</div></div> <div>END OF SECTION C01410</div> <div>SECTION - C01510: TEMPORARY UTILITIES</div> <div>PART I - GENERAL</div> <div>1.1 SECTION INCLUDES<div>A. Temporary Electricity and Lighting</div><div>B. Temporary Heating</div><div>C. Temporary Water</div><div>D. Temporary Sanitary Facilities</div><div>E. Temporary Fire Protection</div><div>F. Payment</div></div> <div>1.2 TEMPORARY ELECTRICITY AND LIGHTING<div>A. Provide wiring, fuses, disconnect switches, safety devices, junction boxes, panel boxes, ground fault protections, and transformer if required, in connection with use of temporary electrical service for lighting and power during construction. All items and installations are to conform to the requirements of the National Electric Code, and "Occupational Safety and Health Act." Observations by the Owner, his agents, or any recognized agency indicating failure to comply with code requirements shall be cause for immediate suspension of job site operations by the Contractor until the system is in full compliance. No extension to the Contract Time shall be allowed for such suspension of job site operations.</div></div> <div>1.3 TEMPORARY HEATING<div>A. Requirement: Provide, pay for and maintain, all temporary heating facilities required during the progress of the Work to protect materials, finished work and equipment against injury from dampness and cold. Temporary heat shall be required when the outside temperature is low enough to damage or affect in any way the performance or quality of any product or material being stored in the building, in any temporary storage area, or any material incorporated into the work. Temporary heat shall also be required when the outside temperature is low enough to significantly slow or hamper the effectiveness of workmen on the job.</div><div>B. Use of Permanent Heating System: Permanent heating system may be used for this purpose after completion, provided Contractor obtains written permission from Owner, and agrees to pay all charges for fuel, attendance, maintenance, repair and replacement, if necessary, to the equivalent of new conditions, including replacement of filters and cleaning of grilles and diffusers.</div></div> <div>1.4 TEMPORARY WATER<div>A. Provide temporary storage tanks, piping, valves, fittings, hose and hose connections as required for use of water during construction and testing.</div></div> <div>1.5 TEMPORARY SANITARY FACILITIES<div>A. Furnish, install and maintain ample sanitary facilities for use of workmen of all trades engaged in work under the contract. Temporary toilets shall be constructed at time work is commenced and shall be subject to applicable City Ordinances, Health Department requirements and Rules and Regulations of governing authorities by Code or otherwise.</div></div> <div>1.6 TEMPORARY FIRE PROTECTION<div>A. Observe and enforce compliance by all trades engaged in work under the contract with requirements of City, County, State, Federal and Insurance Underwriter's regulations to minimize fire hazards incidental to the work. Provide operable fire extinguishing devices in well-marked, accessible locations distributed throughout the project in compliance with governing codes and ordinances.</div></div> <div>1.7 ARRANGEMENT AND PAYMENT<div>A. The Contractor shall make all necessary arrangements and shall pay for water, electric power, gas, and sewage service during the construction of the building as may be required for use of his own forces and those of his subcontractors, and as required by them until acceptance of the work by the Owner.</div></div> <div>PART II - PRODUCTS<div>Not Used</div></div> <div>PART III - EXECUTION<div>Not Used</div></div> <div>END OF SECTION C01510</div> <div>SECTION - C01520: SECURITY</div> <div>PART I - GENERAL</div> <div>1.1 WATCHMAN SERVICE<div>A. Contractor may employ and pay for watchmen, or a watchmen's service, as he deems necessary to protect his own interests, and he shall be responsible for and pay for losses or damages to the Owner's materials or other property as a result of theft, mysterious disappearances or intrusions by strangers.</div></div> <div>PART II - PRODUCTS<div>Not Used</div></div> <div>PART III - EXECUTION<div>Not Used</div></div> <div>END OF SECTION C01520</div>	<div>SECTION - C01530: PROJECT IDENTIFICATION AND SIGNS</div> <div>PART I - GENERAL</div> <div>1.1 PROJECT SIGN FRAME<div>A. Within seven days of date of notice to proceed, furnish and erect one (1) project identification sign, in a location directed by the Owner. Sign shall consist of 4x4 inch posts supporting a 4'-0" high by 8'-0" wide sheet of 3/4 inch thick exterior A/C plywood. Locate post 1'-0" from ends of plywood; 6'-0" centers. Bottom of plywood shall be at 4'-0" above grade.</div></div> <div>1.2 Framework shall receive a fabric sign to be furnished by Owner and installed by General Contractor. Installation of sign will be by wrap and staple method; long staples, closely spaced on back side.</div> <div>1.2 CONTRACTOR SIGNS AND ADVERTISING<div>A. Only the General Contractor may have a sign, at Contractor's expense, if so desired. No other free-standing signs or advertising of any kind other than "warning" signs and notices required by law, will be permitted on the site or about the premises.</div></div> <div>PART II - PRODUCTS<div>Not Used</div></div> <div>PART III - EXECUTION<div>Not Used</div></div> <div>END OF SECTION C01530</div> <div>SECTION C01570 - EROSION AND SEDIMENTATION CONTROL</div> <div>PART I - GENERAL<div>1.1 NOTICE OF INTENT<div>A. Contractor and Owner shall jointly submit an EPA Notice of Intent (NOI) prior to construction.</div></div></div> <div>2.1 PRODUCTS<div>A. Grass: Materials for seeding and sodding shall conform to Section 02905.</div><div>B. Fertilizer: Use commercial grade fertilizers to insure germination and growth.</div><div>C. Analysis by weight shall be 16-4-8 or 15-5-10 for Nitrogen, Phosphoric Acid and Potash.</div><div>D. Silt Fence: Lundin "Silt Buster", Mirafi "Envirofence" or approved equal.</div><div>E. Straw Bales: Standard rectangular hay bales bound by baling wire</div><div>F. Sediment Traps: Standard manufacture designed to fit the intended inlet.</div></div> <div>PART II - EXECUTION<div>1.1 GENERAL<div>A. Contractor shall keep disturbed areas to a minimum required to adequately perform the work. At all times the Contractor shall maintain the site in such a manner that minimizes erosion of the site. The execution of work under this section shall be in conformance with the NPDES rulings and the site Storm Water Pollution Prevention Plan.</div></div></div> <div>3.2 SEEDING<div>A. Disturbed portions of the site and stockpile areas shall be seeded within 14 days of the phasing of the construction operations are anticipated to leave those portions of the areas unworked for 21 days or more.</div><div>B. Seeding operations shall be performed in accordance to the state's Standard Specifications, using the materials specified and the season in which the seeding operations are to occur.</div><div>C. Seeded areas shall be maintained until the project is accepted by the Owner. Maintenance shall include but not be limited to watering, fertilizing, reseeding, mowing and erosion repair as may be required. Grass shall be cut when the average height of the grass reaches 6 inches. Clippings may be mulched back into the seeded areas.</div></div> <div>3.3 TEMPORARY AND PERMANENT SWALES<div>A. Description<div>1. Temporary and permanent drainage swales shall be provided as required to carry drainage away from the work area to an approved outfall point.</div><div>2. Unless otherwise shown on the drawings, swales shall be earthen "V" shaped channels graded to a sufficient depth and slope to carry the anticipated runoff, but at least 2 feet deep with a slope of 0.1 percent.</div><div>3. Swales not designated to remain in place at the completion of the contract shall be cleaned of any muck, debris and other unsuitable material and filled with approved fill before final grading operations begin.</div><div>4. Swales shall have erosion control barriers as required.</div><div>5. All permanent swales shall be sodded to a minimum width of 10 feet on either side of the centerline of the swale.</div></div><div>B. Maintenance<div>1. During the course of construction all temporary swales constructed for this contract shall be maintained so as to allow proper drainage from the construction area. Before Contractor leaves the site at the end of construction, all temporary swales to remain shall be placed in good working condition.</div><div>2. Contractor shall work with other contractors at the site in maintaining existing swales and ditches.</div><div>3. Where necessary for access to the work areas, adequately sized culverts shall be installed and maintained to provide the access without disturbing the site drainage.</div><div>4. Care shall be taken not to rut and damage sodded swales. Damaged swales shall be repaired immediately.</div><div>5. Keep sodded swales mowed.</div></div></div> <div>3.4 DRAINAGE DITCHES<div>A. Drainage ditches shall be hydromulched immediately upon final grading.</div><div>B. Erosion of the banks of the drainage ditches shall be repaired immediately and re-stabilized.</div><div>C. Sediment barriers shall be placed at intervals along the ditch as shown on the plans and as necessary to help trap sediment on the site. Sediment and other debris trapped by the barriers shall be removed on a daily basis as needed.</div><div>D. Ditch side slopes shall not be steeper than 3 feet horizontal to 1 foot vertical.</div><div>E. Maintenance of the ditches during construction shall include but not be limited to mowing, re-grading, sediment removal, re-hydromulching, bank repair and debris removal.</div><div>F. Sediment removed from the ditches may be respread on the site as directed by the Owner.</div></div> <div>3.5 FILL AND CUT SLOPES<div>A. Fill slopes in all cases shall be no steeper than 3:1 unless specifically stated on the plans or approved by the Owner's soils engineer.</div><div>B. When cut slopes exceed 2:1 for depths over 3 feet, proper bracing and shoring per OSHA requirements shall be used and maintained.</div><div>C. For permanent slopes, cut or fill, between 2:1 and 10:1, erosion protection shall be provided with hydromulching, sodding, seeding, or other method as approved.</div></div> <div>3.6 SEDIMENTATION BASINS<div>A. Description<div>1. Sedimentation ponds shall be provided where designated on the plans.</div><div>2. All drainage from cleared areas shall be routed through the sedimentation basin.</div><div>3. Contractor will be responsible for the operation and maintenance of the pond during construction.</div></div><div>B. Maintenance<div>1. Contractor shall be responsible for maintaining the pond and the outfall and sediment retarding structure in good working condition throughout the time the pond is to be in operation.</div><div>2. When sediment and debris fill the pond to over 1/3 its designed capacity, the pond shall be cleaned out.</div></div></div>
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