

# Meridian

DESIGN BUILD

790 Estate Drive, Suite 220 / Deerfield, IL 60015 / 847-374-9200 / FAX 847-374-9222 / [www.meridiandb.com](http://www.meridiandb.com)

## BID PACKAGE

**Date:** Revised November 20, 2015

**Bid Package Number:** 3

**Bid Package Name:** Site & Building

**Project:** FedEx Ground Sorting Facility, SW 272<sup>nd</sup> Street & SW 127<sup>th</sup> Avenue Homestead, FL.

**Description:** FedEx Ground Sorting Facility – 236,976 SF

### Specific Requirements and Scope:

A FedEx Ground Sorting Facility has specific requirements to be implemented during construction of their facilities as described in their specifications, drawings, and contract documents. This project requires all subcontractors to demonstrate previous experience with FedEx Ground or experience with similar work, the specified materials, and any other special requirement of the specification to be considered for the project. See "Bid Package Line Items" below further description of the special requirements by trade.

### Specific Skills Required:

Bidder must have the experience and ability to support fast track delivery of this project. See below for specific skills required for the individual items in the bid package.

### Risks Associated with this Package:

Work must be completed within the time frames established.

Liquidated damages *apply up to \$5,000/day*.

### Experience and Licenses Required:

Work must be provided by a firm that has an active license to provide these services in the state of Florida and Miami-Dade County, as required.

Subcontractor shall be responsible for obtaining and paying for all licenses, bonds, etc. required to do work in the municipality in which this project is being constructed.

### Schedule/Performance and Manpower Requirements:

Bidder must have adequate resources to immediately start work upon award and proceed with construction at an accelerated pace. Bidder must be able to immediately accommodate any emergency situations that could arise during the performance of the work.

Participants in this package must be responsive to the Prime's direction and schedule needs and must be flexible to provide resources as needed and when needed.

Estimated Project Start Date: January 2016.

Project Completion Date: November 15, 2016.

**Insurance Required:**

Bidder must provide a **Certificate of Insurance (COI)** with their proposal. Your COI shall match the Sample Certificate of Insurance included with this bid invitation, no exceptions. All endorsements, additional insured, coverage limits, etc. must meet the requirements in the Standard Subcontract Agreement, Meridian General Conditions and Owner Contract Agreement. Proposals will be disqualified if this is not received by the bid due date.

- a. General Liability Additional Insured Endorsement must be ISO CG2010 (11/85).
- b. **\$4,000,000 Excess Umbrella is required for subcontractors by master owner contract agreement.**
- c. *Excess Umbrella must follow form of the underlying policies.*

**Bonding required:**

A payment and performance bond will be required in the amount of the contract (from an A rated size VIII or better).

Additional bonds may be required by the County or other authority having jurisdiction over the work.

**Contracting Required:**

Bidder must be able to execute the Standard Subcontractor Agreement with no exceptions.

Bidder must have home office support that can maintain reporting requirements of the Construction Manager (SBD and Safety).

Bidder must have a clean record with regards to legal claims and OSHA safety violations.

**Programs:**

**SBD:** The project aspires to utilize as many local SBE-C firms as reasonably practical.

**Confidentiality:**

By responding to this project, the Subcontractor AGREES that all information contained herein is CONFIDENTIAL information. This confidential information received by Bidders cannot be delivered to OTHER Developers, Contractors, or Subcontractors. Only DIRECT communication from the Bidder receiving the RFP maintains the confidentiality of this information. If the confidentiality is breached, the Bidder is subject to elimination from the Project. Bidder will be required to sign a **Tier 2 Confidentiality Agreement** prior to receiving any information about this project.

**Project Documents:**

- FedEx Prototype Drawings, Sheets C-1, A-1, A-2, A-2.1, A-3, A-3.1, A-4, A-5, A-7, T-1, D-1, D-2, D-3, D-4, D-5, & D-6, DA-1, and E-1 dated March 3, 2015 as prepared by FedEx Ground Package System, Inc.
- Standard Specifications, dated January 31, 2015, as prepared by FedEx Ground.
- Civil Drawings, Sheets C-1.0 through C-30 dated October 16, 2015 as prepared by Langan Engineering.
- Geotechnical Engineering Report dated September 24, 2014, as prepared by Terracon Consultants, Inc.

## Bid Package Line Items

**Earthwork, Site Utilities, Bituminous Asphalt Paving:** This work is all on the critical path of the schedule and needs to be done at an accelerated pace to meet the project completion date. All earthwork, site utilities, and Bituminous Asphalt Paving are to be done by a single subcontractor for efficiency, coordination, and to accommodate the schedule. The existing site conditions are unique and require experience with high ground water and rock excavation. This requires a large firm with a large fleet of equipment, a large workforce, and the financial stability to support this type of work at an accelerated pace. We do not recommend this work be done by a SBE-C Firm.

**Fencing:** This work requires equipment furnished by Tymetal Corporation for the overhead sliding truss gate, turnstiles, and barrier arms. The subcontractor installing the equipment must have experience installing the Tymetal equipment will be required to install all controls and low voltage wiring for a functional system. We do not recommend this work we done by a SBE-C Firm. However, the project requires interior and exterior chain link fencing that can potentially be assigned to a SBE-C Firm.

**Landscaping & Irrigation:** This work can potentially be assigned to a SBE-C Firm.

**Concrete & Tilt Wall:** This work is on the critical path of the schedule and needs to be done at an accelerated pace to meet the project completion date. All concrete work is to be performed by a single subcontractor that has a large fleet of equipment and a large workforce to keep up with the schedule. We do not recommend this work be done by a SBE-C Firm.

**Structural Steel:** This work is on the critical path of the schedule and needs to be done at an accelerated pace to meet the project completion date. The work must be done by a large subcontractor who has the resources to fabricate, deliver, and erect all steel at an accelerated pace without interruption. We do not recommend this work be done by a SBE-C Firm.

**Roofing:** This work is on the critical path of the schedule and needs to be done at an accelerated pace to meet the project completion date. The work must be done by a large subcontractor who has the resources to furnish and install the insulation and TPO roofing at an accelerated pace without interruption. We do not recommend this work be done by a SBE-C Firm.

**Canopies:** The canopy system for this project is from a specific vendor that has been previously approved and installed on other FedEx Ground projects. Therefore, we do not recommend this work be done by a SBE-C Firm unless.

**Painting:** The interior painting can potentially be assigned to a SBE-C Firm. The exterior painting must be done by a subcontractor with prior experience painting concrete buildings using a product approved by FedEx with an extended warranty. We do not recommend the exterior painting be done by a SBE-C Firm.

**Framing, Drywall, ACT, and Rough Carpentry:** This work is on the critical path of the schedule and needs to be done at an accelerated pace to meet the project completion date. We also require all this work to be done by a single subcontractor. Therefore, we do not recommend this work be done by a SBE-C Firm.

**Finish Carpentry / Millwork:** The millwork for this project is unique to FedEx Ground and requires specific materials, means and methods, etc. This work should be provided by a subcontractor that

has furnished and installed millwork on other FedEx Ground projects. We do not recommend this work be done by a SBE-C Firm.

**Flooring:** This work requires experience installing specific products as listed in the FedEx drawings and specifications. We require the installer to have prior experience installing the specified materials. Therefore, portions of this work can potentially be assigned to a SBE-C Firm.

**Interior Concrete Sealer:** This work requires experience installing specific products as listed in the FedEx drawings and specifications. The installer must demonstrate prior experience installing the specified materials. This work can potentially be assigned to a SBE-C Firm.

**Overhead Doors:** This work requires specific equipment from a single manufacturer that operates via national account. Installation is contracted direct by the specified manufacturer. We do not recommend this work be done by a SBE-C Firm.

**Glazing:** The Glazing work must be done by a single subcontractor. This work can potentially be assigned to a SBE-C Firm.

**Doors, Frames, and Hardware:** The final cores and keying must be provided by a specified vendor per FedEx specifications. The installation of doors and hardware should be done by the same contractor installing the finish carpentry. The doors, frames, and hardware are to be furnished by a single vendor. Portions of this work can potentially be supplied by a SBE-C firm.

**Dock Equipment:** This work must be furnished and installed by a specified vendor. Therefore, we do not recommend this work be done by a SBE-C Firm.

**Toilet Accessories, Partitions, and Window Blinds:** This work is typically furnished by various vendors and installed by various subcontractors. Portions of this work can potentially be done by a SBE-C Firm.

**Signage:** The exterior signage must be furnished and installed by a specified vendor. The interior signage is a small amount of work in comparison to the exterior signage. Therefore, we do not recommend this work be done by a SBE-C Firm.

**Offsite Road Improvements:** This work includes road improvements and traffic signal improvements at multiple intersections in the surrounding area. The work is to be done by a single subcontractor that can perform all work in multiple trades including earthwork, site utilities, traffic control, concrete pavement, asphalt pavement, traffic signals, signage, etc. The work will require a subcontractor with proper credentials to work on the public roadways and capable of providing a bond as required. We do not recommend this work be done by a SBE-C Firm.

**General Conditions:** This must be done by the General Contractor. This work cannot be done by a SBE-C Firm.

## ***Specific Inclusions:***

### **EARTHWORK, SITE UTILITIES, BITUMINOUS ASPHALT PAVING:**

1. Subcontractor shall furnish, install and maintain all stormwater Best Management Practices (BMP's) as required per the SWPPP, Soil Erosion and Sediment Control Plans, Specifications, and permits to complete this scope of work throughout the duration of the project. This includes but is not limited to existing/relocated tree protection fencing, construction entrances, silt fence, temporary seeding, vegetative matting, coir baffles, skimmers, swales, check dams, rip rap, inlet protection, discharge points, or other BMPS as required.
2. Subcontractor shall provide dust control for their work. Subcontractor shall provide a water truck as necessary.
3. Subcontractor shall temporarily stabilize any disturbed areas or stockpiles that have no work planned for over 14 days.
4. Subcontractor shall furnish, install and maintain two temporary stone construction entrances.
5. Subcontractor shall furnish, install, maintain and remove all silt fence.
6. Subcontractor shall provide water filtration or treatment as required by the General NPDES permit for dewatering operations being performed by this Subcontractor.
7. Subcontractor shall comply with SWPPP and Soil Erosion and Sediment Control Plans requirements of the project SWPPP and NPDES permit in addition to all requirements state, federal or other authorities having jurisdiction.
8. Subcontractor shall furnish and install tree protection fencing for existing trees to remain or be relocated prior to grubbing the site.
9. Subcontractor shall grub entire site removing all existing trees, bushes, grass, etc. from the site.
10. Subcontractor shall remove all existing pavements, sidewalks, identified structures, and underground utilities.
11. Subcontractor shall be responsible for stripping of all topsoil as required to accommodate earthwork operations. Stockpile topsoil as needed for topsoil re-spread or berming.
12. Subcontractor shall re-spread existing soil at all green areas including detention ponds, lawn areas, road right-of-way and any areas requiring topsoil re-spread. Debris, rocks, roots, etc. shall be removed from existing soil to allow for fine grading.
13. Subcontractor shall be responsible for mass grading of the entire site, including all detention ponds, settling basins, swales, ditches, and structural cut and fill areas. All structural fill areas to be compacted to a minimum density of 98% of Standard proctor. Subcontractor shall be responsible for import or export as necessary to provide a balanced site.
14. Subcontractor shall excavate all rock required for mass grading. All rock shall be crushed onsite for use onsite as structural fill, trench backfill, or pavement base. Compacted structural fill shall have fines content < 12% and a maximum particle size < 3" in accordance with the Geotechnical report.

15. Subcontractor shall be responsible to perform all Work related to site work in accordance with the geotechnical engineering study prepared by Terracon Consultants, Inc dated September 24, 2014 (the "Geotechnical Report"). Subcontractor acknowledges that all costs and time considerations necessary to complete the grading and site utilities relative to any subsurface condition identified in the Geotechnical Report have been anticipated and are shall be included.
16. Subcontractor shall proof roll subgrade in conjunction and in accordance with the project materials testing agency requirements prior to making fills on site.
17. Subcontractor shall provide all mechanical drying or soil conditioning required of virgin subgrade to meet compaction requirements and pass proof roll prior to performing structural fills.
18. Subcontractor shall provide all mechanical drying and soil conditioning required of structural fill materials relating to mass grading work to obtain required compaction. After inclement weather, Subcontractor shall recondition all soils as needed prior to continuing with structural fills.
19. Subcontractor shall be responsible for having all pavements and slab subgrade compacted to 98% Standard Proctor at time of turnover to pavement or slab subcontractors.
20. Subcontractor shall redistribute, level, and compact all spoils generated by others during the course of construction (site utilities, interior plumbing, interior column pads, underground electrical, foundations etc.). Spoils from site utilities, foundations, are to be left neatly piled adjacent to the excavation by others. Interior plumbing, interior electric and interior column pier spoils are to be incorporated into balanced cut/fill.
21. Subcontractor shall be responsible for pumping and de-watering as required for this subcontractors work.
22. Subcontractor shall be responsible for an unclassified site, which includes all means necessary to complete the excavation of all materials at the site in the most efficient manner. Unforeseen conditions shall be defined as large buried material not represented in the Soils and Environmental Reports.
23. Subcontractor includes all grading work, including acceptance of the onsite materials as "unclassified", meaning there will be no delay claims or change orders for unsuitable materials or normal weather impacts on soils associated with the earthwork. Unforeseen conditions shall be defined as large buried material not represented in the Soils and Environmental Reports.
24. Subcontractor shall be responsible to perform all Work related to site work in accordance with the geotechnical engineering study prepared by Langan Engineering and Environmental Services, Inc. and dated June 4, 2014 (the "Geotechnical Report"). Subcontractor acknowledges that all costs and time considerations necessary to complete the grading and site utilities relative to any subsurface condition identified in the Geotechnical Report have been anticipated and are shall be included.
25. Subcontractor shall flat roll building pad to minimize exposure to weather and proof roll subgrade prior to the installation of the stone base.

26. Subcontractor shall extend building pad 6' past the building perimeter at on grade conditions.
27. Subcontractor shall cutback building pad at all loading dock locations as required for the digging and installation of concrete building footings installed by others.
28. Subcontractor shall furnish soil near building entry points to backfill perimeter walls after tilt wall bracing is removed. Subcontractor shall work with Concrete contractor to place soil in a location for Concrete Subcontractors use.
29. Subcontractor shall furnish, place and compact 12" thick stabilized sub-base for all bituminous asphalt pavement, concrete pavement including B6-36 curbs, dolly pads and concrete curbs on site. Stabilized sub-base shall have a minimum Limerock Bearing Ratio (LBR) of 40 and shall be compacted to 95% of the material's dry density as determined by ASTM D1557 per FDOT specifications to the thicknesses specified in the Contract Documents.
30. Subcontractor shall furnish, place and compact Limerock LBR 100 base course for all bituminous asphalt pavement, concrete pavement including B6-36 curbs, dolly pads and concrete curbs on site, compacted to 98% max density per ASTM D1557 and per FDOT specifications to the thicknesses specified in the Contract Documents.
31. Subcontractor shall excavate for concrete curbs to subgrade and backfill all curbs.
32. Subcontractor shall be responsible for fine grading of parking lots to  $\pm 0.1'$  to balance prior to start of pavement work.
33. Subcontractor shall grade sub-base in the pitched drive-in area of the building pad to  $\pm 0.10'$  to balance. Fine grading of the sub-grade to provide pitch to drains.
34. Subcontractor shall be responsible for leaving the site in a condition that will allow drainage at the end of each workday.
35. Subcontractor shall cut subgrade for all sidewalks and backfill after sidewalk installation.
36. Subcontractor shall be responsible for providing all layout necessary to complete this work from property lines, building gridlines and benchmarks set by others.
37. Subcontractor shall provide loaded trucks as required to complete all proof rolls.
38. Subcontractor shall demolish and remove all site storm, sanitary, and water as indicated in the Contract Documents. Subcontractor shall backfill excavations in lifts to 98% Standard Proctor as required to perform this work.
39. Subcontractor must anticipate trenching site utilities through bedrock and include all means necessary to do this.
40. Subcontractor should anticipate piping for all site utilities to be below the water table and shall include dewatering or any alternative means to install pipe, make connections, backfill, inspect, etc. in accordance with AHJ requirements and industry standards.
41. Subcontractor shall furnish and install all storm piping including all manholes, frames, grates, concrete flumes and other improvements for storm piping.

42. Subcontractor shall furnish and install rip rap aprons at all FES.
43. Subcontractor shall furnish and install water loop around the building, including connections to existing water lines along 127<sup>th</sup> and 272<sup>nd</sup> Streets. Subcontractor has included all necessary roadway restoration, including landscape, patching, etc. required per the Contract Documents and AHJ. Subcontractor has included all required traffic control measures required by the AHJ.
44. Subcontractor shall furnish and install separate domestic, fire sprinkler and remote fire department connection water lines to the Distribution Building. Subcontractor shall furnish and install all necessary pits associated with/required for the incoming water services. Subcontractor shall furnish and install domestic water meter, (meter by others) domestic RPZ, and domestic water line stubbed into the building to 12" AFF with a blind flange fitting. Subcontractor shall furnish and install fire sprinkler incoming water lines including backflow preventer assembly, fire department connection and piping from building, PIV etc. Fire sprinkler water lines shall be stubbed into the building to 12" AFF with a blind flange fitting. Stub in locations shall be coordinated with the plumbing and fire sprinkler subcontractors.
45. Subcontractor shall furnish and install all fire hydrants, tees, fittings, thrust blocks, gate valves, valve boxes, gaskets, post indicators, pressure taps and other improvements for water piping as shown on the Contract Documents.
46. Subcontractor shall furnish and install all private gravity sanitary sewer piping including all manholes, frames, etc. as shown on the Contract Documents and as otherwise required.
47. Subcontractor shall furnish and install all sanitary force main piping including all manholes, frames pressure taps, etc. as shown on the Contract Documents and as otherwise required.
48. Subcontractor shall install pressure connections if required from the existing sanitary sewer force mains to the tie in of the new sanitary sewer force main.
49. Subcontractor shall furnish and install the sanitary sewer pump station including all precast concrete vaults, lids, covers, access hatch, wet well, pumps, control panel pad, concrete pad for quick disconnect and check valve, pumps, motors, piping, electrical connections, etc including backfill and compacted gravel area for a complete and coordinated sanitary lift station per the Contract Documents.
50. Subcontractor shall be responsible for an unclassified site, which shall include all means necessary to complete the excavation of all materials for installation of site utilities in the most efficient manner to maintain the project schedule at no additional cost. The site is considered unclassified. Subcontractor shall also remove any existing foundations, floor slabs, concrete, etc. as necessary to install site utilities. Unforeseen conditions shall be defined as large buried material not represented in the Soils and Environmental Reports.
51. Subcontractor shall backfill utility trenches in pavement areas with engineered fill thoroughly compacted to a minimum density of 98% of Standard proctor.
52. Subcontractor shall compact backfill outside of paved area to minimum 90% to prevent settlement.
53. Subcontractor shall relocate spoils as required for a complete project.
54. Subcontractor shall adjust all new and existing structures prior to paving and/or final



landscaping.

55. Subcontractor shall be responsible for all testing and certification as required by governing agencies (i.e. TV Test, Air Test, Chlorination, Mandrel, etc.).
56. Subcontractor shall be responsible for providing all layout necessary to complete site utility work from property line, building gridlines and benchmarks set by others. Subcontractor has included all survey and as-built drawings as may be required by applicable governmental agencies.
57. Subcontractor shall furnish and install an FDOT approved mix design for all Heavy Duty and Light Duty asphalt pavements. Mix designs must meet the approval of Meridian Design Build, Engineer of Record, and FedEx Ground.
58. Subcontractor shall furnish, place and compact bituminous binder course to the thicknesses and densities as specified in the Contract Documents.
59. Subcontractor shall sweep binder course, as well as furnish and apply tack coat prior to placing surface course.
60. Subcontractor shall furnish, place and compact bituminous surface course on the parking lot to the thicknesses and densities as specified in the Contract Documents.
61. Subcontractor shall furnish and install seal coat at the Tractor Parking Area.
62. Subcontractor shall furnish and install permanent pavement striping and traffic markings after surface course in quantities and locations as indicated on the drawings. It will be the responsibility of this subcontractor to verify the pavement marking color requirements with the local jurisdiction.
63. Subcontractor shall furnish and install all onsite and offsite parking lot/traffic control signage in the quantities indicated on the Contract Documents. These signs shall not sink or settle and must remain true and plumb. Signs shall be mounted to 2" galvanized pipe posts.

#### **FENCING:**

1. Subcontractor shall furnish and install all exterior chain link fence. All chain link fencing shall be 8'-0" tall galvanized chain link fence with an additional 1' tall three (3) levels of barbed wire shall be installed around the perimeter of the building. Exterior chain link fence shall be installed as follows and as indicated on the Contract Documents:
  - Fabric: 2" mesh, 9 gauge wire, galvanized
  - Top Rail: 1.66" O. D. Schedule 40 galvanized steel pipe
  - Brace Rail: 1.66" O. D. Schedule 40 galvanized steel pipe
  - Line Posts: 2.375" O. D. Schedule 40 galvanized steel pipe
  - Terminal Posts: 4" O. D. Schedule 40 galvanized steel pipe
  - Corner Posts: 2.875" O. D. Schedule 40 galvanized steel pipe
  - Tension Wire: 7 gauge bottom coil wire
  - Tie Wire: 9 gauge
  - Hog Rings: 12 gauge
  - All posts to be installed in concrete footings
    - Line Posts 12" Dia. X 36" depth.

- Corner and Terminal Posts 12" Dia. X 42" depth.
    - Gate Posts 24" Dia. X 48" depth
  - Subcontractor shall level and spread the footing spoils around the excavation in a smooth level manner to allow proper installation of the landscape material.
2. Subcontractor has included furnishing and installing the following manual lockable gates:
    - 24' wide X 8' tall galvanized double swing gate with 1' of three (3) levels of barbed wire at the north end of the site where the auto lot connects with the truck lot. Subcontractor includes furnishing and installing Miami-Dade County Fire & Rescue approved Knox padlock for emergency vehicle gate access.
  3. Subcontractor shall furnish and install security turnstile with personnel gate by Tymetal, including all related equipment and controls as detailed on the Contract Documents. Turnstile with personnel gate shall be galvanized.
  4. Subcontractor shall furnish and install an emergency access pedestrian gate with Knox box, as detailed on the Contract Documents. Emergency access pedestrian gate shall be galvanized. Final location shall be confirmed with Miami-Dade County.
  5. Subcontractor shall furnish and install an overhead truss gate by Tymetal at the entry drive. The gate shall have a 30'-0" clear opening, unless noted otherwise. Truss gate shall have a galvanized finish.
  6. Subcontractor shall furnish and install a motorized gate operator for the overhead truss gate including all equipment, devices, and "wind package" as called for in the Contract Documents. Digital keyless-entry pedestal, push-button controls, photo eyes and loop detectors are part of this work.
  7. Subcontractor shall furnish and install two motorized barrier arm gates at entry/exit drive plus all associated controls and control wiring.
  8. Subcontractor shall furnish and install low voltage wiring and final connections to sliding gate operator, barrier arms, and entry system to provide a complete operating system. Subcontractor shall provide final connections of line voltage provided by others.
    - a. Install loop detector and control wire to operator.
    - b. Install photo eyes and control wire to operator.
    - c. Install control wire from Security Building to gate operator, pedestal with intercom and keyless entry and barrier gates.
    - d. Subcontractor has included furnishing and installing the necessary underground conduit under the pavement complete with compacted backfill for interconnection wiring between all components of the gate system.
    - e. Furnish and install Miami-Dade County Fire & Rescue Knox Box key access on the gate motor as approved by Miami-Dade County Fire & Rescue to a) allow the gate to stay open if the Knox key is turned in one direction and b) close behind the fire truck access if the Knox key is turned in the other direction.
    - f. Provide final connections and commissioning to ensure proper operation of gate per the contract documents.
  9. Subcontractor shall furnish and install concrete pads for the following:
    - a. Three (3) pedestals for the gate key pads
    - b. One (1) pad for the gate operator
    - c. Two (2) pads for barrier arms.

10. Subcontractor shall furnish and install an interior lift out guard rail as indicated on the contract drawings.
11. Subcontractor shall furnish and install an exterior guard rail as indicated on the contract drawings.
12. Subcontractor shall furnish and install an exterior FDOT Index 400 guardrail.
13. Subcontractor shall furnish and install all Interior Chain Link Fence Enclosures as listed below:
  - a. Waiting Package Cages (3 EA): Supply and install 8'-0" high chain link fence with two (2) 36" (6'-0" total) wide lockable double gates in Distribution Area as noted on the Plans. The fence shall be 9-gauge galvanized steel.
  - b. Records Storage Cage (1EA): Supply and install 8'-0" high chain link fence with one (1) 48" wide, lockable gate in Distribution Area as noted on the Plans. The fence shall be 9-gauge galvanized steel.
  - c. Spare Parts Cage (1EA): Supply and install 8'-0" high chain link fence with two (2) 48" (8'-0" total) wide, lockable, double gates in Distribution Area as noted on the Plans. The fence shall be 9-gauge galvanized steel.
  - d. Special Handling Area Cage (1EA): Supply and install 8'-0" high chain link fence with one (1) 48" wide gate in Distribution Area as noted on the Plans. The fence shall be 9-gauge galvanized steel.
  - e. Maintenance Cage (1EA): Supply and install 8'-0" high chain link fence with two (2) 48" (8'-0" total) wide, lockable, double gates in Distribution Area as noted on the Plans. The fence shall be 9-gauge galvanized steel.
  - f. Switchgear Cage (1EA): Supply and install 6'-0" high chain link fence with two (1) 36" wide, lockable gates in Distribution Area as noted on the Plans. The fence shall be 9-gauge galvanized steel. Gates shall include panic hardware compatible with Schlage SFIC key cores and a metal plate to prevent intrusion.
  - g. All cage gates listed above shall include a lever style lockset compatible with Schlage SFIC key cores and a metal plate to prevent intrusion.
14. Subcontractor shall furnish and install all Interior Chain Link Fence Enclosures unless noted otherwise and be installed as follows and as indicated on the contract documents:
  - Fabric: 2" mesh, 9-gauge galvanized steel
  - Top Rail: 1.66" O. D. Schedule 40 galvanized steel pipe
  - Brace Rail: 1.66" O. D. Schedule 40 galvanized steel pipe
  - Line Posts: 2.375" O. D. Schedule 40 galvanized steel pipe
  - Corner Posts: 2.875" O. D. Schedule 40 galvanized steel pipe
  - Tension Wire: 7 gauge bottom coil wire
  - Tie Wire: 9 gauge
  - Hog Rings: 12 gauge
  - All posts are to be welded to plates and anchored to the floor with expansion anchors

#### **LANDSCAPING & IRRIGATION:**

1. Subcontractor shall provide tree protection fencing around existing trees to remain and existing trees to be transplanted.
2. Subcontractor shall transplant existing trees shown to be relocated onsite. Transplanted material shall have a 1 year warranty.
3. Subcontractor shall furnish and install all landscape sod, plantings, littoral plantings, trees

and shrubs as indicated in the Contract Documents, and as outlined below.

4. Subcontractor shall fine grade the site soil, placed by others, including raking, disking, and debris removal as necessary to complete work included in this Subcontract. Subcontractor has included regrading as necessary to properly spread the spoils generated by the Fencing Subcontractor associated with the Fencing Subcontractors installation of fencing post foundations. Final grading soil grading shall be no less than 2" below the bottom of the chain link fence. Fine grading of the site soil does not include importing of any needed fill.
5. Subcontractor shall be responsible for weed removal, treatment, or mowing associated with preparing the soil for landscaping work.
6. Subcontractor shall be responsible for removing all silt fencing and tree protection fencing at the end of the project and repairing the soil and turf.
7. Subcontractor shall be responsible to ensure that all trees are planted plumb and remain plumb throughout the warranty period; stake trees if necessary.
8. Subcontractor shall be responsible for watering and maintaining all plantings until they are fully established or accepted by the landscape architect.
9. Subcontractor shall furnish and install all mulch, water trucks, equipment, and all other landscaping material as required to complete this project. Preparation of planting beds prior to plant installation shall be included.
10. All landscape plantings shall be first quality material.
11. Subcontractor shall be responsible for watering of site during the landscaping installation.
12. Subcontractor has included the necessary clean-up of existing landscape materials from the property lines to the adjoining back of curb or existing fence lines. Scope of work includes removal of existing weeds and not applicable landscape material along with installation of sod where/if necessary to provide a complete, fully integrated landscaping project from edge of pavement to existing fence lines.
13. Subcontractor shall furnish and install blended plant material backfill as denoted on the Contract Documents.
14. Subcontractor shall design, furnish, and install all underground piping, sprinkler heads, and valves to properly irrigate all landscaping. This includes PVC sleeves at all paved and curbed area for irrigation lines. Sleeves shall be properly backfilled and compacted with soil material. Sleeves shall be installed deep enough that they will not be damaged during the course of final subgrading.
15. Subcontractor shall furnish and install control box and booster pump, RPZ/backflow preventer (if required by code), and all supplemental plumbing work to institute a completed code-compliant lawn sprinkler system.
16. Lawn irrigation controller and pump station shall be installed in weatherproof enclosures. Subcontractor to program and activate controller.
17. Subcontractor shall be responsible for fully coordinating lawn sprinkler design with Landscape Plan. Subcontractor shall submit calculations and other documentation to verify

that the system is adequately designed.

18. Subcontractor shall be responsible to apply for and obtain all the applicable governmental permits/approvals to use the storm water within the wet detention pond for lawn irrigation of the landscape material. Permit costs shall be paid by others or via a change order at the election of Contractor.
19. Subcontractor shall provide sixty (60) days of Landscape and Lawn Irrigation maintenance from project acceptance by Owner. Such Maintenance shall include, but not be limited to watering of grass, watering of plants, fertilizing, weed control, mulching, trimming/cutting, edging, pruning, lawn sprinkler head adjustment/replacement and other items generally associated with landscape and lawn maintenance.
20. Subcontractor shall provide sixty (60) days of landscape maintenance for the native littoral planting areas in the detention pond for project acceptance by Owner. Maintenance shall include, but not be limited to watering, fertilizing, weed control, herbicide application, over seeding, mowing, burning, and other items generally associated with littoral landscape maintenance.
21. The design consultant responsible for the landscape design shall inspect the landscaping, planting, lawn, and pond areas near the end of the maintenance period and prepare a list of items to be corrected by the Subcontractor relative to the installation and maintenance of the landscaping and lawn areas (The "Landscape Punch list").
22. Subcontractor shall warranty all work including all planting, seed growth, etc. for a period of one (1) year from Date of Acceptance by the Owner. Subcontractor agrees to monitor landscaping and inform Tenant, Owner and Contractor if the landscape and lawn irrigation is not being properly maintained
23. Subcontractor shall be responsible for visiting the site throughout the course of the warranty period to verify that landscaping and lawn irrigation is receiving proper maintenance. Subcontractor shall be responsible for notifying Contractor's Project Management immediately in writing if they feel that the landscaping is not receiving proper maintenance. Warranty shall remain in effect provided proper maintenance is resumed within a fifteen (15) day period following this notification.
24. Subcontractor shall be responsible for coordinating a meeting with Contractor, the Landscape Architect, and the Owner at the end of the warranty period during which a warranty landscape punch list will be generated. Subcontractor shall replace or supplement any plantings or lawn areas that have been deemed as unhealthy or dead.
25. Timing of replacement work shall be as requested by Contractor. Replacement material shall include a one (1) year warranty from date of replacement.
26. Subcontractor shall furnish a one (1) year (or longer if called for in the above referenced documents) guarantee on all labor and materials furnished for this project on Contractor's standard guarantee form. Copies of any extended manufacturer's guarantees/warranties shall also be provided at project completion.

#### **CONCRETE & TILT WALL:**

1. Subcontractor shall furnish and install all perimeter formed footings, thickened formed footings, and stepped footings for Distribution Center facility including but not limited to all

excavation, rebar, and concrete. All footing spoils shall be neatly placed adjacent to footing outside of building pad for removal by others. Footings shall be wood formed framed based on local municipality requirement. Wood forming is to be eliminated if allowed by the authority having jurisdiction.

2. Subcontractor shall receive, store, and set all foundation to tilt wall and steel connection embeds for tilt wall concrete panels. The tilt wall embeds shall be furnished by others.
3. Subcontractor shall furnish and install all applicable panel to panel embeds and associated steel to connect panel embed to embed per structural design.
4. Subcontractor shall furnish and install all wood framed interior column footings, including but not limited to all excavation, rebar, and concrete. Subcontractor shall load spoils and haul to an area designated on-site by Contractor's onsite Superintendent. Subcontractor shall take precautions as necessary to ensure that any excavation work is completed in a manner that protects the pad from contamination. Spoils shall be knocked down and compacted by others.
5. Subcontractor shall spray termite pesticide on all perimeter foundation trenches and under all concrete floor slabs.
6. Subcontractor shall furnish and install all specified rebar.
7. Subcontractor shall install all anchor bolts and setting plates at interior column footings. Anchor bolts and setting plates shall be supplied by others.
8. Subcontractor shall furnish and install grout below all column setting plates.
9. Subcontractor shall place, and compact all dock wall, perimeter foundation and column pier backfill. Onsite backfill material shall be provided by grading contractor at a location outside drive doors and dock door openings. Subcontractor shall load and haul spoils inside the building for Subcontractor's backfilling and compacting operations. Subcontractor shall place LBR 40 spoil material in the top 12" of backfill.
10. Subcontractor shall fine grade Limerock LBR 100 base course provided +/- 0.10' by earthwork contractor.
11. Subcontractor shall furnish and install 8" thick macro fiber reinforced (5#/CY) concrete truck apron, using 4,000 psi air entrained concrete and a broom finish. Subcontractor shall install trailer wheel guard in the concrete apron. Trailer wheel guard shall be provided by others.
12. Subcontractor shall furnish and install 8" thick macro fiber reinforced (5#/CY) concrete drive-in door aprons, using 4,000 psi air entrained concrete and a broom finish.
13. Subcontractor shall furnish and install 8" thick macro fiber reinforced (5#/CY) concrete dolly pads, using 4,000 psi air entrained concrete and a broom finish.
14. Subcontractor shall furnish and install all B6-36 Fed Ex truck curb and gutter with rebar as noted on the Contract Documents.
15. Subcontractor shall furnish and install Type D curb at the perimeter of pavements where meeting landscape areas.

16. Subcontractor shall furnish and install poured generator pad.
17. Subcontractor shall furnish and install poured transformer pad.
18. Subcontractor shall furnish and install 4" concrete sidewalks including a sidewalk at pedestrian turnstile and gate adjacent the Security Building.
19. Subcontractor shall furnish and install exterior man door concrete stoops.
20. Subcontractor shall furnish and install specified curing compound and sealer on all exterior concrete.
21. Subcontractor shall furnish and install a 4,000 psi concrete slab-on-grade, 6" thick at Distribution Areas including pour back strip, and 4" thick at Office Areas. All floor slabs shall be reinforced with 5 lb/CY of macro fibers. Floor slab at van staging area shall be sloped as detailed on the Contract Documents. Pumping of floor slab ready mix is included, but at subcontractor's option.
22. Subcontractor shall furnish and install a wet cure per the Fed Ex specifications. An alternate dissipative curing compound for slab on grade work may be considered as an alternate.
23. Subcontractor shall furnish and install a hardener-densifier (Ashford Formula) on all interior concrete floor slabs, not receiving a final floor covering, as called out in the Fed Ex specifications.
24. Subcontractor shall grade sub-base on building pad to provide pitch as required for trench drains, from a subgrade +/- .10' to balance.
25. Distribution Area slab on grade shall meet or exceed overall FF=45 & FL=34; with a local FF=21 & FL=15.
25. Distribution area, Office Areas slab on grade shall receive a burnished steel trowel finish per the Fed Ex Specification.
26. Subcontractor shall include excavation and placement of all thickened slabs including related excavation and rebar in the Distribution Area as shown on Contract Documents. Spoils shall be located near excavation or moved to an area designated by the onsite building excavator on-site.
27. Subcontractor shall furnish and install pre-molded expansion joint at perimeter slabs, exterior walls and columns where shown. Pre-molded expansion joint to be glued directly to columns to minimize gaps.
28. Subcontractor shall provide diamond isolation joint at each column as shown on the Contract Documents. Diamond isolation joints must be poured separate from the surrounding floor pour.
29. Subcontractor shall provide reinforcing and concrete for the interior and exterior trench drains. Coordinate with Plumbing/Site Utility Contractor.
30. Subcontractor shall furnish and install plastic Vapor Barrier at all Office Areas.
31. Subcontractor shall install code compliant termite treatment throughout the entire building

foot print.

32. Subcontractor shall furnish and install diamond dowels at construction joints.
33. Subcontractor shall furnish and install a housekeeping pad for the electrical switchgear.
34. Subcontractor shall furnish and install column encasements in the Distribution Area, to 3' AFF and 18" diameter. Subcontractor has included furnishing and installing applicable forming material as the steel encasement will not be provided.
35. Subcontractor shall install all embedded steel items as required for the installation of the loading dock equipment. Steel items shall be furnished by others.
36. Subcontractor shall install all interior and exterior 6" diameter concrete filled pipe bollards as shown on the Contact Documents. Bollards shall be supplied by others. Concrete and excavation shall be supplied by this Subcontractor. Crown shall be finished in a smooth and uniform manner. Bollards around building will include fire hydrant protection bollards.
37. Subcontractor shall submit mix designs for all concrete used on this project. This shall include foundation and slab on grade mix designs. These mix designs shall be approved by the Engineer of Record of the project.
38. Subcontractor shall not use fly ash in excess of the FedEx Ground specification limit of 15% (Section 3.12) or calcium chloride unless approved by written consent from Contractor and the Structural Engineer the Structural Engineer.
39. Subcontractor shall include all rain-water pumping as required for this Subcontractor's work in the foundation trench or tilt wall panel forms.
40. Subcontractor shall provide all necessary labor, materials, tools and equipment to furnish and install all tilt panel concrete walls in accordance with drawings and specifications.
41. Subcontractor shall furnish 7.25" thick tilt wall panels with a flat finish and accent reveals, as indicated on the Contract Documents. Typical panels are 24'-0" wide except where noted on Contract Documents. Backs of panels are to receive a trowel finish. Panel exterior shall be texture paint ready. Washing of panel surface for stain or coatings is by others.
42. Subcontractor shall install all embedded items that are cast into tilt wall panels, including, but not limited beam pockets, joist and girder seats, and perimeter angle.
43. Subcontractor shall include all chamfered edges and reveals as shown on the architectural drawings.
44. Subcontractor shall furnish and install backer rod and caulking at all Tilt Wall interior and exterior panel joints, to include parapet wall and top of tilt wall to prevent condensation from running in Tilt wall panel joint.
45. Subcontractor shall set and cast hollow metal door frames (provided by others) in exterior tilt wall panels prior to concrete pours.
46. Subcontractor shall furnish and install all required reinforcing in tilt wall panels.
47. Subcontractor shall furnish and install floor tie assemblies at all panels where bottom of panel



is at or below -4'-0". Assemblies shall include all required rebar as indicated on the structural drawings.

48. Subcontractor shall design, furnish, install, and engineer the erection of the tilt wall panels, and shall install and remove temporary pole braces for support of tilt wall concrete panels. This Subcontractor shall be responsible for the design and installation of temporary bracing, as required to withstand all temporary loading including wind loading to meet geographic area requirements (minimum of 72 mph), utilizing as many pole braces per panel as required. Temporary anchors for pole brace connections to floor slab shall be removed and patched with epoxy material in a color to match the floor slab as closely as possible.
49. Subcontractor shall install temporary pole braces anchored to the floor slab as required. If Subcontractor elects to install dead men for tilt wall panels, Subcontractor shall complete all excavation and concrete placement for dead men that are associated with temporary pole braces. Spoils to be cleaned up, loaded into trucks and hauled by Subcontractor to a location outside the building designated by Contractor. Subcontractor shall install top of dead men foundation elevation 6" below sub-grade elevation. Subcontractor shall submit bracing and deadmen plan to the Contractor prior to installation.
50. Subcontractor shall provide cast in drip edges at all punched window openings, man doors, dock doors, drive-in doors, and soffits.
51. Subcontractor shall coordinate with electrical contractor embed electrical conduit as required at each of the dock panels for the dock lights and fans. Conduit shall be furnished and placed by others. Location shall be provided by the electrician.
52. Subcontractor shall install all panel-to-panel weld plates and associated connection steel. Embeds furnished by others.
53. Subcontractor shall furnish and install roof blocking at top of tilt wall panel. 2X pressure treated wood material used in the forming and pouring of the concrete tilt wall panels shall be connected to the top of the concrete tilt wall panel via 1/2" "J" bolts embedded at 4' on center.
54. Subcontractor shall place all concrete scrap in dumpsters provided by Contractor.
55. Subcontractor shall install footing to tilt connection angles furnished by others, shim panels as required, and grout full panel bottoms with concrete. Subcontractor shall furnish and install all anchors between the steel angle and the tilt wall panel / foundation.
56. Subcontractor shall include patching of tilt walls for fine texture paint.
57. Subcontractor shall conceal panel lifting points, pole brace inserts, connections by patching at interior of tilt panel.
58. Subcontractor shall use an approved concrete mix for tilt walls and trowel finish concrete.
59. Subcontractor shall provide concrete pump if needed to place tilt wall concrete.
60. Subcontractor shall be responsible for providing all labor and equipment necessary to safely erect and brace all tilt panels. Subcontractor shall erect Tilt Wall panels with a crawler crane. Contractor shall provide a level subgrade for crawler crane to run on. Contractor shall not provide a haul road around the building, only a level subgrade for subcontractors use.

61. Subcontractor shall be responsible for all layout associated with this scope of work from all building corners, control points and a common finish floor benchmark established by Contractor.
62. Subcontractor shall pump and de-water for rain-water as required for this Subcontractor's work. Discharge water from the project site shall be free of silt and shall meet all the requirements of the SWPPP Plan and all applicable governing agencies.
63. Subcontractor shall furnish and install all temporary casting beds required for the tilt-wall panel casting. All casting beds, that are not the building slab-on-grade, must be fully removed from the site by Subcontractor. Final location of the casting beds shall be coordinated with Contractor.
64. Subcontractor shall prepare and submit shop drawings and samples as appropriate for Contractor's review.
65. Subcontractor provide, maintain, and remove from site concrete washout dumpsters for all work included in this Subcontract. Concrete dumpsters shall comply with SWPPP program set forth for the project.
66. Labor and material pricing shall be good for the entire 2016 construction season.
67. Subcontractor shall furnish a one (1) year (or longer if called for in the above referenced documents) guarantee on all labor and materials furnished for this project on Contractor's standard guarantee form. Copies of any extended manufacturer's guarantees/warranties shall also be provided at project completion.

#### **STRUCTURAL STEEL:**

1. Subcontractor shall provide all necessary labor, materials, tools and equipment to furnish, fabricate, and erect structural steel, joist girders, steel joists, metal roof deck, steel bracing, steel bridging, perimeter angle, and other related work in accordance with the Contract Documents for the Main Distribution Building.
2. Subcontractor shall maintain a 30'-8" clear envelope.
3. Subcontractor shall furnish and install factory primed off-white roof deck.
4. Subcontractor shall furnish and install all perimeter angles welded to the bar joist, panel embeds, and decking as required for a complete structural roof deck system on the project.
5. Subcontractor shall furnish and install expansion joints including modified joist girder design, continuous angle, and all required connections.
6. Subcontractor shall furnish and install moment lines with required connections, plates and welds.
7. Subcontractor shall furnish and install miscellaneous metals, including but not limited to:
  - a. Eight (8) sets of exterior dock stairs with open grate treads and landing and 2-line handrails. All steel for exterior dock stairs shall be galvanized.
  - b. One (1) roof ladder w/ intermediate landing, scuttle, and framing for roof hatch (roof

- hatch by others).
  - c. Roof frames for rooftop mechanical units, exhaust fans, and roof hatch.
  - d. Frames for all roof penetrations contained in the contract documents that exceed 144sq inches.
  - e. Approximately 10 lf of galvanized guardrail at roof hatch.
8. Subcontractor shall be responsible for field measuring for all miscellaneous steel items as necessary to ensure a proper fit.
9. Subcontractor shall furnish only miscellaneous metals, including but not limited to (these materials are to be delivered to jobsite and unloaded at a location designated by Contractor's Site Superintendent):
- a. Pipe bollards (6" diameter x 7'-0" long)
  - b. Pipe bollards (8" diameter x 7'-0" long)
  - c. Column setting plates and anchor bolts.
  - d. Tilt-wall embed plates for joist, girders, panel to panel connections and perimeter angle attachments.
  - e. Clip angles for tilt-wall panel connection to footings with wedge anchors.
  - f. All embed C-channels for edge-of-dock levelers. Channels to be coped to fit tilt wall with two (2) holes drilled at each end.
  - g. All embed angles for dock edge at dock doors.
  - h. Standard trailer wheel guide.
  - i. Embed plates with nelson studs at drive-thru door jambs
10. Subcontractor shall be responsible for delivery and unloading of all miscellaneous metals and coordination of deliveries with Contractor's Site Superintendent. Delivery of materials requested by Site Superintendent shall occur within forty-eight hours of request.
11. Subcontractor shall prime paint all steel, miscellaneous metals, bar joists, and other material supplied under this contract utilizing gray primer in accordance with the project specifications unless specifically scheduled to receive spray on fireproofing.
12. Subcontractor shall include upsizing/reinforcement of any bar joists as necessary to accommodate the roof top equipment and HVLS fans.
13. Subcontractor shall prepare and submit shop drawings and samples as appropriate for Contractor's review.

#### **ROOFING:**

1. Subcontractor shall provide standard manufacturer's fifteen (15) year no dollar limit full system warranty.
2. Subcontractor shall provide Florida Product Approval (FPA) data on all required furnished and installed materials for submittal to and approval by the Architect/Engineer and Authority Having Jurisdiction (AHJ). FPA shall incorporate the structural steel system used for the building along with the wind pressures as outlined on the project structural drawings. Subcontractor shall submit the applicable documentation for Miami-Dade County review and approval once the Architect/Engineer has reviewed the documentation
3. Subcontractor shall be responsible to contract with applicable Florida registered professional engineer to develop advanced roof installation/attachment drawings and calculations for submittal to and approval by the Architect/Engineer and AHJ to accommodate the additional

wind pressures as outlined on the project structural drawings. Drawings and calculations shall be stamped and signed by the Florida registered professional engineer.

4. Subcontractor shall furnish and install all applicable materials in accordance with the approved FPA documents and Florida registered professional engineer's requirements.
5. Subcontractor shall furnish and install a complete 45 mil white TPO mechanically attached roofing system at the Main Distribution Building including but not limited to one (1) layer of 3.5" of poly-isocyanurate insulation for a (minimum of R=20), membrane, and all associated components.
6. TPO membrane shall be extended up the parapet walls and over the top of the 2X wood blocking on the top of the tilt wall panels. Membrane shall be adhered to the parapet walls in accordance with the roof manufacturer and FPA requirements.
7. Subcontractor shall furnish and install tapered insulation for built up roof cricket at roof top mechanical equipment curbs and perimeter scuppers.
8. Subcontractor shall furnish and install all flashing, and coping caps. Subcontractor shall furnish and install flashing and coping caps in accordance with FPA or other AHJ recognized approval agency to meet wind and AHJ requirements. All roof edge facias shall be prefinished 24 gauge galvanized metal with Kynar paint finish. All metal copings, flashing, and trim shall be field measured prior to fabrication. Subcontractor understands the concrete tilt wall panels will be approximately 8-1/2" and 7-1/4" wide around the perimeter of the building with +/- 12" insets and outsets to create architectural relief.
9. 2X pressure treated wood material used in the forming and pouring of the concrete tilt wall panels shall be connected to the concrete tilt wall panel by the tilt wall subcontractor via 1/2" "J" bolts embedded at 4' on center. Roofing Subcontractor has included furnishing and installing additional tapcon style screw anchors as required by the Contract Documents and AHJ (minimum 18" on center) for connection of the 2X wood material to the concrete tilt wall panels for connection of coping materials.
10. Subcontractor shall furnish and install roof expansion joint per the roofing manufacturer's and FPA requirements.
11. Subcontractor shall furnish and install one (1) 2'-6" X 3'-0" Bilco roof hatch with post up feature.
12. Subcontractor shall provide dump boxes for all roofing debris.
13. Subcontractor shall provide any necessary roof access for their own employees and materials throughout the roofing installation process.
14. Subcontractor shall furnish and install flashing for all primary and secondary thru wall roof scuppers. Any ancillary shaving of the roof insulation or crickets needed at the scupper locations to allow for proper roof drainage is included.
15. Subcontractor shall furnish and install flashing and counter flashing for all roof curbs, portals, mechanical and plumbing vents including, but not limited to:
  - RTU curbs
  - Exhaust fan curbs
  - Vent penetrations

- Portals for roof mounted HVAC equipment

16. Subcontractor shall furnish and install all collector boxes, downspouts, and splash blocks. All collector boxes and downspouts shall be prefinished 24 gauge galvanized metal with Kynar painted finish.
17. Subcontractor shall install all downspouts to avoid dock equipment and other obstructions. Necessary downspout offsets are included so downspouts will be located between dock doors. Downspouts shall be a minimum 8" x 8" dimension.
18. All applicable sales and use tax has been included in the contract amount.
19. Subcontractor shall prepare and submit shop drawings and samples as appropriate for Contractor's review.
20. Subcontractor shall furnish a one (1) year (or longer if called for in the above referenced documents) guarantee on all labor and materials furnished for this project on Contractor's standard guarantee form. Copies of any extended manufacturer's guarantees/warranties shall also be provided at project completion.

#### **CANOPIES:**

1. Subcontractor shall furnish and install 5' manufacturer's standard color, prefinished, rolled formed open bottom metal canopy system at Truck Docks and manufacturer's standard color, prefinished, rolled formed open bottom metal canopies above two (2) man-doors similar to Ballews canopy system or approved equal.
2. Subcontractor shall furnish and install one (1) 5' x 5' mandoor canopy at the entrance into the east Office area and one (1) 5' X 5' mandoor canopy into the south Office area.
3. Subcontractor shall maintain a minimum of 12'-0" clearance between finished floor and the bottom of the truck dock canopy structure.
4. All mandoor canopies shall maintain a clearance of 9' above finished pavement to the bottom of the canopy.
5. Subcontractor shall verify that canopy and canopy-to-building anchoring systems conform to all applicable codes and professional engineer's requirements regarding rain and wind loads.
6. Subcontractor shall provide stamped and signed professional engineer shop drawings and calculations for the canopies. Engineer approved shop drawings and calculations shall include dimensional layout of the canopies and structural connections to the concrete tilt wall panels to accommodate the installation of the canopies. Subcontractor shall furnish and provide Florida registered professional engineering drawings and calculations as required by the Authority Having Jurisdiction (AHJ) for the building canopy systems including, but not limited to, detailing the anchoring systems to attach the canopies to the building structure for the AHJ approval that the building canopy system can resist the applicable code required wind, pressure and rain loads.
7. Subcontractor shall furnish and install all gutters, and downspouts at the Dock Canopy. All gutters and downspouts shall be manufacturer's standard colors, prefinished 24 gauge metal.

8. Subcontractor shall install all downspouts to avoid dock equipment and other obstructions. Necessary downspout offsets are included so downspouts will be located between dock doors. Subcontractor shall coordinate roof drain locations with roofing subcontractor's downspout locations.
9. Subcontractor shall install all downspouts as necessary to accommodate code required rainfall intensities and to avoid dock equipment, dock lighting, dock stairs, primary roof drain downspouts and other obstructions.
10. Subcontractor has included installing the dock canopy around the primary roof drain downspouts.
11. Subcontractor shall prepare and submit shop drawings and samples as appropriate for Contractor's review.
12. Subcontractor shall furnish a one (1) year (or longer if called for in the above referenced documents) guarantee on all labor and materials furnished for this project on Contractor's standard guarantee form. Copies of any extended manufacturer's guarantees/warranties shall also be provided at project completion.

#### **PAINTING:**

1. Subcontractor shall furnish and install all necessary labor, materials, tools and equipment to furnish and install all exterior painting, interior painting, and wall coverings for the Distribution Building and Office Area in accordance with the drawings and specifications.
2. Subcontractor shall power wash all exterior tilt wall concrete wall panels to fully remove the form release materials used during the construction and erection of the tilt wall panels. Subcontractor has included all necessary hoses, connection fittings, pumps, pressure washing equipment and form release material remover. Panels shall be fully power washed and allowed to dry prior to the installation of any paint material.
3. Subcontractor shall furnish and install a primer coat of Loxon primer paint material and a minimum of two (2) coats, and as many additional coats as required for adequate coverage, of BASF Thorocoat with fine texture to all exterior exposed concrete tilt wall panels. Subcontractor shall provide a 5 year manufacturer's labor and material warranty on the covering. Labor and material warranty shall include but not be limited to coverage against fading, chalking, peeling, delimitation, etc.
4. Subcontractor shall cover and protect all glass and glazing systems, louvers, overhead doors, and etc. as required to paint the exterior concrete tilt wall panels.
5. Subcontractor to furnish and install all accent colors, striping, etc. as detailed on the contract documents and colored elevations as prepared by Ware Malcomb architects.
6. Subcontractor shall paint a full panel mockup with all project colors to be reviewed and approved by Contractor prior to ordering of tilt wall stain.
7. Subcontractor shall protect all adjacent construction and property from overspray.
8. Subcontractor shall furnish and install one (1) prime coat and two (2) finish coats, or as many additional coats as necessary for adequate coverage, to all interior walls and drywall ceilings

as detailed on the Contract Documents.

9. Subcontractor shall furnish and install one (1) prime coat and two (2) finish coats, or as many additional coats as necessary for adequate coverage, to all demising walls within the facility.
10. Subcontractor shall paint both sides of drywall partitions within the Electrical Room and Fire Pump Room.
11. Subcontractor shall furnish and install one (1) prime coat and two (2) finish coats, or as many additional coats as necessary for adequate coverage, to all Distribution plywood wainscot, Office beadboard wainscot, and chair rail. All wainscot and chair rail shall receive a semi-gloss finish or as indicated in the finish schedule.
12. Subcontractor shall furnish and install one (1) coat of metal exterior primer, two (2) coats minimum of semi-gloss alkyd enamel, and as many additional coats as required for adequate coverage, to the following items:
  - a. Hollow metal door frames
  - b. Hollow metal doors
  - c. Steel pipe bollards; interior and exterior.
  - d. Exterior stair stringers and railings
  - e. Dock sill plates and associated steel and embeds.
  - f. Roof ladder and exterior of roof access hatch.
13. Subcontractor shall furnish and install two (2) coats of Y2 "Yellow" to all concrete column protection and all concrete light pole bases.
14. Subcontractor shall paint all Fire Extinguisher Backgrounds "red" up to +8'AFF.
15. Subcontractor shall include 32 hours of touch-up painting to be used as directed by Contractor Project Manager & Superintendent.
16. Subcontractor shall provide attic stock of all paint used on the project, organized and labeled for turn over to the owner. This material should be left at a location coordinated with Meridian's Superintendent.
17. Subcontractor shall coordinate with all trades, as required, to provide a complete project.
18. Exterior cornice around the building shall be pre-painted and is not included in the painting scope of work.
19. Subcontractor shall furnish a one (1) year (or longer if called for in the above referenced documents) guarantee on all labor and materials furnished for this project on Contractor's standard guarantee form. Copies of any extended manufacturer's guarantees/warranties shall also be provided at project completion.

#### **ROUGH CARPENTRY, FRAMING, DRYWALL, CEILINGS:**

1. Subcontractor shall furnish and install fire treated wood blocking for secure anchoring of all millwork, plumbing fixtures, toilet partitions, toilet accessories, television brackets, window stools, mailboxes, time-clocks, sliding windows, cabinets, and shelving standards.
2. Subcontractor shall furnish and install pre-engineered wood or metal truss system for

Security Building. Trusses to be installed on Tilt Concrete wall panels.

3. Subcontractor shall provide wood framed walls, roof, columns, sheathing, insulation, and cement board siding for the Locker Shelter.
4. Subcontractor shall furnish and install 48" high plywood wainscot on drywall walls along the distribution side of the main office, fire sprinkler room, and remote bathrooms. Include quarter-round at all exposed edges of plywood.
5. Subcontractor shall furnish and install 3/4" A-D, fire-treated plywood equipment boards including but not limited to:
  - 4' x 8' telephone mounting boards
  - 18" x 18" time clock mounting boards
  - 2' x 2' telephone transmitter mounting boards
  - 4' x 8' computer room mounting backboards
6. Subcontractor shall receive, distribute, and install all hollow metal frames, hollow metal doors, hardware, etc., furnished by others. Exterior hollow metal frames in tilt walls installed by others. Aluminum door, frame, and hardware by others.
7. Subcontractor shall furnish and install all gypsum board partitions as detailed for all Wall Types including but not limited to the Main Office, Remote Restroom, Control room, remote office, Fire sprinkler room and Security Building. Include sound and thermal insulation, R-13 fiberglass insulation and 6 mil vapor barrier with taped joints at exterior walls, foil faced rigid insulation board with taped joints above ceiling to deck at exterior Office walls, insulation baffles, fire safing, and fire rated sealants as specified.
8. Subcontractor shall provide all wall layout as required and as required for coordination with other trades.
9. Subcontractor shall furnish and install vertical expansion joints on both sides of wall above all doorframes.
10. Subcontractor shall furnish and install a slip connection with metal angle at all drywall to tilt wall interfaces.
11. Subcontractor shall furnish and install fire safing insulation where required.
12. Subcontractor shall furnish and install any required stud wall bracing.
13. Subcontractor shall furnish and install all drywall ceiling systems with sound insulation as indicated in the Contract Documents.
14. Subcontractor shall furnish and install moisture resistant drywall at all wet walls.
15. Subcontractor shall trim drywall to match deck flutes at all exposed full height drywall partitions and fire caulk as required.
16. Subcontractor shall furnish and install all taping and sanding of all exposed gypsum wallboard in preparation for finish painting or wall covering at all Distribution Area, Main Office, and Remote Restroom partitions as detailed on the Contract Documents.
17. Subcontractor shall furnish and install exposed acoustical ceiling grid system consisting of a standard white T-Bar with 15/16" face as manufactured by USG or approved equal.



18. Subcontractor shall furnish and install standard 15/16" L-shaped wall angle at ceiling to partition terminations.
19. Subcontractor shall furnish and install all acoustical ceiling tiles consisting of 2' x 4' x 5/8" "Radar #2310 Panel", fissured design as manufactured by USG Corporation installed on the 15/16" grid system.
20. Subcontractor shall furnish and install insulation above all acoustical and suspended gypsum board ceilings.

#### **FINISH CARPENTRY / MILLWORK:**

1. Subcontractor shall furnish and install window sills made of primed poplar or similar material approved by Architect at all windows.
2. Subcontractor to furnish and install plastic laminate base cabinet with plastic laminate top and plastic laminate upper cabinets for the General Office 1 corridor. Base cabinet with sink to include ADA accessible doors for full forward access.
3. Subcontractor shall furnish and install 30" wide plastic laminate countertop with two (2) 18" wide shelves, and a 30" wide plastic laminate countertop including all necessary support brackets for Service Manager Check-In Room 5A.
4. Subcontractor shall furnish and install all stainless steel corner posts at countertops.
5. Subcontractor shall furnish and install 12" wide plastic laminate countertop including all necessary support brackets for both Driver Check-In Rooms 6A/6B.
6. Subcontractor shall furnish and install 30" wide plastic laminate countertop including all necessary support brackets for Dock Service Manager Room 7.
7. Subcontractor shall furnish and install 30" wide plastic laminate countertop including all necessary support brackets for P&D Coordinators Room 7A.
8. Subcontractor shall furnish and install 12" wide shelf including all necessary support brackets for Scanner Equipment Room 36.
9. Subcontractor shall furnish and install 18" wide white melamine storage shelves including all necessary support brackets for General Storage Room 9.
10. Subcontractor shall furnish and install all 24" wide plastic laminate countertops and all 12" wide plastic laminate countertop including all necessary support brackets for Distribution side of Main Office demising wall.
11. Subcontractor shall furnish and install all full and half mailbox units, Model 2030 as manufactured by Security Manufacturing Corporation.
12. Subcontractor shall furnish and install 24" wide x 48" long plastic laminate countertop including all necessary support brackets for The Computer Room.
13. All millwork shall be furnished and installed as detailed on the Contract Documents.

14. All exposed sides of the countertops shall be finished with plastic laminate to match the countertop.
15. Subcontractor shall furnish and install quarter-round wood mounding at the back of all countertops.
16. All laminate selections shall be selected by the Owner, using major manufacturer's brand of laminate.
17. Subcontractor shall furnish and install all hardware and countertop grommets necessary for proper installation.
18. All tax, freight, delivery, and unloading of millwork shall be included in this Subcontract.
19. Subcontractor shall furnish wainscot and chair rail as indicated on Contract Documents.
20. Subcontractor shall furnish and install lockers for locker shelter.
21. Subcontractor shall include all labor expenses through 2016.

#### **FLOORING:**

1. Subcontractor shall furnish and install all flooring as called out on the Contract Documents for the Main Distribution building and Security Building. Scope of work shall include, but not be limited to, all VCT, carpeting, rubber flooring, ceramic tile, and vinyl base. Vinyl base is included on exterior side of demising walls and remote restroom and office walls.
2. Subcontractor shall furnish and install all adhesives for installation of all Vinyl base, VCT, rubber, SDT and non-VCT flooring.
3. Subcontractor shall furnish and install reducers and nosing at transitions between VCT and concrete floor areas, and between VCT and ceramic tile.
4. Subcontractor shall furnish all materials and labor for complete floor preparation prior to installation of resilient flooring and rubber flooring.
5. Subcontractor shall furnish and install all ceramic floor and wall tile as called out on the Contract Documents. Scope of work shall include but not be limited to all ceramic floor and wall tile, ceramic base tile, accent tile, trim tile, and bull nose tile.
6. Subcontractor shall install epoxy grout for ceramic floors and walls as indicated on the Contract Documents.
7. Subcontractor shall furnish and install all adhesives for installation of all ceramic tiles.
8. Subcontractor shall furnish all materials and labor for complete floor preparation prior to installation of ceramic flooring.
9. Subcontractor shall furnish and install crack isolation membrane as required for ceramic flooring.

## **INTERIOR CONCRETE SEALER:**

1. Subcontractor shall furnish all materials and labor for complete floor preparation prior to installation of floor sealer. This includes power sweeping, removal of oil and other deleterious material, scrubbing, etc.
2. Subcontractor shall perform moisture test prior to installing floor sealer.
3. Subcontractor shall furnish and install floor sealer to all floors not receiving an architectural floor covering in the Main Building. Floor sealer shall be Ashford Formula as manufactured by Curecrete. Subcontractor shall ensure floor hardener/sealer/densifier is applied in strict accordance with the manufacturer's published directions for use and application.
4. Subcontractor shall verify that concrete is clean, dry, and free of all loose dirt, oil, curing compounds, parting compounds, and other foreign matter before applying floor sealer.
5. Subcontractor shall protect all adjacent flooring and wall finishes before and during work.
6. Subcontractor shall remove and properly dispose of all excess material after work is complete.
7. Subcontractor shall provide submittals and O&M manuals for the product being used.
8. Subcontractor shall ensure the hardener densifier used is compatible with the concrete curing compound being used by the Concrete subcontractor.

## **OVERHEAD DOOR:**

1. Subcontractor shall furnish and install all overhead doors and shall meet all the requirements of Section 8.4 for the FedEx Ground Standard Specifications for Manual & Automated Build-to-Suit Stations.
2. Subcontractor shall furnish and install all overhead dock doors and drive-in doors in accordance with the approved corresponding Florida Product Approval (FPA) submittals and design wind pressures and inspect the resistance. FPA documentation shall be provided with product submittals as required.
3. Subcontractor shall furnish and install all 8'-2" x 9'-1" sectional overhead dock doors. Each overhead door shall have a minimum of the following:
  - a) Heavy duty, 24 gauge, .016" steel face sheeting on the interior and exterior of door, hot dipped galvanized.
  - b) One (1) standard window light, mounted on right hand side of door when viewed from inside of building which must have impact resistance as required by code.
  - c) Perimeter weather stripping
  - d) 10,000 cycle springs
  - e) 2" x 2" x 3/16" continuous step angle located at the bottom of the door and attached to the interior surface

4. Subcontractor shall furnish and install all 14'-2" x 16'-1" motor operated drive in doors. Each drive in door shall have a minimum of the following:
  - a) Heavy duty, 24 gauge, .016" steel face sheeting on the interior and exterior of door
  - b) One (1) standard window light, mounted on right hand side of door when viewed from inside of building with impact resistance as required per code.
  - c) RSX Commercial operator
  - d) Perimeter weather stripping
  - e) 3" heavy duty track
  - f) 100,000 cycle springs
  - g) 2" x 2" x 3/16" continuous step angle located at the bottom of the door and attached to the interior surface
  - h) Interior and Exterior 3-Button controls with interior lever type switch (model ZB5AK1243) to lock out door controls
  - i) Photocell safety controls
  - j) Pneumatic reversing safety edge
  - k) Interior / Exterior traffic control lights
5. Subcontractor shall mount all doors directly to the concrete tilt wall panels. Additional support shall be provided by this Subcontractor as required.
6. Subcontractor shall install caulk between the door track and concrete tilt wall panels if necessary to eliminate visible gaps.
7. Subcontractor shall furnish and install all materials, labor, and equipment as required to provide a complete system that meets or exceeds all governing code requirements and all requirements set forth by the Contract Documents.
8. Subcontractor shall include all labor expenses through 2016.
9. Subcontractor shall mount all door controls and include all low voltage control wiring to make drive-in doors fully operational.

**GLAZING:**

1. Subcontractor shall provide shop drawings, samples of aluminum, glazing, breakmetal, and detailed specifications for final approval by Architect.
2. Subcontractor shall provide Florida Product Approval (FPA) data on all required furnished and installed materials for approval by the Architect and Authority Having Jurisdiction.

3. Subcontractor shall furnish and install all applicable materials in accordance with the approved FPA documents and the wind and impact resistance as required by code.
4. Subcontractor shall furnish and install a complete thermally broken architectural glazing system for all exterior punched windows and store front systems. Subcontractor shall utilize a Kawneer 2-3/4"x5" frame with two (2) coat Kynar finish in manufacturer's standard Dove Gray. Exterior windows shall be 1-5/16" gray tinted insulated impact glass.
5. Subcontractor shall furnish and install low E on the 3rd surface at all exterior glass.
6. Subcontractor shall furnish and install all associated sill flashing, shims, and caulking.
7. Subcontractor shall furnish and install all borrowed, inserted, and side lights indicated on Contract Documents. All lights at exterior doors shall be impact rated.
8. Subcontractor shall furnish and install all 4'x3' thermal horizontal sliding window systems. All units shall have two (2) operational sashes and shall be EFCO Series 3500, HS-AW50, TRACO TR6300, or Kawneer 8400TL as indicated on Contract Documents. No alternates.
9. Subcontractor shall furnish tempered glass as indicated on the architectural drawings and as required per code.
10. Subcontractor shall field measure all openings before fabrication.
11. Contractor understands the window system to be used due to code wind and impact resistance does not allow for taller sill detail.

#### **DOORS, FRAMES, AND HARDWARE:**

1. Subcontractor shall furnish all exterior insulated hollow metal doors (16 gauge galvanized metal).
2. Subcontractor shall furnish all interior hollow metal doors (18 gauge metal).
3. Subcontractor shall furnish all exterior hollow metal welded three sided steel doorframes (14 gauge galvanized metal).
4. Subcontractor shall furnish all interior hollow metal welded three sided steel doorframes (16 gauge metal).
5. All doors leading from Office Areas to the Distribution Area shall have "exterior type" hollow metal doors and frames.
6. Subcontractor shall furnish and prep Type A Doors for one (1) 6" x 30" vision lite kit. Glass shall be furnished and installed by others.
7. Subcontractor shall furnish and prep all Type C Doors for one (1) 24" x 32" vision lite kit. Glass shall be furnished and installed by others.
8. Subcontractor shall furnish all door hardware as indicated on the Contract Documents, including but not limited to, door silencers, 1-1/2 pair hinges per door, thresholds, weather stripping, door sweeps, Schlage locks and latch sets, LCN closers, stainless steel kick plates,

and wall stops as required and as shown on the attached Door Schedule Exhibit.

9. Subcontractor shall furnish all mortised locksets with tubular lever trim, knurled as required by code.
10. Subcontractor shall furnish all DETEX ACDxEAX2500xIS-5FXG Exit Alarms including strobe lights, magnetic contacts and cylinders.
11. Subcontractor shall furnish deadbolt locks on Warehouse to Office doors.
12. Subcontractor shall furnish stainless steel hinges for all exterior hollow metal doors.
13. Subcontractor shall furnish temporary cores for locking devices excluding DETEX devices.
14. All doors shall meet or exceed the minimum fire rating criteria set forth in the Contract Documents and as required by applicable codes as scheduled.
15. Subcontractor shall furnish products that are approved by the state of Florida for impact resistance and pressure resistance as required by the Contract Documents.
16. This Agreement shall include all equipment and labor to furnish all finish hardware as shown or required by the Contract Documents. The Contractor's Superintendent will sign for all hardware. No other signatures are authorized for receipt of materials.
17. Multiple deliveries shall be included as part of this Subcontract Agreement to accommodate earlier need for exterior doors and frames.
18. Subcontractor shall furnish and install all permanent/final lock cylinders/cores from DH Pace as detailed in the specifications. Cores and keys shall be pinned and cut to the Schlage SFIC MB keyway per the Contract Documents. Labor to remove the temporary construction cores has been included in this proposal.
19. Subcontractor shall provide key cabinets as detailed on the Contract Documents.
20. Subcontractor shall furnish all padlocks for interior and exterior fencing. Padlocks shall have cores keyed to the FedEx Grand Master.

**DOCK EQUIPMENT:**

1. All Dock Equipment must be furnish and installed by Fairborn USA, Inc. per specification.
2. Subcontractor shall furnish and install all edge-of-dock DLM Model 7820 NL mechanical dock levelers with 78" deck width including one pair of bumper blocks per leveler as indicated on Contract Documents.
3. Subcontractor shall furnish and install all FedEx Ground Standard Sill Plate Extensions with an 8" projection and fabric covered foam bottom pads as indicated on Contract Documents.
4. Subcontractor shall furnish and install all FedEx Ground Standard Sill Plate Extensions with a 15" projection and fabric covered foam bottom pads as indicated on Contract Documents.

5. Subcontractor shall furnish and install all pairs of rubber dock bumpers including all associated galvanized angles and support rods as indicated on Contract Documents. Bumpers shall be 9" projection x 11" wide x 20" tall.
6. Subcontractor shall furnish and install all pairs of rubber dock bumpers including all associated galvanized angles and support rods as indicated on Contract Documents. Bumpers shall be 16" projection x 11" wide x 20" tall.
7. Subcontractor shall furnish and install all Fairborn Series 1000 8'-0" x 9'-0" foam dock seals as indicated on Contract Documents to service Load Operations.
8. Subcontractor shall furnish and install all Fairborn Series 1000 8'-0" x 9'-0" pivot unit foam dock seals as indicated on Contract Documents to service Unload Operations
9. Subcontractor shall furnish and install all Fairborn Series 1000 8'-0" x 9'-0" pivot unit foam dock seals as indicated on Contract Documents to service Trash Operations.
10. Subcontractor shall furnish and install all Fairborn Series 1000 8'-0" x 9'-0" pivot unit foam dock seals as indicated on Contract Documents to service Drop Ship or Maintenance Operations.
11. Subcontractor shall furnish all high velocity trailer cooler fans, model MM-16-TB as indicated on Contract Documents.
12. Subcontractor shall furnish all dual-arm, self-retracting LED dock lights model LEDDL-765-NFL-15HWSFXG as indicated on Contract Documents. Light bulbs shall be included for each dock light.
13. Subcontractor shall furnish and install all Series 1600 Weathergaurd Head members, to be incorporated into Series 1000 pivot unit foam seals for unloading purposes (except trash door 1) as indicated on Contract Documents.
14. Subcontractor shall furnish and install all sets of structural steel components to provide support for Series 1600 Weatherguard units.
15. Subcontractor is responsible for providing cut sheets detailing concrete pour for coordination with the levelers.
16. Subcontractor shall provide
17. Subcontractor is responsible for verifying that dock seals will be tapered to match actual dock apron grades as measured by subcontractor in the field prior to fabrication.
18. Subcontractor is responsible for verifying that as-built dock apron grades conform to the requirements for the dock leveler equipment and will not cause loading and unloading hazards for forklifts.
19. Subcontractor shall agree to deliver and perform installation work in the field at the timing and direction of Contractor. Subcontractor shall deliver and schedule installation work in multiple mobilizations as required by job site conditions.
20. Subcontractor shall include all labor expenses through December 2016.

21. Subcontractor shall include sales tax on all materials included in this Subcontract.

**TOILET ACCESSORIES, PARTITIONS, AND WINDOW BLINDS:**

1. Subcontractor shall furnish and install all Toilet Accessories as shown on Contract Documents.
2. Subcontractor shall furnish and install all necessary hardware.
3. Subcontractor shall furnish and install all stainless steel, floor mounted toilet partitions as shown on the Contract Documents. Toilet partitions shall comply with all items in the FedEx Ground specifications.
4. Subcontractor shall furnish all charged and tagged fire extinguishers including all necessary mounting clips, wall decals, and semi-recessed fire extinguisher cabinets as shown on Contract Documents.
5. Subcontractor shall furnish and install all package receivers as indicated on Contract Documents.
6. Subcontractor shall furnish and install all divesting tables as indicated on Contract Documents.
7. Subcontractor shall furnish and install all TV/DVD brackets as indicated on Contract Documents.
8. All freight and tax shall be included in this Subcontract
9. Subcontractor shall submit Cut Sheets and Specifications for the above mentioned work.
10. Subcontractor shall furnish and install all blinds according to contract documents.
11. Blinds shall comply with all items in the FedEx Ground specifications.



**SIGNAGE:**

1. Subcontractor shall furnish and install an Address Facility Signs furnish by Blair Companies. This sign shall be mounted to 2" galvanized pipe posts with a double face panel in between.
2. Subcontractor shall furnish and install auguring and concrete for installation of ground mounted sign.
3. Subcontractor shall furnish and install all wall mounted Fed Ex Ground illuminated signs, furnished by Blair Companies, as indicated on the Contract Documents.
4. Subcontractor shall furnish and install all fasteners for installation of wall mounted sign.
5. Subcontractor shall make final electrical connections to the wall mounted signs.
6. Subcontractor shall furnish and install all caulking of any wall mounted penetrations of sign fasteners.
7. Subcontractor shall furnish and install all exterior loading dock signs as described in the contract documents.
8. Subcontractor shall furnish install all vinyl interior dock door signs as described in the contract documents.
9. Subcontractor shall provide all hardware necessary to install all signage.
10. Subcontractor shall obtain all necessary permits to install all signage.

**OFFSITE ROAD WORK:**

1. Subcontractor shall provide all labor, material, and equipment to improve six nearby intersections on roadways identified in the Traffic Impact Study.

END OF BID PACKAGE

Bid Package Information Sheet



Bid Package Number: **3**  
 Bid Package Name: Site & Building  
 Date: 11/2/2015

Preliminary Outline of Bid Package	Detail and Scope	SBE Possible Opportunities	Bid Package Total \$	Specialty Contractor Dollars (not included in SBD Program)	Single Source Dollars (not included in SBD Program)	Non-Specialty Dollars	Potential SBE Participation Dollars
Earthwork, Site Utilities, Asphalt	Earthwork, utilities & asphalt must be by one contractor	None Recommended	\$ 4,555,000.00	\$ 4,555,000.00	\$ -	\$ -	\$ -
Site Concrete - Curbs & Sidewalk	Furnish & Install	None Recommended	\$ 470,000.00	\$ 470,000.00	\$ -	\$ -	\$ -
Fencing	Furnish & Install	Portion of interior fencing	\$ 435,000.00	\$ 385,000.00	\$ -	\$ 50,000.00	\$ 50,000.00
Landscaping & Irrigation	Furnish & Install	Portion of Irrigation or Landscaping	\$ 800,000.00	\$ -	\$ -	\$ 800,000.00	\$ 800,000.00
Building Concrete - Foundations, Slabs, Wall Panels	Furnish & Install	None Recommended	\$ 2,975,000.00	\$ 2,975,000.00	\$ -	\$ -	\$ -
Structural Steel	Furnish & Install	None Recommended	\$ 1,460,000.00	\$ 1,460,000.00	\$ -	\$ -	\$ -
Roofing	Furnish & Install	None Recommended	\$ 675,000.00	\$ 675,000.00	\$ -	\$ -	\$ -
Canopies	Furnish & Install	None Recommended	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -
HM Doors & Hardware	Furnished by a FedEx specified Vendor	None Recommended	\$ 70,000.00	\$ 70,000.00	\$ -	\$ -	\$ -
Glass	Furnish & Install	Portion of Glass	\$ 35,000.00	\$ -	\$ -	\$ 35,000.00	\$ 35,000.00
Painting	Furnish & Install	Portion of interior painting	\$ 85,000.00	\$ 50,000.00	\$ -	\$ 35,000.00	\$ 35,000.00
Metal Studs, Gypsum Board, ACT, Rough Carpentry	Furnish & Install	None Recommended	\$ 230,000.00	\$ 230,000.00	\$ -	\$ -	\$ -
Finish Carpentry / Millwork	Furnish & Install	None Recommended	\$ 95,000.00	\$ 95,000.00	\$ -	\$ -	\$ -
Flooring	Furnish & Install	Portion of Ceramic Tile or VCT	\$ 70,000.00	\$ 20,000.00	\$ -	\$ 50,000.00	\$ 50,000.00
Interior Concrete Sealer	Furnish & Install	None Recommended	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -
Overhead Doors	Furnish & Install	None Recommended	\$ 140,000.00	\$ 140,000.00	\$ -	\$ -	\$ -
Dock Equipment	Installed by a FedEx specified Vendor	None Recommended	\$ 255,000.00	\$ 255,000.00	\$ -	\$ -	\$ -
Toilet Partitions & Accessories	Furnish Only	None Recommended	\$ 18,000.00	\$ 18,000.00	\$ -	\$ -	\$ -
Furnishings & Lockers	Furnish Only	None Recommended	\$ 62,000.00	\$ 62,000.00	\$ -	\$ -	\$ -
Window Blinds	Furnish & Install	None Recommended	\$ 3,200.00	\$ 3,200.00	\$ -	\$ -	\$ -
Signage	Furnish & Install	None Recommended	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -
Offsite Road Work - Intersection Improvements	Multiple trades by one contractor	None Recommended	\$ 735,000.00	\$ 735,000.00	\$ -	\$ -	\$ -
General Conditions	Insurance, Permits, OH&P	None Recommended	\$ 2,103,755.00	\$ 2,103,755.00	\$ -	\$ -	\$ -
<b>Totals</b>			<b>\$ 15,371,955.00</b>	<b>\$ 14,401,955.00</b>	<b>\$ -</b>	<b>\$ 970,000.00</b>	<b>\$ 970,000.00</b>

Potential SBE Participation 6.31%

Project Summary

Preliminary Outline Project	Detail and Scope	SBE Possible Opportunities	Bid Package Total \$	Specialty Contractor Dollars (not included in SBD Program)	Single Source Dollars (not included in SBD Program)	Non-Specialty Dollars	Potential SBE Participation Dollars
Bid Package #1	Design & Engineering	Yes	\$ 474,850.00	\$ 397,500.00	\$ -	\$ 77,350.00	\$ 77,350.00
Bid Package #2	MEP/FP/FA	Yes	\$ 2,425,000.00	\$ 2,375,000.00	\$ -	\$ 50,000.00	\$ 50,000.00
Bid Package #3	Site & Building Trades	Yes	\$ 15,371,955.00	\$ 14,401,955.00	\$ -	\$ 970,000.00	\$ 970,000.00
<b>Project Totals</b>			<b>\$ 18,271,805.00</b>	<b>\$ 17,174,455.00</b>	<b>\$ -</b>	<b>\$ 1,097,350.00</b>	<b>\$ 1,097,350.00</b>

Project Potential SBE Participation 6.01%

Estimated costs should not be advertised to potential SBE-C or SBE-A/E Firms. Only the scope should be advertised to potential SBE Firms.