



OAK RIDGE NATIONAL LABORATORY
OAK RIDGE, TENNESSEE

Construction

Summary Statement of Work

New Office Building 6030

Date: 5 September 2018

Revision 0

Key Personnel & Contact Information

Role/Title	Name	E-mail	Office Phone	Cell Phone
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In Case of Emergency or Accident, First Contact: Laboratory Shift Superintendent (LSS)

From ORNL Landline: 911 From Cell Phone: 576-4577

Note: These role assignments are subject to change. Updates will be provided if changes occur.

Notes:

- 1) **This project has been referred to by multiple names in the past. The names:**
 - a. **“New Office Building 6030”**
 - b. **“Replace Building 6025” and**
 - c. **“Building 6030 – ORNL Office Building”****all refer to the same project.**

- 2) **Where the Specifications reference the term ‘Owner,’ it is synonymous with the term ‘the Company’ (ORNL/UT-Battelle, LLC) -- and they are interchangeable.**

- 3) **Where the specifications reference the terms “Contractor” or “Subcontractor,” they are synonymous with the term ‘Seller” – and they are interchangeable.**

1.0 Project Purpose

The project will provide modern and efficient office and administrative space to meet research infrastructure needs at the Oak Ridge National Laboratory (ORNL).

2.0 Subcontract Scope

Provide all labor, material, equipment and related services (unless noted otherwise herein, and in the balance of the contract documents) to construct a new office building (Building 6030) on the site of the former Building 6025, complying with the requirements in the solicitation, plans and specifications, and related contract documents, including requirements incorporated by reference therein.

2.1 Technical Construction Scope for New Office Building 6030 in accordance with the drawings and specifications:

- i) Earthwork and utilities
- ii) Drilled piers
- iii) Landscaping
- iv) Concrete
- v) Masonry
- vi) Steel
- vii) Drywall
- viii) Metal panels/Canopy
- ix) Roofing
- x) Glass and glazing
- xi) Flooring and tile
- xii) Painting
- xiii) Elevator
- xiv) Fire protection
- xv) Plumbing and mechanical
- xvi) Electrical (including power, communications, fire alarm, access control, etc.)

2.2 Additional Requirements & Clarifications

- i) Provide all submittals required by the contract documents
 - (1) The Seller will be required to utilize the automated, internet-based submittal processing system 'Submittal Exchange.' Access to Submittal Exchange will be provided by the Company/ORNL.
- ii) Provide daily reports describing/including:
 - (1) Site conditions (weather, etc.)
 - (2) List of work activities performed each day
 - (3) Contractors and number of construction craft on site each day
 - (4) Any significant or unusual events
- iii) Provide all structural inspections and testing required per Drawing S3E021657A004, "Special Inspections."

- (1) ORNL is delegating the requirement to engage the independent inspection and testing agents(s) identified in the drawing's 'Statement of Special Inspections' section to the Seller.
 - (2) The requirement remains that the inspections and testing not be performed directly by the contractor or subcontractor performing any specific aspect of the work being inspected/tested, but rather be an independent inspection and testing agent(s) approved by the Company.
 - a. The Seller shall submit the name(s) of the independent inspection and testing agent(s) to the Company for approval prior to use.
 - b. The Seller shall schedule the special inspections and testing by coordinating the inspection and testing with the ongoing work requiring inspection and testing per the requirements on Drawing S3E021657A004, "Special Inspections."
- iv) Provide protection of the steam trench on the northern portion of the project site (approximately ten feet north of the north wall of the New Office Building 6030).
- (1) Do not drive motorized equipment across the steam trench unless:
 - (a) Approved by the company based on a review of wheel loads placed on the steam trench structure by the vehicle(s) proposed to be driven over the steam trench structure; or
 - (b) Unless the Seller provides suitable bridging over the steam trench, approved by the Company, that will prevent damage to the steam trench structure.
- v) The connection of the Seller-provided electrical power whips to the Company-provided cubicle walls/furniture shall be performed by the Seller.
- (1) Power whip lengths shall be coordinated with the furniture design to accommodate installation and connection.
 - (2) Scheduling and coordination of the installation of the furniture and the connection of the electrical power shall be done so as to meet the beneficial occupancy date.
- vi) The connection of the Seller provided communications cabling to the Company-provided cubicle walls/furniture shall be performed by the Seller.
- (1) Communications cable lengths shall be coordinated with the furniture design to accommodate installation and connection; Seller shall provide and install cover plates.
 - (2) Scheduling and coordination of the installation of the furniture and the connection of the communications cabling shall be done so as to meet the beneficial occupancy date.

3.0 Tasks

The cost and execution schedule to complete the following deliverables per the subcontract requirements is to be provided.

- 3.1** Construct the entire 6030 Building as designed and defined by the project drawings and specifications (see Section 5).
- 3.2** Deduct ‘Alternate A’ (as defined in the project drawings and specification section 012300, Alternates) to delete/eliminate the southern-most bay of the building (between column lines 5 and 6).

4.0 Deliverables & Schedule

The deliverables are to be provided to the ORNL Technical Project Officer in accordance with the Contract Documents. A breakdown of each proposed task including scheduled task delivery dates per the below table is to be provided. Each task has many intermediate delivery dates and the offerors proposal is to provide a schedule showing delivery dates for the sub-tasks required to meet the overall task.

Task Number	Task Description	Required Delivery Date
3.1	Construct New Office Building 6030	Provide Beneficial Occupancy by March 31, 2020; Final Completion by April 30, 2020
3.2	Deduct Alternate A: Delete the building bay between column lines 5 and 6 in accordance with Alternate A as described in the drawings and specification section 012300.	March 31, 2020

5.0 List of Attachments

Attachment 1: New Office Building 6030 Project Manual (Specifications) – dated August 30, 2018

Attachment 2: New Office Building 6030 Construction Drawings/Plans (80 total) – stamped/dated August 31, 2018. New Office Building 6030 drawing numbers & names:

GENERAL

- 1) G0.0 Cover Sheet 1
- 2) G0.1 Gen. Notes, Abbreviations, Symbols, Legends, Details 2

CIVIL

- 3) C0.1 Site Demolition Plan 3
- 4) C1.1 Site Layout Plan 4
- 5) C2.1 Site Grading & Drainage Plan 5
- 6) C3.1 Initial Erosion Control Plan 6
- 7) C3.2 Final Erosion Control Plan 7
- 8) C4.1 Site Details 8
- 9) L1.1 Landscape Plan 9
- 10) U1.1 Site Utility Plan 10

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- 15) A3.1 Reflected Ceiling Plans 15
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- 17) A5.1 Exterior Elevations 17
- 18) A6.1 Building Sections 18
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