

Sample

PROJECT MANUAL

INCLUDING SPECIFICATIONS FOR

PROJECT:	SUMMER 2017 PAINTING	
BUILDING NUMBER:	LAKESIDE	1182
	SPRINGS	1082
	NORTH	0050
	GRAHAM	0591
	REID	0020
PROJECT NO:	LAKESIDE	17266-1182
	SPRINGS	17266-1082
	NORTH	17266-0050
	GRAHAM	17266-0591
	REID	17266-0020

PREPARED BY:

Chad Worley
UNIVERSITY OF FLORIDA
DEPARTMENT OF HOUSING AND RESIDENCE EDUCATION
PO BOX 112100
GAINESVILLE, FLORIDA 32611-2100

LOCATION OF
QUOTE OPENING:

THE UNIVERSITY OF FLORIDA
DEPARTMENT OF HOUSING AND RESIDENCE EDUCATION
JENNINGS ANNEX CONFERENCE ROOM
BUILDING 596, MUSEUM ROAD
GAINESVILLE, FLORIDA 32611-2100
PHONE: 352/392-2171
Ext. 10551

PROJECT DIRECTORY

OWNER: UNIVERSITY OF FLORIDA

REPRESENTED BY: THE UNIVERSITY OF FLORIDA
DEPARTMENT OF HOUSING AND RESIDENCE EDUCATION
MAINTENANCE DEPARTMENT
BUILDING 753, MUSEUM ROAD
GAINESVILLE, FLORIDA 32611-2100
PHONE: 352/392-2171

HOUSING PROJ. MANAGER: Chad Worley

UNIVERSITY OF FLORIDA
PURCHASING DIVISION: 102 ELMORE HALL, RADIO ROAD
GAINESVILLE, FLORIDA 32611-5250

ARCHITECT/ENGINEER: N/A

TABLE OF CONTENTS

NON-TECHNICAL SPECIFICATIONS:

DIVISION 0 - BIDDING AND CONTRACT REQUIREMENTS:

	<u>Date of Current Issue</u>
00001..... Title Page	January 2009
00002..... Project Directory.....	January 2009
00005..... Table of Contents.....	January 2009
00006..... List of Forms	January 2009
00025..... Invitation to Quote	January 2009
00400..... Instructions to Bidders	January 2009
00150..... Instructions for Quotation.....	January 2010
00175..... Insurance Requirements	January 2010
00315..... Bid Forms.....	January 2009
00430..... Subcontractor Listing	January 2009
00500..... Form of Agreement.....	January 2009
00600..... Construction Bond Forms.....	January 2009
00700..... General Conditions (AIA A201).....	January 2009
00800..... Supplementary Conditions.....	January 2009
00810..... Minority Business Enterprise Requirements.....	January 2009
00830..... Equal Employment Opportunity Program.....	January 2009
00832..... Prison Rehabilitative Industries.....	January 2009
00842..... Safety Requirements	January 2009
00900..... Addenda.....	January 2009
00901..... Protests.....	January 2009
00902..... Public Entity Crimes.....	January 2009
00903..... Asbestos Policy Statement.....	January 2009

DIVISION 1 - GENERAL REQUIREMENTS:

01010..... Summary of the Work.....	January 2009
01015..... Contractor's Use of the Premises.....	January 2009
01016..... Utility Outages.....	May 2008
01045..... Cutting and Patching.....	January 2009
01060..... Regulatory Requirements.....	January 2009
01091..... Definitions and Standards.....	January 2009
01140..... Alternates & Changes.....	January 2009
01152..... Application for Payment.....	January 2009
01153..... Changes in the Work.....	January 2009
01200..... Project Meetings.....	January 2009
01201..... Pre-Construction Conference.....	January 2009
01310..... Construction Schedules.....	January 2009
01340..... Submittals and Substitutions	January 2009
01370..... Schedule of Values.....	January 2009
01410..... Testing and Laboratory.....	January 2009
01500..... Temporary Facilities and Controls.....	January 2009
01700..... Contract Closeout.....	January 2009
01710..... Cleaning.....	January 2009
01720..... Project Record Documents.....	January 2009
01730..... Operation and Maintenance Data.....	January 2009

TECHNICAL SPECIFICATIONS:

DIVISION 9 - FINISHES:

09900..... Painting.....	January 2010
--------------------------	--------------

LIST OF FORMS

The following is a list of forms contained within these Non-Technical sections (Divisions 0 and 1 of the Specifications) that will be required from bidders, or the successful bidder, at various times during the life of this project. For the bidders' convenience and reference, several other required forms/signs (indicated as "Not Included" below), have been listed also. These "other required" forms/signs are indicated below as either being supplied by the Contractor or available from the Physical Plant Division. Bidders are cautioned that this list is not intended to be all inclusive and that submittals other than the forms listed here will be required. For the purpose of determining the scope of required submittals, bidders are encouraged to read the Contract Documents.

SECTION	PAGE(S)	TITLE OF FORM
---------	---------	---------------

FORMS REQUIRED WITH BID:

00020..... (Inserted by UF Purchasing) Invitation to Bid Acknowledgement Form
 00430..... 1 of 1 (Not Included) Subcontractor Listing (By Contractor)
 00310..... 1,2,3 of 3 Bid Proposal
 00810..... 6 of 7 CMBE Participation Form

FORMS REQUIRED PRIOR TO BID AWARD:

00903..... 2 of 2 Asbestos Policy Statement Compliance Agreement

FORMS REQUIRED PRIOR TO ISSUANCE OF PURCHASE ORDER (CONTRACT AWARD):

00100..... 3, 4 of 6 (Not Included) Performance and Payment Bonds (By Contractor) *
 00800..... 5 of 7 (Not Included) Proof of Insurance (By Contractor)

FORMS REQUIRED PRIOR TO COMMENCING CONSTRUCTION:

01015..... 2 of 5 Request for Temporary Parking Permits
 01015..... 4 of 5 (Not Included) List of On Site Supervisors (By Contractor)
 01015..... 4 of 5 (Not Included) Anti-Harassment Sign(s) (By Contractor)
 01015..... 5 of 5 (Not Included) List of On Site Employees (By Contractor)
 01500..... 4 of 4 (Not Included) Project Sign

FORMS REQUIRED DURING CONSTRUCTION:

01015..... 5 of 5 (Not Included) Application for Utility Service (Obtain from PPD WMC)
 01045..... 2 of 4 (Not Included) Dig Permit (Obtain from PPD Operations Engineering)
 01310..... 1-4 of 4 (Not Included) Construction Schedules (By Contractor) **
 01370..... 1 of 1 (Not Included) Schedule of Values (By Contractor) **
 01152..... 3 of 4 Certificate of Partial Payment
 01016..... 2 of 2 Utilities Outage Request

FORMS REQUIRED PRIOR TO FINAL PAYMENT:

00810..... 7 of 7 Contractor's MBE Status Report of Final Payment Form
 01152..... 3 of 4 Certificate of Partial Payment
 01152..... 4 of 4 Certificate of Contract Completion
 01700..... 5 of 5 Certificate of Substantial Completion

* (Performance and Payment Bonds required within 2 weeks after requested by Purchasing Division at time of Bid Award)

** (Required within 10 days after receipt of Notice-to-Proceed)

SECTION 00025 - INVITATION FOR QUOTATION

LAKESIDE	17266-1182
SPRINGS	17266-1082
NORTH	17266-0050
GRAHAM	17266-0591
REID	17266-0020

<p>Project Information: Summer 2017 Painting Projects Project Name & No.:</p> <table> <tr> <td>LAKESIDE</td> <td>17266-1182</td> </tr> <tr> <td>SPRINGS</td> <td>17266-1082</td> </tr> <tr> <td>NORTH</td> <td>17266-0050</td> </tr> <tr> <td>GRAHAM</td> <td>17266-0591</td> </tr> <tr> <td>REID</td> <td>17266-0020</td> </tr> </table> <p>Project Location(s): Various</p>	LAKESIDE	17266-1182	SPRINGS	17266-1082	NORTH	17266-0050	GRAHAM	17266-0591	REID	17266-0020	<p>Date Issued: March 9, 2017</p> <p>Project Manager: Chad Worley Telephone: (352) 392-2171x10551 Fax: (352) 392-1602 Email: chadw@housing.ufl.edu</p>
LAKESIDE	17266-1182										
SPRINGS	17266-1082										
NORTH	17266-0050										
GRAHAM	17266-0591										
REID	17266-0020										
<p>Description of Work: See Section 1010 of Project Manual for Descriptions</p>											
<p>Pre-Bid Meeting: Thursday March 9, 2017 @ 9:00 AM Lakeside Library, Building 1180 Radio Road Gainesville, Florida 32611</p>	<p>Ques. Due: March 16, 2017 @ 2:00 PM Quotes Due: March 29, 2017 @ 2:00 PM</p>										
<p>GENERAL: Written quotes for furnishing all labor, equipment, tools, and materials, and performing all work for the above project are hereby invited. To be eligible for consideration, quotes must be received by the date and time indicated above.</p> <p>Any errors, omissions or questions pertaining to proposal procedures or project requirements, requests for additional documents, inquiries pertaining to site conditions or scheduled visits shall be directed to the Project Manager listed above.</p>											
<p>READ, REVIEW AND COMPLY: It shall be the offeror's responsibility to read the entire Project Manual and comply with all requirements specified herein.</p>											

SUBMITTAL OF QUOTES:

Quotes for this project shall be submitted in the manner noted below.

- All offers should review Section 0150 Instructions for Quotation of the Project Manual prior to submitting a quote for specific instructions. A copy of the Project Manual will be available at the pre-quote meeting, and is also available for download on-line at: ftp: //
- Failure to acknowledge receipt of addenda or to execute the form correctly and completely May disqualify your quote. Additionally, the quote must contain the signature of a duly Authorized officer or agent of the offeror's company empowered with the right to bind the offeror.
- Include the Project Number and Project Name on all documents including email subject lines. All quotes, amendments or withdrawals must be delivered to the Project Manager prior to the Scheduled deadline.
- A hard copy quote may emailed, faxed to the number above, mailed in a sealed envelope to The mailing address below, or hand-delivered to the physical address below. Quotes submitted via email must be done as attachments and also comply with Section 0150 Instructions for Quotation. Mailed quotes must allow time for delivery.

<u>Addresses:</u>	Mailing: DHRE ATTN: Chad Worley PO Box 112100 Gainesville, FL 32611-2100	Physical: Jennings Hall Office Building 0596 Museum Road Gainesville, Florida 32611
--------------------------	--	---

END OF SECTION 00025

SECTION 00175 – INSURANCE REQUIREMENTS

PART 1 - GENERAL

1.1 RELATED SECTIONS:

- A. Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.
- B. Refer to Section 01010, Summary of the Work for a descriptive narrative of the work included.

1.2 OVERVIEW:

The Contractor shall not commence any work on the project until it has obtained all the following types of insurance and such insurance has been approved by Owner in writing, nor shall the Contractor allow any subcontractor to commence work until all similar insurance required for the subcontractor has been so obtained and approved. All insurance policies shall be with insurers authorized to do business in Florida, and with an A.M. Best rating of no less than B+,VIII. Owner shall be furnished proof of coverage of insurance by certificates of insurance and/or evidence of property insurance. Contractor's insurance companies shall name the University of Florida, the University of Florida Board of Trustees, the State Board of Education and the State of Florida as additional insureds on all insurance policies other than the worker's compensation insurance. The insurer shall provide at least thirty (30) days prior written notice to the Owner if a policy is to be canceled or the coverage thereunder reduced before the expiration date thereof. All insurance shall be written on ISO standard forms or their equivalents. All insurance required hereby shall be carried at least until the project is finally completed. Certificates of insurance evidencing the renewal of such policies shall be provided to Owner at least thirty (30) days prior to the date each applicable insurance policy is scheduled to expire.

1.3 WORKERS COMPENSATION INSURANCE:

The Contractor shall secure and maintain during the project, worker's compensation insurance which complies with the requirements of Chapter 440, Florida Statutes.

1.4 AUTOMOBILE LIABILITY INSURANCE:

Contractor shall carry automobile liability insurance which has liability limits of at least \$500,000.00

1.5 COMMERCIAL GENERAL LIABILITY INSURANCE:

The Contractor shall secure and maintain during the term of the project, a commercial general liability insurance policy which has liability limits of at least

\$500,000.00 per occurrence for bodily injury, death and property damage and shall protect it from claims which may arise whether such claims may arise out of the operations of the Contractor or by anyone directly or indirectly employed by Contractor.

This policy shall include the following endorsements: (i) "XCU" (explosion, collapse, underground damage) for those classifications excluded under the policy and (ii) contractual liability.

1.6 BUILDER'S RISK INSURANCE:

Contractor shall carry builder's risk insurance, at replacement cost, covering the full value of the construction being performed. Such policy shall be written on a causes of loss special form policy, and shall include coverage for reasonable compensation for the Architect/Engineer's services and expenses required as a result of such insured loss. The builder's risk insurance shall contain an endorsement by which the insurer waives all rights of subrogation against Owner and a severability of interests endorsement.

1.7 SUBCONTRACTOR'S INSURANCE:

The Contractor shall require each of its subcontractors to secure and maintain during the term of the project worker's compensation and liability insurances appropriate to the project and scope and nature of the work being performed by the subcontractor.

1.8 DEDUCTIBLES:

Deductibles under any of the foregoing policies shall not exceed \$1,000.00. Owner shall not be liable for any amounts that may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Contractor and/or subcontractor providing such insurance.

END OF SECTION

SECTION 00842 - SAFETY REQUIREMENTS

PART 1 - GENERAL

1.1 RELATED SECTIONS:

- A. Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.
- B. Refer to "Section 1045 - Cutting and Patching" for information relating to the Trench Safety Act.

1.2 OSHA REGULATIONS:

It is the responsibility of the Contractor to insure that all OSHA regulations applying to this job are adhered to at all times.

1.3 FLORIDA RIGHT-TO-KNOW LAW:

- A. It is the responsibility of the Contractor to comply with the requirements of Chapter 442, Florida Statutes, as applicable to the work required to fulfill the Contractor's obligations under this contract. These requirements include, but are not necessarily limited to, the following:
 - 1. That if the work requires the direct purchase of any item designated as a toxic substance, the manufacturer, importer, or distributor of said toxic substance shall prepare and provide the purchaser (Contractor) with a Material Safety Data Sheet (MSDS) that is current, accurate, and complete. The contractor must provide the Department of Housing and Residence Education two (2) copies of the MSDS for each product in use.
 - 2. That every employer (Contractor) who manufactures, produces, uses, applies, or stores toxic substances in the workplace shall in a place where notices are normally posted post a notice informing employees of their rights under this statute.
 - 3. That every employer (Contractor) who manufactures, produces, uses, or applies toxic substances in the workplace shall maintain an MSDS for each product which is present in such workplace.
 - 4. That an independent contractor (Contractor) or subcontractor working in the workplace of another employer (Owner) may request in writing and shall have the right to examine the MSDS for the toxic substances to which he/she or his/her employees, are, have been, or may be exposed.

1.3 **FLORIDA RIGHT-TO-KNOW LAW - Continued:**

A toxic substance is defined as any chemical substance or mixture in gaseous, liquid or solid state, if such substance appears on the "Florida Substance List" promulgated by the Department of Labor and Employment Security; is manufactured, produced, used, applied or stored in the workplace; and causes a significant risk to safety or health during, or as a proximate result of, any customary or reasonably foreseeable handling or use.

- B. Any questions regarding the above requirements should be directed to: Department of Labor and Employment Security, Bureau of Industrial Safety and Health, Toxic Waste Information Center, 2551 Executive Center Circle West, Tallahassee, FL 32301-5014, Telephone: 1-800-367-4378.
- C. The MSDS must be maintained by the user agency and must include the following information:
1. The Chemical name and the common name of the toxic substance.
 2. The hazards or other risks in the use of the toxic substance, including:
 - a. The potential for fire, explosion, corrosion, and reactivity.
 - b. The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the toxic substance;
 - c. The primary routes of entry and symptoms of overexposure.
 3. The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the toxic substances, including appropriate emergency treatment in case of overexposure.
 4. The emergency procedure for spills, fire, disposal, and first aid.
 5. A description in lay terms of the known specific potential health risks posed by the toxic substance intended to alert any person reading this information.
 6. The year and month, if available, that the information was compiled and the name, address, and emergency telephone number of the manufacturer responsible for preparing the information.

END OF SECTION

SECTION 00903 - ASBESTOS POLICY STATEMENT

PART 1 - GENERAL

1.1 RELATED SECTIONS:

Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.

1.2 NOTICE TO CONTRACTORS OF ASBESTOS-CONTAINING MATERIALS IN UNIVERSITY BUILDINGS:

Asbestos containing materials (ACM) can be found in almost any building in the United States more than 10 years old. The University of Florida is no exception. The types of asbestos most commonly found are pipe and boiler insulation, fireproofing, hard panels known as "Transite", floor tile, and spray or trowel-applied ceiling finishes. ACM is generally not hazardous if left undisturbed.

The University has implemented an Asbestos Program to assure safe management and removal of ACM. Contractors, consultants, and other vendors providing service to the University may encounter ACM and must, therefore, comply with the following instructions:

- A. Avoid disturbing suspected ACM. Exercise caution and watch for possible ACM.
- B. If it is necessary to disturb ACM, first notify the appropriate Division Asbestos Representative listed in this notice, or the University of Florida Asbestos Coordinator, before proceeding with your work. You shall take whatever precautions are necessary to protect human health and the environment, and comply with all applicable Federal, State and local laws pertaining to asbestos.
- C. If you require additional information on possible locations of ACM in a particular building, contact the Asbestos Representative from the Division for which you are working.

<u>Division</u>	<u>Asbestos Representative</u>	<u>Phone #</u>
Physical Plant	Associate Director, Physical Plant.....	352/392-7793
Environmental Health & SafetyAsbestos Program Manager	352/392-3393
Health Center	Director, Health Center Physical Plant	352/392-4417
Housing	Maintenance Superintendent.....	352/392-2178
Reitz Union	Maintenance Superintendent.....	352/392-1614
IFAS	Engineer, Facilities Operations.....	352/392-6488

D. ASBESTOS ABATEMENT:

The University of Florida received notice that GPAC, Inc., 7854 Browning Road, P.O. Box 662, Pennsauken, NJ 08109, is the owner of U.S. Patent No. 4,604,111 dated August 5, 1986 for Particulate Contamination Control Method and Filtration Device. The Patent Abstract states:

A negative pressure method and apparatus for protection from airborne asbestos and other particulate contamination is disclosed, including an enclosure with doorways and decontamination chambers with an air intake through the decontamination chambers with at least one filtration unit flow connected with the enclosure, with a blower to pull air into the filtration unit and dispelling the filtered air to the atmosphere. A high volume air flow intake is maintained with a significant air pressure in the enclosure. A filtration device is provided with multiple entrance ports provided with multiple entrance through the body of the room together with individual entrance ports to receive the discharge from separate vacuum cleaners.

Bidders are responsible for having permission to use patented processes or products and shall indemnify and defend the University of Florida, Board of Regents, and the State of Florida against claims of patent infringement and to pay damages awarded and costs, including attorneys' fees, incurred by or on behalf of the University of Florida, Board of Regents, and/or State of Florida.

END OF SECTION

1.3 ASBESTOS POLICY STATEMENT COMPLIANCE AGREEMENT:

Please sign the following agreement form and return it to the University of Florida, Purchasing Division. (*This form is not required to accompany the Bid Proposal, but is required prior to, and as a condition for, Bid Award.*):

I have read, understand, and agree to abide by the above policy.

(Date)

(Name of Bidder)

(Notary Public)

(Signature)

(Commission)

(Title)

END OF SECTION

SECTION 01010 - SUMMARY OF THE WORK

PART 1 - GENERAL

1.1 RELATED SECTIONS:

Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.

1.2 DESCRIPTION OF WORK INCLUDED:

The work includes:

- A. **LAKESIDE 1181:**
Re-painting & Final touchup in all apartments including student rooms, walls, ceilings, wood trim, Doors and Door Jambs,
- B. **SPRINGS 1081:**
Re-painting & Final touchup in all apartments including student rooms, walls, ceilings, wood trim, Doors and Door Jambs
- C. **TOLBERT 0045:**
Repainting & Final Touch in Student Rooms Walls, Ceilings, Wood Trim and Door Jambs.
- D. **JENNINGS EAST 0593:**
Repainting & Final touch-up in Student Rooms wall, ceilings, and door frames
- E. **MALLORY 0041:**
Repainting & Final touch-up in Student Rooms wall, ceilings, and door frames

END OF SECTION

SECTION 01015 - CONTRACTOR'S USE OF THE PREMISES

PART 1 - GENERAL

1.1 RELATED SECTIONS:

- A. Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.
- B. Refer to Section 01310, Construction Schedule for related requirements regarding the coordination of work with the University of Florida Schedule.

1.2 DESCRIPTION OF WORK INCLUDED:

This Section applies to situations in which the Contractor or his representatives including, but not necessarily limited to, suppliers, subcontractors, employees, and field engineers, enter upon the Owner's property.

1.3 QUALITY ASSURANCE:

- A. Promptly upon award of the Contract, notify all pertinent personnel regarding requirements of this Section.
- B. Require that all personnel who will enter upon the University's property certify their awareness of and familiarity with the requirements of this Section.

1.4 TRANSPORTATION and PARKING FACILITIES:

- A. Provide adequate protection for curbs and sidewalks over which trucks and equipment pass to reach the job site.
- B. **CONTRACTOR'S VEHICLES:**
 - 1. Require Contractor's vehicles, vehicles belonging to employees of the Contractor, and all other vehicles entering upon the Owner's property in performance of the Work of the Contract, to use only agreed upon Access Route.
 - 2. Do not permit such vehicles to park on any street or other area of the Owner's property except in the area so designated by the Project Manager and the Traffic and Parking Division.
 - 3. Secure all required Parking Decals and/or permits as required by the University Traffic Department. **(See form for this purpose on next page.)**

C. Permanently Marked Contractor Vehicles (identified by non-removable, non-transferable painted or vinyl lettering or company logos):

1. May park in non-reserved, decal restricted parking lots including Orange, Blue, Commuter, Red, Brown and "All Decal" areas, with no decal required. They may not park in Gated areas, Carpool zones, reserved spaces, bike lanes, on the grass, on sidewalks, in no parking zones, etc. at any time.
2. May park in service drives, with no service drive permit required.
3. Note that magnetic signs, windshield placards, mirror hang-tags, notes, etc. are not considered permanent markings and provide no campus parking privileges whatsoever.

D. Unmarked Contractor Vehicles:

1. The company or vehicle owner may purchase a Commercial decal upon presenting a letter from the company, project manager or department substantiating the need to park on campus. The letter should include an expiration date when applicable.
2. The Commercial decal alone does not extend service drive parking privileges. Service drive privileges may be requested in the letter, which should include the reason why service drive privileges are needed. Upon approval by TAPS, a service drive permit will be issued in conjunction with the purchase of the Commercial decal.
3. Typically, service drive permits will display a time limit of 1 hour to facilitate the turnover of parking in these areas. If there is a need for a longer time limit, compelling justification should be provided in the letter. Service drive permits with no time limit are issued only under extraordinary circumstances.
4. Commercial decals are priced as follows: Annual \$432.00, Semester \$144.00, Monthly \$75.00, Weekly \$35.00, Daily \$7.00. Prices are subject to change yearly.

E. Remote Contractor Parking

1. No-cost permits for parking in the remote contractor lot (currently west of 34th Street) will be provided by TAPS at the request of the project manager.

F. Compounds and Lay-Down Areas

1. No-cost permits for contractor parking in approved, fenced compounds/lay-down areas will be provided by TAPS at the request of the project manager.

DEPARTMENT OF HOUSING AND RESIDENCE EDUCATION

DATE: _____

TO: _____
Transportation and Parking Services

FROM: _____
Project Manager – Maintenance Dept.

SUBJECT: TEMPORARY PARKING PERMITS x CONSTRUCTION PROJECTS

Please provide temporary parking permits for me to issue to the contractor(s) listed below:

W.O. #: _____ P.O.#: _____

LOCATION: _____

PERMITS REQUIRED UNTIL: _____

PROJECT DESCRIPTION: _____

CONTRACTOR	VEHICLES	NUMBER	OF
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PLEASE CALL IF YOU HAVE QUESTIONS.

1.5 SECURITY:

- A. Restrict the access of all persons entering upon the Owner's property in connection with the Work to the Access Route and to the actual site of the Work.
- B. Restrict activities of employees to authorized areas. Employees shall not be allowed to mingle in student or public areas. Provide photo badging identification and/or uniform with the company name easily identifiable.
- C. The Contractor shall at all times guard against damage or loss to the property of the University or other vendors or contractors and shall be held responsible for replacing or repairing any such loss or damage. The University may withhold payment or make such deductions as deemed necessary to insure reimbursement or replacement for loss or damaged property through negligence of the successful bidder or his agents. Replace any trees, shrubs, lawns, or plantings damaged by Contractor during work of this project within two (2) weeks of occurrence. Grassed areas generally have irrigation systems below grade; verify location of these systems and all underground utilities in work or staging areas prior to start of construction. Repair utilities damaged by work of this project.
- D. The Contractor shall keep the premises free from accumulation of waste material and rubbish, and shall remove from the premises all rubbish, implements, surplus materials, and temporary facilities provided by him during the course of his work and leave spaces involved broom clean.
- E. The Contractor shall provide and maintain barricades made of six-foot high chain link fence around perimeter of assigned staging area.
- F. Any welding operations shall have shields provided by the Contractor as required to protect the public from such welding. (Refer to UF Construction Standards, Appendix "C", titled "Fire Safety and Worker Protection Policy for Tasks Involving Welding, Cutting, Brazing, and Soldering" for specific requirements.)

1.6 SPECIFIC POLICE DEPARTMENT REQUIREMENTS:

The following list of requirements are to be met by Construction Companies, Contractors and their employees, while they are engaged in construction projects at the University of Florida. Any Construction Site located on the University of Florida Campus comes under the jurisdiction of the University of Florida Police Department. Any incident requiring police service should be reported to the University Police Department at (352) 392-1111 immediately.

- A. All employers are prohibited from allowing employees to work on campus who have been convicted of violent crimes.
- B. Construction employers will not knowingly allow person(s) who currently have outstanding criminal warrants to work on campus.
- C. All contractors who employ Work Release persons as employees are to furnish the University Police Department with all names of such persons employed under the Work Release Program.

- D. All contractors are to provide the University Police Department with a list of supervisors in charge of the construction along with telephone numbers and sites of the construction.
- E. Construction companies are required to submit the full names of their employees and date of birth to the University Police Department, c/o Special Events Coordinator, P. O. Box 112150, Building 51, Gainesville, FL 32611-2150. Periodic updates are expected as employees terminate and are employed. Fax number (352) 392-0539.
- F. Construction firms and employees are to park their business and personal vehicles in authorized areas only. (Transportation & Parking Services (352) 392-8048 will coordinate this with the Project Manager on designated areas.)
- G. Parking permits are required for **all** personal and business vehicles.
- H. When contractors are fencing designated compounds, the responsible person should contact the University of Florida Police Department for requirements required by law, **prior** to fencing completion. Construction compounds are to have affixed to the perimeter fences signs that state that trespassing in the compound is a violation of state law. Language on the signs is to be specifically worded in accordance with Florida State #810.09(2)(d). The following language should be used, *"This property is a designated construction site and anyone trespassing on this property upon conviction shall be guilty of a felony"*.
- I. Employees are not permitted to enter university buildings unless it is directly related to their job duties.
- J. Contractors and employees are to obey all laws, as well as the rules of the University of Florida when they are on University property.
- K. Students, Faculty and Staff of the University of Florida are not to be disturbed or in any way disrupted in their lawful pursuits. Construction employees are to refrain from any unsavory or unwanted comments towards students, particularly female students, faculty, staff.
- L. Construction companies and employees are required to secure all property as much as feasible to reduce theft or damage to equipment or property. Construction companies are expected to work with the University of Florida Police Department and participate in Crime Prevention efforts.
- M. Each contractor is to advise the University of Florida Police Department if they will have food catered and delivered to the construction site for employees. A copy of the contract should be provided to the police department.
- N. University of Florida Police Department rep: Captain Earl C. Crews (352) 392-0401

1.7 **TEMPORARY UTILITIES:**

If any utilities are required which are not already readily available at the construction site, the Contractor shall pay for the temporary installation of such utilities and a monthly charge, as determined by usage. PPD Form 956 (04-07-92), titled "Application for Utility Service", available from the PPD Work Management Center, shall be executed by the Contractor.

END OF SECTION

SECTION 01045 - CUTTING AND PATCHING

PART 1 - GENERAL

1.1 RELATED SECTIONS:

- A. Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.
- B. Refer to Article 4.14 of the General Conditions (AIA Document A201, 1976 Edition per Section 00700) for related requirements regarding the cutting and patching of the Work.

1.2 DESCRIPTION OF WORK:

A. WORK INCLUDED:

This Section establishes general requirements pertaining to cutting (including excavating), fitting, and patching of the Work required:

- 1. Make the several parts fit properly;
- 2. Uncover ill-timed work to provide for installing, inspecting, or both;
- 3. Remove and replace work not conforming to requirements of the Contract Documents; and
- 4. Remove and replace defective work.

B. RELATED WORK:

- 1. In addition to other requirements specified, upon the Architect/Engineer's request, uncover work to provide for inspection by the Architect/Engineer of covered work, and remove samples of installed materials for testing.
- 2. Do not cut or alter work performed under separate contracts without the Architect/Engineer's written permission.

1.3 QUALITY ASSURANCE:

Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

1.4 SUBMITTALS:

A. REQUEST FOR ARCHITECT/ENGINEER'S CONSENT:

- 1. Prior to any cutting which may affect structural safety, submit a written request to the Architect/Engineer for permission to proceed with the cutting.

2. Should conditions of the Work, or schedule, indicate a required change of materials or methods for cutting and patching, so notify the Architect/Engineer and secure his written permission and the required Change Order prior to proceeding.

B. NOTICES TO ARCHITECT/ENGINEER:

1. Prior to cutting and patching performed pursuant to the Architect/ Engineer's instructions, submit cost estimate to the Architect/Engineer. Secure the Architect/Engineer's approval of cost estimates and type of reimbursement before proceeding with cutting and patching.
2. Submit written notice to the Architect/Engineer designating the time the work will be uncovered, to provide for the Architect/Engineer's observation.

1.5 DIG PERMITS:

- A. All trenching, excavation, or digging operations within the confines of the University campus or in any area for which the University has responsibility, require Dig Permits, PPD Form 611 (See PPD Instruction 30-5001).
- B. The person, contractor, agency, or organization, which will be performing the trenching, excavation, or digging activity is responsible for requesting and obtaining permission to perform that activity.
- C. Instruction 30-5001 provides full details regarding the procedure.
- D. Contractors shall not employ the use of underground directional boring equipment outside of normal working hours without the approval of the UF Project Manager who shall arrange such approval in the same manner as for a Utilities Outage. Refer to Section 01016 for the requirements regarding Utilities Outages.

1.6 TRENCH SAFETY ACT:

The Trench Safety Act, Chapter 553, Part VI, Florida Statutes, must be complied with. Each Bidder shall bear responsibility for compliance.

PART 2 - PRODUCTS

2.1 MATERIALS:

For replacement of items removed, use materials complying with pertinent Sections of these Specifications.

2.2 PAYMENT FOR COST:

Cutting and patching needed to comply with the Contract Documents shall be done at no additional cost to the Owner. Cutting and patching required to accomplish Change Order work shall be recognized by the Contractor and included in the price of the Change Order.

PART 3 - EXECUTION**3.1 SURFACE CONDITIONS:****A. INSPECTION:**

1. Inspect existing conditions including elements subject to movement or damage during cutting, excavating, patching, and backfilling.
2. After uncovering the work, inspect conditions affecting installation of new work.

B. DISCREPANCIES:

1. If uncovered conditions are not as anticipated, immediately notify the Architect/Engineer and secure needed directions.
2. Do not proceed until unsatisfactory conditions are corrected.

3.2 PREPARATION PRIOR TO CUTTING:

Provide required protection including, but not necessarily limited to, shoring, bracing, and support to maintain structural integrity of the Work.

3.3 PERFORMANCE:

Perform required excavating and backfilling as required under pertinent other Sections of these Specifications.

- A. Perform cutting and demolition by methods which will prevent damage to other portions of the Work and provide proper surfaces to receive installation of repair and new work.
- B. Perform fitting and adjusting of products to provide finished installation complying with the specified tolerances and finishes.
- C. Cuts made through any paved surface must be repaired in a non-discernible fashion. Cuts through concrete must be repaired by replacing the section between the nearest two joints - either construction or expansion. Cuts through asphalt must be repaired so that depressions or humps do not develop in the asphalt surface. If they do, they will have to be corrected, at the Contractor's expense.

Asphalt and base compaction by "normal traffic" is not permitted. Proper compaction for the depth of the cut is required.

When cuts extend through pavement markings, the replaced pavement shall be marked to match the existing.

END OF SECTION

SECTION 01140 – ALTERNATES & CHANGES IN THE WORK

PART 1 - GENERAL

1.1 RELATED SECTIONS:

- A. Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.
- B. Some of the items mentioned in this Section are described further in pertinent other Sections of these Specifications.

1.2 DESCRIPTION:

A. ALTERNATES:

- 1. Provide alternate bids to be added to or deducted from the amount of the Base Bid if the corresponding change in scope is accepted by the Owner.
- 2. Include within the alternative bid prices all costs, including materials, installations, and fees.

B. CHANGES:

- 1. Make such changes in the Work, in the Contract Sum, in the Contract Time of Completion, or any combination thereof, as are described in written Change Orders signed by the Owner and issued after execution of the Contract, in accordance with the provisions of this Section.

1.3 PROCESSING CHANGES INITIATED BY THE CONTRACTOR:

- A. Should the Contractor discover a discrepancy among the Contract Documents, a concealed or unknown condition at variance with the conditions indicated by the Contract Documents, or other cause for suggesting a change in the Work, a change in the Contract Sum, or a change in the Contract Time of Completion, he shall notify the Owner as required by pertinent provisions of the Contract Documents.
- B. Upon agreement by DHRE that there is reasonable cause to consider the Contractor's proposed change, the Owner will issue either a Request for Proposal in accordance with Paragraph 1.7.A.1 below or a Construction Change Directive in accordance with the provisions described in Paragraph 1.7.B.1 below.

1.4 **PROCESSING CHANGES INITIATED BY THE OWNER:**

B. **CONSTRUCTION CHANGE DIRECTIVES:**

1. **Issuance by Architect/Engineer –**

Should the Owner wish to proceed with making a change in the Work or a change in the Contract Time of Completion, the Architect/Engineer will issue a "Construction Change Directive".

The Construction Change Directive will describe the desired change in the Work, and will carry one of the following instructions to the Contractor regarding adjusting the Contract:

- i. **"No Change in Contractual Costs or Time" Construction Change Directive** - Make the described change in the Work at no change in the Contract Sum and no change in the Contract Time of Completion;
- ii. **"Contract Change Expected" Construction Change Directive** - Make the described change in the Work, credit or cost for which will be determined in accordance with Subparagraph 7.3.3 of the General Conditions. Information pertinent to allowable mark-up percentages is listed in Paragraph 1.8.

2. **Response by Contractor to "No Change in Contractual Costs or Time" Construction Change Directive** - If the Contractor has been directed by the Architect/Engineer to make the described change at no change in the Contract Sum and no change in the Contract Time of Completion, the Contractor shall:

- a. Proceed with the Work, incorporating the described change as appropriate.
- b. Make a written reply as described below to the Architect/Engineer in response to each Construction Change Directive.
 - i. Indicate agreement or disagreement with the assertion that the described change can be made at no change in the Contract Sum and no change in the Contract Time of Completion.
 - ii. State proposed change in the Contract Sum, if any.
 - iii. State proposed change in the Contract Time of Completion, if any.
 - iv. Clearly describe other changes in the Work required by the proposed change, or desirable therewith, if any.

- v. Include full backup data such as subcontractor's or materials supplier's letter of proposal or similar information.
 - vi. Submit this response in single copy, signed, and on letterhead.
3. Response by Contractor to "Contract Change Expected" Construction Change Directive - If the Contractor has been directed by the Architect/Engineer to make the described change subject to later determination of cost or credit, the Contractor shall:
- a. Proceed with the Work, incorporating the described change as appropriate.
 - b. Consult with the Architect/Engineer and reach agreement on the most appropriate method described in Paragraph 7.3.3 of the General Conditions for determining credit or cost for the change.
 - c. Make written reply as described below to the Architect/Engineer in response to each Construction Change Directive.
 - i. State proposed change in the Contract Sum, if any.
 - ii. State proposed change in the Contract Time of Completion, if any.
 - iii. Clearly describe other changes in the Work required by the proposed change, or desirable therewith, if any.
 - iv. Include full backup data such as subcontractor's letter of proposal or similar information.
 - v. Submit this response in single copy, signed, and on letterhead.
4. Agreement on Terms by All Parties -
- a. Contract Adjustment Required - When a Construction Change Directive requires adjustment to either the Contract Time or the Contract Sum and has been agreed upon by all parties, the Architect/Engineer initiates the Change Order Request Summary (a copy of which is included at the end of this Section) and provides it along with appropriate backup data to the University of Florida Project Manager. The University of Florida Project Manager then processes the Change Order as described in Paragraph 1.9.
 - b. Contract Adjustment Not Required - When all parties are in written agreement that a Construction Change Directive does not require

adjustment to the Contract Sum or the Contract Time of Completion, a Change Order is deemed unnecessary.

5. Disagreement on Terms;

- a. "No Change in Contractual Costs or Time" Construction Change Directive - If the Contractor has been directed by the Architect/Engineer to make the described change in the Work at no change in the Contract Sum and no change in the Contract Time of Completion, but the Contractor wishes to make a claim for one or both of such changes, the Contractor shall proceed with the Work and notify the Architect/Engineer of the Contractor's disagreement by indicating any Contract adjustment requested in the written reply (signed and on letterhead) required by Paragraph 1.7.B above.
- b. "Contract Change Expected" Construction Change Directive - When there is disagreement concerning the effect the change described in the Construction Change Directive may, or may not, have on the Contract, the Contractor shall continue to consult with the Architect/Engineer as necessary to reach agreement.

1.8 MAXIMUM PERCENTAGES AND OTHER CONSIDERATIONS OF A CONTRACT SUM CHANGE

The percentage fee for overhead and profit combined, to be added to the Cost of the Change in determining the total cost to the Owner, shall be based upon the following schedule:

- A. For any Work performed by the Contractor's own forces, 15% of the Cost of the Change;
- B. For any Work performed by a Subcontractor or forces under the Subcontractor including any Sub-subcontractors or other persons not in the direct employ of the Subcontractor, a total of 22¹/₂% of the Cost of the Change, with 15% to be assigned to the Subcontractor and any forces under him and 7¹/₂% to be assigned to the Contractor.

1.9 PROCESSING CHANGE ORDERS:

Upon receipt of the Change Order Request Summary (a copy of which is included at the end of this Section) and appropriate backup data from the Architect/Engineer, the University of Florida Project Manager will obtain the appropriate University approvals and have the Change Order issued. This formal authorization is issued to the Contractor as an amendment to the Purchase Order.

UNIVERSITY OF FLORIDA Department of
Housing and Residence Education FACILITIES
MANAGEMENT

BLDG. 753 · (352) 392-2161 · GAINESVILLE, FL 32611

CHANGE ORDER REQUEST SUMMARY

DATE: _____

WORK ORDER NO.: _____

PROJECT NO.: _____ P.O. NO.: _____ BID NO.: _____ C.O. NO.: _____

TITLE: _____

CHANGE ORDER ITEMS WITH BACK-UP
ATTACHMENTS AS NOTED:

SUBTRACT	ADD
NET ADD OR SUBTRACT:	

SUBTRACT

ADD

ORIGINAL CONTRACT SUM

PREVIOUS NET ADD/SUBTRACT:

PRESENT CONTRACT SUM:

THIS CHANGE ADD/SUBTRACT:

NEW CONTRACT SUM:

DAYS/DATE

DATE OF COMPLETION

NOTICE TO PROCEED:		
ORIGINAL CONTRACT TIME:		
PRESENT CONTRACT TIME:		
THIS CHANGE ADD/SUBTRACT:		
NEW CONTRACT TIME:		

APPROVAL	AUTHORIZED SIGNATURES	DATE
ARCHITECT/ENGINEER CONSULTANT:		
PROJECT MANAGER:		
CONSTRUCTION PROJECTS - SUPERVISOR:		
ASSISTANT DIRECTOR:		

SECTION 01340 - SUBMITTALS AND SUBSTITUTIONS

PART 1 - GENERAL

1.1 RELATED SECTIONS:

- A. Documents affecting the work of this Section include, but are not necessarily limited to, the General Conditions, the Supplementary Conditions, and other Sections in Division 1 of these Specifications.
- B. Individual requirements for submittals also may be described in pertinent Sections of these Specifications.

1.2 DESCRIPTION OF WORK:

A. WORK INCLUDED:

Make submittals required by the Contract Documents, and revise and resubmit as necessary to establish compliance with the specified requirements.

B. WORK NOT INCLUDED:

- 1. Un-required submittals will not be reviewed by the Architect/Engineer.
- 2. The Contractor may require his subcontractors to provide drawings, setting diagrams, and similar information to help coordinate the Work, but such data shall remain between the Contractor and his Subcontractors and will not be reviewed by the Architect/Engineer.

1.3 QUALITY ASSURANCE:

A. COORDINATION OF SUBMITTALS:

- 1. Prior to each submittal, carefully review and coordinate all aspects of each item being submitted.
- 2. Verify that each item and the submittal for it conform in all respects with the specified requirements.
- 3. By affixing the Contractor's signature to each submittal, certify that this coordination has been performed.

B. SUBSTITUTIONS:

1. The Contract is based on the standards of quality established in the Contract Documents. Substitutions will be considered only when approved by the A/E prior to the bid opening. If bids are based on equivalent products, indicate on the Bid Proposal Form (Bid Form 00310-1) the manufacturer's name and catalog number. Bidder shall submit, ten (10) days prior to the bid opening, cut sheets, sketches, and descriptive literature, and/or complete specifications. The Bidder shall also explain in detail the reason why the proposed equivalent will meet the specifications and not be considered an exception thereto.
2. The following products do not require further approval except for interface within the Work.
 - a. Products specified by reference to standard specifications such as ASTM and similar standards.
 - b. Products specified by manufacturer's name and catalog model number.
3. Do not substitute materials, equipment, or methods unless such substitution has been specifically approved in writing for this work by the Architect/Engineer.

C. "OR EQUAL",

1. Where the phrase "or equal", or "or equal as approved by the Architect/ Engineer", occurs in the Contract Documents, do not assume that the materials, equipment, or methods will be approved as equal unless the item has been specifically so approved for this Work by the Architect/ Engineer.
2. The decision of the Architect/Engineer shall be final.

1.4 SUBMITTALS:

Make submittals of Shop Drawings, Samples, substitution requests, and other items in accordance with the provisions of this Section.

PART 2 - PRODUCTS

2.1 SHOP DRAWINGS:

A. SCALE AND MEASUREMENTS:

Make Shop Drawings accurately to a scale sufficiently large to show all pertinent aspects of the item and its method of connection to the work.

B. TYPES OF PRINTS REQUIRED:

Submit Shop Drawings in the form of one sepia transparency of each sheet plus three blue line or black line prints of each sheet.

- C. Review comments of the Architect/Engineer will be shown on the sepi transparency when it is returned to the Contractor. The Contractor may make and distribute such copies as are required for his purposes.

2.2 MANUFACTURER'S LITERATURE:

- A. Where contents of submitted literature from manufacturers includes data not pertinent to the submittal, clearly show which portions of the contents are being submitted for review.
- B. Submit 4 copies more than the contractor needs for ordering purposes. One copy will be retained by the Architect/Engineer.

2.3 SAMPLES:

- A. Provide Sample or Samples identical to the precise article proposed to be provided. Identify as described under "Identification of Submittals" below.
- B. NUMBER OF SAMPLES REQUIRED:
 - 1. Unless otherwise specified, submit 3 samples. One will be retained by the Architect/Engineer.
 - 2. By prearrangement in specific cases, a single Sample may be submitted for review, and when approved, be installed in the work at a location agreed upon by the Architect/Engineer.

2.4 COLORS AND PATTERNS:

Unless the precise color and pattern is specifically called out in the Contract Documents, and whenever a choice of color or pattern is available in the specified products, submit accurate color and pattern charts to the Architect/Engineer for selection.

PART 3 - EXECUTION

3.1 IDENTIFICATION OF SUBMITTALS:

- A. Consecutively number all submittals.
 - 1. When material is resubmitted for any reason, transmit under a new letter of transmittal and with a new transmittal number.
 - 2. On re-submittals, cite the original submittal number for reference.
- B. Accompany each submittal with a letter of transmittal showing all information required for identification and checking.

- C. On at least the first page of each submittal, and elsewhere as required for positive identification, show the submittal number in which the item was included.
- D. Maintain an accurate submittal log for the duration of the Work, showing current status of all submittals at all times. Make the submittal log available to the Architect/Engineer for his review upon request.

3.2 GROUPING OF SUBMITTALS:

Unless otherwise specified, make submittals in groups containing all associated items to assure that information is available for checking each item when it is received.

- A. Partial submittals may be rejected as not complying with the provisions of the Contract.
- B. The Contractor may be held liable for delays caused by non-complying submittals.

3.3 TIMING OF SUBMITTALS:

- A. Make submittals far enough in advance of scheduled dates for installation to provide time required for reviews, for securing necessary approvals, for possible revisions and re-submittals, and for placing orders and securing delivery.
- B. In scheduling, allow at least ten working days for review by the Architect/Engineer following his receipt of the submittal.

3.4 ARCHITECT/ENGINEER'S REVIEW:

- A. Review by the Architect/Engineer does not relieve the Contractor from responsibility for errors that may exist in the submitted data.
- B. REVISIONS:
 - 1. The Contractor shall make the revisions required by the Architect/Engineer.
 - 2. If the Contractor considers any required revision to be a change, he shall so notify the Architect/Engineer as provided for in Paragraph 12.3 of the General Conditions.
 - 3. The Contractor shall make only those revisions as directed or approved by the Architect/Engineer.

END OF SECTION

SECTION 01370 - SCHEDULE OF VALUES

PART 1 - GENERAL

1.1 RELATED SECTIONS:

- A. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
- B. The Schedule of Values is required under Article 9.2 of the General Conditions (AIA Document A201, 1976 Edition per Section 00700).

1.2 DESCRIPTION OF WORK INCLUDED:

- A. Provide a detailed breakdown of the agreed Contract Sum showing values allocated to each of the various parts of the Work, as specified herein and in other provisions of the Contract Documents.
- B. The breakdown of the Work shall be made according to the format of the Construction Specifications Institute's "Master List of Titles and Numbers for the Construction Industry" (1988 Edition).

1.3 QUALITY ASSURANCE:

- A. Use required means to assure arithmetical accuracy of the sums described.
- B. When so required by the Architect/Engineer, provide copies of the subcontracts or other data acceptable to the Architect/Engineer, substantiating the sums described.

1.4 SUBMITTALS:

Within ten (10) days after receipt of Notice to Proceed, the Contractor shall submit a proposed Schedule of Values to the Architect/Engineer.

- A. Meet with the Architect/Engineer and determine additional data, if any, required to be submitted.
- B. Secure the Architect/Engineer's approval of the Schedule of Values prior to submitting first application for payment.
- C. Submit Schedule of Values with each pay request indicating the percentage of work completed.

END OF SECTION

SECTION 09900 - PAINTING

PART 1 - GENERAL

1.1 RELATED SECTIONS

- A. Division 0, Section 00700 - General Conditions and Section 00800 - Supplementary Conditions and Division 1, General Requirements form an integral part of this Section of Work. The Painting contractor shall refer to these and all other related parts.

1.2 SUMMARY

- A. This Section includes surface preparation and the application of paint systems on the following interior substrates:
 - 1. Concrete.
 - 2. Concrete masonry units (CMU).
 - 3. Steel.
 - 4. Galvanized metal.
 - 5. Aluminum (not anodized or otherwise coated).
 - 6. Wood.
 - 7. Gypsum board.
 - 8. Plaster.
- B. Section Includes: All labor, materials, tools and other equipment, services and supervision required to complete all interior painting and decorating work as indicated on Finish Schedules and to the full extent of the drawings and specifications.
- C. [Provide Unit Prices] for items indicated [on the Quote Form].
- D. Work under this Contract shall also include, but not necessarily be limited to:
 - 1. Moisture testing of substrates.
 - 2. Surface preparation of substrates as required for acceptance of paint, including cleaning, [including, but not limited to removing staples, tape and stickers], small crack repair [hole up to 2 inches in diameter], patching, caulking, making good surfaces and areas, pre-treatment, priming and back-priming to the limits defined under *MPI* Repainting / Painting Manual Preparation requirements.
 - 3. Specific pre-treatments noted herein or specified in the *MPI* Repainting / Painting manual.
 - 4. Sealing / priming surfaces for repainting / painting in accordance with *MPI* Repainting / Painting Manual requirements.
 - 5. Provision of safe and adequate ventilation as required over and above temporary ventilation supplied by other, where toxic and/or volatile / flammable materials are being used.
- E. Refer to drawings and schedules (e.g., Finish Schedule) for type, location and extent of interior repainting / painting required, and include all touch-ups necessary to complete work shown, scheduled or specified.
- F. This Section along with the drawings forms part of the Contract documents and is to be read, interpreted and coordinated with all other parts.

1.3 References:

- A. The latest edition of the following reference standards shall govern all painting work:
 - 1. Architectural Painting Specification Manual by the Master Painters Institute (MPI), including Identifiers, Evaluation, Systems, Preparation and Approved Product List. (Hereafter referred to as the *MPI* Painting Manual) as issued by the local *MPI* Accredited Quality Assurance Association having jurisdiction.
 - 2. Test Method for Measuring Total Volatile Organic Compound Content of Consumer Products, Method 24 (for Surface Coatings) of the Environmental Protection Agency (EPA).
 - 3. National Fire Code.

1.4 SUBMITTALS

- A. All submittals shall be in accordance with the requirements of Section 01300 – Submittals.
- B. Submit list of all painting materials to the Project Manager for review prior to ordering materials.
- C. Submit Manufacturer's Product Data: For each type of product indicated.
 - 1. Include manufacturers' product data for paints, including printed statement of VOC content and chemical components.
- D. Submit electronically one set of Material Safety Data Sheets (MSDS) prior to commencement of work for review and for posting at job site as required.
- E. Submit invoice list of all paint materials ordered for project work to Project Manager indicating manufacturer, type and quantities for verification and compliance with specification and design requirements if requested.
- F. Product List: For each product indicated, include the following:
 - 1. Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules.
 - 2. Printout of current "MPI Approved Products List" for each product category specified in Part 2, with the proposed product highlighted.
- G. At project completion provide recycling documentation. Required for final payment.
- H. At project completion provide properly packaged maintenance materials as noted herein and obtain a signed receipt. Package includes an itemized list complete with manufacturer, paint type and color coding for all colors used for Owner's later use in maintenance. Required for final payment.

1.5 QUALITY ASSURANCE

- A. This Contractor shall have a minimum of five (5) years proven satisfactory experience and shall show proof before commencement of work that s/he will maintain a qualified crew of painters throughout duration of the work. When requested, Contractor shall provide a list of the last three comparable exterior repainting jobs including, name, location, specifying authority / project manager, start / completion dates and value of the work.
- B. Only qualified journeypersons, as defined by local jurisdiction, shall be engaged in interior repainting or painting work. Apprentices may be employed provided they work under the direct supervision of a qualified journeyperson in accordance with trade regulations.

Painting

- C. All surfaces requiring repainting / painting shall be inspected by the Painting Contractor who shall notify the Project Manager in writing of any defects or problems, prior to commencing repainting / painting or after preparation work. Check list format will be provided by Project Manager.
- D. All interior repainting / painting work shall be inspected by the Project Manager. The Painting Contractor shall notify the Project Manager when each area / room at each stage of the painting for approval prior to additional work. After award of contract the method of approval will be provided in writing by the Project Manager.
- E. MPI Standards:
 - 1. Products: Complying with MPI standards indicated and listed in "MPI Approved Products List."
 - 2. Preparation and Workmanship: Comply with requirements in "MPI Project Architectural Repainting and Painting Specification Manual" for products and paint systems indicated.
- F. Mockups: Apply benchmark samples of paint system indicated for each color and finish selected to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Prepare and repaint / paint a designated interior surface, area, room or item to requirements specified herein, with specified paint or coating showing selected colors, gloss / sheen, texture and workmanship for review and approval by Project Manager. When approved, interior surface, area, room and/or items shall become acceptable standard of finish quality and workmanship for similar on-site repainting work.
 - a. Wall and Ceiling Surfaces: Provide samples of at least 100 sq. ft. (9 sp. m).
 - b. Other Items: Project Manager will designate items or areas required. Including but not limited to the following:
 - 1) Prepared surfaces
 - 2) Primed surface
 - 3) Final coated surface
 - 4) Doors & Frames
 - 2. Final approval of quality of work will be based on the benchmark surface, area, room or item.

1.6 REGULATORY REQUIREMENTS

- A. Conform to work place safety regulations for storage, mixing, application and disposal of all paint related materials to requirements of those authorities having jurisdiction.
- B. Conform to safety precautions in accordance with the latest requirements to Industrial Health and Safety Regulations, latest edition, of authorities having jurisdiction.
- C. To reduce the amount of contaminants entering waterways, sanitary / storm drain systems or into the ground the following procedures shall be strictly adhered to:
 - 1. Retain cleaning water for water-based materials to allow sediments to be filtered out. In no case shall equipment be cleaned using free draining water. A sink will be designated for cleaning and the Contractor is responsible for this area. Project Manager will monitor and control this area for appropriate and/or continued use.
 - 2. Retain cleaners, thinners, solvents and excess paint and place in designated containers and ensure proper disposal.
 - 3. Return solvent and oil soaked rags used during painting operations for contaminant recovery, proper disposal, or appropriate cleaning and laundering.
 - 4. Dispose of contaminants in an approved legal manner in accordance with hazardous waste regulations.
 - 5. Empty paint cans are to be dry prior to disposal or recycling (where available).
 - 6. Close and seal tightly partly used cans of materials including sealant and adhesive containers and store protected in well ventilated fire-safe area at moderate temperature.
- D. Where paint recycling is available, collect waste paint by type and provide for delivery to recycling or collection facility. When recycling refer to 1.3, Submittals for requirement

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store all painting materials in sealed, original labeled containers bearing manufacturer's name, brand name, type of paint or coating and color designation, standard compliance, materials content as well as mixing and/or reducing and application requirements in strict accordance with manufacturer and **MPI** requirements.
- B. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C).
 - 1. Maintain containers in clean condition, free of foreign materials and residue.
 - 2. Remove rags and waste from storage areas daily.

1.8 PROJECT CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F (10 and 35 deg C).
- B. Do not apply paints when relative humidity exceeds 85 percent; at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.
- C. Apply paint only to dry, clean, and adequately prepared surfaces in areas where dust is no longer generated by construction activities such that airborne particles will not affect the quality of finished surfaces.

1.9 MAINTENANCE MATERIALS

- A. Furnish extra materials described below that are from same production run (batch mix) as materials applied and that are packaged for storage and identified with labels describing contents.
 - 1. Quantity: Furnish an additional **5 (1)** gallons in the trim color. Furnish not less than 10 gal. of the primary wall material.

1.10 SCHEDULING

- A. Schedule repainting and painting operations to prevent disruption of and by other trades when applicable.
- B. Schedule repainting and painting operations to prevent disruption or delay to the Owner's construction schedule. Obtain written authorization from Consultant / Owner for changes in work schedule.
- C. Phased work shall be in accordance with the requirements of Sections 01010 - Summary of Work

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work are limited to the following:
1. PPG Pittsburgh Paints 6-500
 2. Sherwin Williams Pro-Mar 200

2.2 MATERIALS

- A. All materials (primers, paints, coatings, varnishes, stains, lacquers, fillers, thinners, solvents, etc.) shall be products listed in the latest edition of the MPI Approved Product List and shall be from a single manufacturer for each system used.
- B. Other paint materials such as linseed oil, shellac, turpentine, etc. shall be the highest quality product of an approved manufacturer listed in the MPI Approved Product List and shall be compatible with other coating materials as required.
- C. All materials and paints shall be lead and mercury free.
- D. Where required, paint products shall meet MPI Environmentally Friendly
1. [E2 - E3] ratings based on VOC (EPA Method 24) content levels.
 2. EPR ratings [EPR 2 – EPR 3].
- E. All paint materials shall have good flowing and brushing properties and shall dry or cure free of blemishes, sags, air entrapment, etc. Refer to 3.5, Field Quality Control / Standard of Acceptance requirements.
- F. Where required, paints and coatings shall meet flame spread and smoke developed ratings designed by local Code requirements and/or authorities having jurisdiction.

2.3 EQUIPMENT

- A. Painting Equipment: to best trade standards for type of product and application.
- B. Spray-Painting Equipment will not be utilized

2.4 MIXING AND TINTING:

- A. Unless otherwise specified or pre-approved, all paints shall be ready-mixed and pre-tinted. Re-mix all paint in containers prior to and during application to ensure break-up of lumps, complete dispersion of settled pigment, and color and gloss uniformity.

Painting

- B. Where thinner is used, addition shall not exceed paint manufacturer's recommendations.
- C. If required, thin paint for spraying in strict accordance with paint manufacturer's instructions. If directions are not on container, obtain instructions in writing from manufacturer and provide copy of instructions to Project Manager.

2.5 FINISH AND COLOR

- A. Unless otherwise specified herein, all exterior repainting work shall be done in accordance with MPI Premium Grade requirements. Premium Grade will be one primer and two finish coats.
- B. Colors: Refer to the Finish Schedule and Paint Legend for identification and location. The color selection schedule will be furnished after award of the Contract, except general requirements shall be as noted herein.

Generally and unless otherwise specified herein or noted on Finish Schedules the quantity of colors and finishes shall be based on the following criteria:

1. Interior colors and/or patterns shall be consistent throughout each unit.
2. Unless otherwise noted, repaint walls within a given area using the same color as selected.
3. Ceilings shall be repainted the same color as walls.
4. Corridors shall be repainted the same color on all floors, with a separate color scheme prepared for doors and trim.
5. Except as noted herein or indicated on the Finish Schedule, walls and ceiling surfaces shall be painted and/or repainted in accordance with the following criteria:
 - a. All areas (except as noted): latex with G5 (semi-gloss) finish.
 - b. Laundry facilities / rooms, trash rooms, bathrooms, residential kitchens and bathrooms and en suites: latex with G5 (semi-gloss) finish.
 - c. Bathing and shower rooms: epoxy (tile-like) G5 (semi-gloss) finish for wet surfaces.
6. Hollow metal doors shall be repainted the same color as the door frames and trim with walls a different color than either. Unless otherwise noted or scheduled all doors, frames and trim shall be repainted using a G5 (semi-gloss) finish.
7. Laminated wood doors should not be painted.
8. Access doors, registers, radiator and covers, exposed piping and electrical panels shall be repainted to match door frames (i.e. color, texture and sheen), unless otherwise noted or where pre-finished.
9. Replace any existing stenciling on walls covered up during painting.

2.6 GLOSS / SHEEN

- A. Paint gloss shall be defined as the sheen rating of applied paint, in accordance with the following MPI gloss / sheen standard values:

Gloss Level	Description	Units @ 60 degrees	Units @ 85 degrees
G1	Matte or Flat finish	0 to 5	10 maximum
G2	Velvet finish	10 maximum	10 to 35
G3	Eggshell finish	10 to 25	10 to 35
G4	Satin finish	20 to 35	35 minimum
G5	Semi-Gloss finish	35 to 70	
G6	Gloss finish	70 to 85	
G7	High-Gloss finish	> 85	

- B. Gloss level ratings of all painted surfaces shall be as specified herein and as noted on the Finish Schedule.

2.7 PAINT, GENERAL

A. Material Compatibility:

- 1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
- 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.

B. Chemical Components of Field-Applied Interior Paints and Coatings: Provide products that comply with the following limits for VOC content, exclusive of colorants added to a tint base, when calculated according to 40 CFR 59, Subpart D (EPA Method 24) and the following chemical restrictions; these requirements do not apply to primers or finishes that are applied in a fabrication or finishing shop:

- 1. Flat Paints and Coatings: VOC content of not more than 50 g/L.
- 2. Nonflat Paints and Coatings: VOC content of not more than 150 g/L.
- 3. Aromatic Compounds: Paints and coatings shall not contain more than 1.0 percent by weight of total aromatic compounds (hydrocarbon compounds containing one or more benzene rings).
- 4. Restricted Components: Paints and coatings shall not contain any of the following:

a. Acrolein.	m. Ethylbenzene.
b. Acrylonitrile.	n. Formaldehyde.
c. Antimony.	o. Hexavalent chromium.
d. Benzene.	p. Isophorone. Lead.
e. Butyl benzyl phthalate.	q. Mercury.
f. Cadmium.	r. Methyl ethyl ketone.
g. Di (2-ethylhexyl) phthalate.	s. Methyl isobutyl ketone.
h. Di-n-butyl phthalate.	t. Methylene chloride.
i. Di-n-octyl phthalate.	u. Naphthalene.
j. 1,2-dichlorobenzene.	v. Toluene (methylbenzene).
k. Diethyl phthalate.	w. 1,1,1-trichloroethane.
l. Dimethyl phthalate.	x. Vinyl chloride.

PART 3 - EXECUTION

3.1 CONDITION OF SURFACES:

- A. Prior to commencement of repainting work, thoroughly examine (and test as required) all interior conditions and surfaces scheduled to be repainted and report in writing to the Project Manager where applicable any conditions or surfaces that will adversely affect work of this section.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
 - 1. Concrete: 12 percent.
 - 2. Masonry (Clay and CMU): 12 percent.
 - 3. Wood: 15 percent.
 - 4. Gypsum Board: 12 percent.
 - 5. Plaster: 12 percent.

- C. Begin coating application only after unsatisfactory conditions have been corrected and surfaces are dry.
 - 1. Beginning coating application constitutes Contractor's acceptance of substrates and conditions.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Project Architectural Painting and Repainting Specification Manual" applicable to substrates indicated
- B. Sand, clean, dry, etch, neutralize and/or test all surfaces under adequate illumination, ventilation and temperature requirements.
- C. Patch holes up to 2" in diameter and the removal of tape, nails, staples, and other items.
- D. Remove and securely store all miscellaneous hardware and surface fittings / fastenings (e.g. electrical plates, mechanical louvers, door and window hardware (e.g. hinges, knobs, locks, trim, frame stops), removable rating / hazard / instruction labels, washroom accessories, light fixture trim, etc. from wall and ceiling surfaces, doors and frames, prior to repainting and replace upon completion. Carefully clean and replace all such items upon completion of repainting work in each area. Do not use solvent or reactive cleaning agents on items that will mar or remove finishes (e.g. lacquer finishes). Doors shall be removed before repainting to paint bottom and top edges and then re-hung.
- E. Remove plates, machined surfaces, and similar items already in place that are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
- F. Protect all adjacent interior surfaces and area, including rating and instruction labels on doors, frames, equipment, piping, etc., from repainting operations and damage by drop cloths, shields, masking, templates, or other suitable protective means and make good any damage caused by failure to provide such protection.
 - 1. [Failure to provide appropriate protection during spray-painting applications may result in restriction of spray-painting equipment use for any remaining work.
- G. Clean substrates of substances that could impair bond of paints, including dirt, oil, grease, and incompatible paints and encapsulants.
 - 1. Remove incompatible primers and re-prime substrate with compatible primers as required to produce paint systems indicated.
 - 2. Concrete Substrates: Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.
 - 3. Concrete Masonry Substrates: Remove efflorescence and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.
 - 4. Galvanized-Metal Substrates: Remove grease and oil residue from galvanized sheet metal fabricated from coil stock by mechanical methods to produce clean, lightly etched surfaces that promote adhesion of subsequently applied paints.
 - 5. Aluminum Substrates: Remove surface oxidation.
 - 6. Wood Substrates:
 - a. Scrape and clean knots, and apply coat of knot sealer before applying primer.
 - b. Sand surfaces that will be exposed to view, and dust off.
 - c. Prime edges, ends, faces, undersides, and backsides of wood.

- d. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried.
- 7. Gypsum Board Substrates: Do not begin paint application until finishing compound is dry and sanded smooth.
- 8. Plaster Substrates: Do not begin paint application until plaster is fully cured and dry.

3.3 APPLICATION

- A. Apply paints according to manufacturer's written instructions.
 - 1. Use applicators and techniques suited for paint and substrate indicated.
 - 2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 - 3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
- B. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- C. Apply primer, paint or stain in accordance with MPI Painting Manual Premium Grade finish requirements. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.
- D. Do not commence repainting unless substrates and all environmental conditions are acceptable for the application of products.
- E. Apply primer, paint or stain within an appropriate time frame after cleaning when environmental conditions encourage flash-rusting, rusting, contamination or the manufacturer's paint specifications require earlier applications.
- F. Primer, paint or stain coats specified are intended to cover surfaces satisfactorily when applied at proper consistency and in accordance with manufacturer's recommendations.
- G. To avoid air entrapment in applied coats, apply materials in strict accordance with manufacturer's spread rates and application requirements.

3.4 Mechanical and Electrical Equipment:

- A. Do not paint over name plates or instruction labels.
 - 1. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
- B. Keep repainted sprinkler head free of paint.

3.5 FIELD QUALITY CONTROL / STANDARD OF ACCEPTANCE

- A. All surfaces, preparation and paint applications shall be inspected.
- B. Painted surfaces shall be considered to lack uniformity and soundness in accordance with defects noted in the **MPI** Manuals. Within this section includes key excerpts from the MRI Manual long form and do not

limit the requirement to adhere to the MPI standards. Refer to long form specification - Field Quality Control / Standard of Acceptance.

- C. Repainted and/or new painted interior surfaces shall be considered to lack uniformity and soundness if any of the following defects are apparent to the Project Manager:
 - 1. brush / roller marks, streaks, laps, runs, sags, drips, heavy stippling, hiding or shadowing by inefficient application methods, skipped or missed areas, and foreign materials in paint coatings.
 - 2. damage due to touching before paint is sufficiently dry or any other contributory cause.
 - 3. damage due to application on moist surfaces or caused by inadequate protection or testing.
 - 4. damage and/or contamination of paint due to windblown contaminants (dust, etc.).

- D. Repainted and/or interior surfaces shall be considered unacceptable if any of the following are evident under natural lighting conditions:
 - 1. visible defects are evident on vertical surfaces when viewed at 90 degrees to the surface from a distance of 1000 mm (39”).
 - 2. visible defects are evident on horizontal surfaces when viewed at 45 degrees to the surface from a distance of 1000 mm (39”).
 - 3. visible defects are evident on soffit and other overhead surfaces when viewed at 45 degrees to the surface
 - 4. when the final coat on any surface exhibits a lack of uniformity of sheen across full surface area.

- E. Repainted and/or painted surfaces rejected by the Project Manager shall be made good at the expense of the Contractor. Small affected areas may be touched up; large affected areas or areas without sufficient dry film thickness of paint shall be repainted. Runs, sags of damaged paint shall be removed by scraper or by sanding prior to application of paint.

- F. Testing of Paint Materials: Owner reserves the right to invoke the following procedure at any time and as often as Owner deems necessary during the period when paints are being applied:
 - 1. Owner will engage the services of a qualified testing agency to sample paint materials being used. Samples of material delivered to Project site will be taken, identified, sealed, and certified in presence of Contractor.
 - 2. Testing agency will perform tests for compliance with product requirements.
 - 3. Owner may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove noncomplying-paint materials from Project site, pay for testing, and repaint surfaces painted with rejected materials. Contractor will be required to remove rejected materials from previously painted surfaces if, on repainting with complying materials, the two paints are incompatible.

3.6 PROTECTION

- A. Protect all furniture and moveable contents against damage from paint application. Furniture shall remain in room(s)/area(s) and Contractor will return any shifted items to the appropriate locations as approved by the Project Manager.

- B. Protect all areas from overspray during paint applications. [Failure to use appropriate protection shall result with elimination of spray-painting equipment for additional work.]

- C. Erect barriers or screens and post signs to warn, limit or direct traffic away or around work area as required. Indicate freshly painted surfaces with “Wet Paint” signs.

- D. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Project Manager, and leave in an undamaged condition.

- E. Protect finished work until the project is turned over to the Owner

Painting

1. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.7 CLEANING

- A. Keep work area free from an unnecessary accumulation of tools, equipment, surplus materials and debris.
- B. Remove combustible rubbish materials and empty paint cans each day and safely dispose of same from the Project site and in accordance with requirements of authorities having jurisdiction.
- C. Clean equipment and dispose of wash water / solvents as well as all other cleaning and protective materials (e.g. rags, drop cloths, masking papers, etc.), paints, thinners, paint removers/strippers in accordance with the safety requirements of authorities having jurisdiction.
- D. Remove all paint where spilled, splashed, splattered or sprayed as work progresses using means and materials that are not detrimental to affected surfaces. Do not scratch or damage adjacent finished surfaces.
- E. After paint application in an area or room reposition / return furniture in the appropriate positions.

3.8 PAINT SCHEDULE

All codes are PPG Pittsburgh Paint

Application	Primer	Intermediate Coat	Top Coat
<i>New Construction</i>			
CMU (Interior)	SpeedHide 6-7	SpeedHide 6-500	SpeedHide 6-500
C.I.P. Concrete (Int.)	Perma Crete 4-603	SpeedHide 6-500	SpeedHide 6-500
Gypsum Wall Board	SpeedHide 6-2	SpeedHide 6-500	SpeedHide 6-500
H.M. Doors & Frames	Pitt-Tech Plus 90-912	Pitt-Tech Plus 90-1210	Pitt-Tech Plus 90-1210
Wood Doors, Frames, Trim	Seal-Grip 17-921	SpeedHide 6-500	SpeedHide 6-500
Exterior Stucco, Concrete	Perma Crete 4-603	Sun-Proof 78-45	Sun-Proof 78-45
CMU (Exterior)	SpeedHide 6-15	Sun-Proof 78-45	Sun-Proof 78-45
<i>Previously Painted Surfaces</i>			
CMU (Interior)	SpeedHide 6-2	SpeedHide 6-500	SpeedHide 6-500
C.I.P. Concrete (Int.)	SpeedHide 6-2	SpeedHide 6-500	SpeedHide 6-500
Gypsum Wall Board	SpeedHide 6-2	SpeedHide 6-500	SpeedHide 6-500
H.M. Doors & Frames	Pitt-Tech Plus 90-912*	Pitt-Tech Plus 90-1210	Pitt-Tech Plus 90-1210
Wood Doors, Frames, Trim	Seal-Grip 17-921*	SpeedHide 6-500	SpeedHide 6-500
Exterior Stucco, Concrete	Perma-Crete 4-809*	Sun-Proof 78-45	Sun-Proof 78-45
CMU (Exterior)	Perma-Crete 4-809*	Sun-Proof 78-45	Sun-Proof 78-45

*- If Required.

PART 4 - SCOPES OF WORK

4.1 Lakeside 1182

- A. This scope of work covers painting of Lakeside 1182 Student Rooms on 1st, 2nd, & 3rd floors. Approximate time frame for painting will be May 1st – June 2nd
- B. Contractor will be responsible for Painting all student apartments,
- C. Contractor will be responsible for movement of furniture to the middle of room, protection of furniture, and placement back to original positions.
- D. Contractor will be limited to brushing and/or rolling for this project – spraying will be permitted for ceilings only.
- E. Provide an hourly allowance in quote for a skilled painter and helper for 48 man-hours (24 man-hours ea.) of minor patching, caulking, touch-up, etc. as directed by DHRE. Contractor to provide all material, labor, tools, & equipment.
- F. Student Rooms:
 - 1. Prep, prime, and paint dorm rooms on all 4 walls.
 - 2. Removal of all tape, nails, Stickers, etc., is considered part of standard preparation.
 - 3. All caulking and painting around windows and window trim.
 - 4. **Cover and Protect all fire sprinkler Heads and Alarm Panels and strobes with DHRE approved cover**
 - 5. Remove all cover plates from devices, reinstall upon completion of painting
 - 6. Bag all blinds and / or curtains, remove upon completion of painting
 - 7. Prep. And Repaint all access panels
 - 8. Cover all smoke detectors
 - 9. Prep, Prime and paint (2 coats) on Student room doors and frames. Lite orbital Sanding required prior to priming
 - 10. Wipe down all walls so that they are free of dust prior to prime coat and must be inspected before painting continues.

G. Paint Colors: **Take note of existing color schemes which vary by floor.**

1st and 3rd floor corridor Doors & frames, student doors and frames, and bathroom doors and frames:

Primer – PPG Pitt Tech Plus DTM Latex Primer 90-912 tinted to “Quicksilver”

Paint (top coat) - PPG Pitt Tech Plus DTM Latex Paint 90-1210 tinted to “Quicksilver”

2nd floor corridor Doors & frames, , student doors and frames, and bathroom doors and frames:

Primer – PPG Pitt Tech Plus DTM Latex Primer 90-912 tinted to “Cathedral Glass”

Paint (top coat) - PPG Pitt Tech Plus DTM Latex Paint 90-1210 tinted to “Cathedral Glass”

Student Room walls:

PPG Speed hide Interior Enamel Latex Paint Semi-Gloss 6-500 tinted to China White

4.2 SPRINGS 1082

- A. This scope of work covers painting of Springs Building #1082
- B.
- C. . 1st, 2nd, 3rd and 4th Floors
The project has a begin date of May 1st, and an end date June 2nd
- D. Contractor will be responsible for all student apartments (including closets and bathrooms),
- C. **Contractor will be limited to brushing and/or rolling for this project – no spraying will be permitted.**
- D. Contractor will be responsible for movement of furniture to the middle of room, protection of furniture, and placement back to original positions.
- E. Provide an hourly allowance in quote for a skilled painter and helper for 48 man-hours (24 man-hours ea.) of minor patching, caulking, touch-up, etc. as directed by DHRE. Contractor to provide all material, labor, tools, & equipment.
- F. Apartments (1st through 4th floors):
 - 1. Prep, prime, and paint (2 coats) all existing walls and ceilings in bedrooms & closets.
 - 2. No painting work in bathrooms except for hollow metal frames.
 - 3. **Closet ceilings are part of contractor's scope.**
 - 4. Prep, prime, and paint (2 coats) existing hollow metal doors and frames (both sides) into bedrooms, bathrooms and closets (DO NOT paint hinges, labels, or any other hardware).
 - 5. **Take note of existing color schemes which vary by floor.**
 - 6. Removal of all tape, nails, Stickers, etc., is considered part of standard preparation.
 - 7. All caulking and painting around windows and window trim.
 - 8. **Cover and Protect all fire sprinkler Heads and Alarm Panels and strobes with DHRE approved cover**
 - 9. Remove all cover plates from devices, reinstall upon completion of painting
 - 10. Bag all blinds and / or curtains, remove upon completion of painting
 - 11. Prep. And Repaint all access panels
 - 12. Cover all smoke detectors each day during the day and must be removed at each evening
 - 13. Prep, Prime and paint (2 coats) on Student room metal doors and frames.
Lite orbital Sanding required prior to priming
 - 14. Wipe down all walls so that they are free of dust prior to prime coat and must be inspected before painting continues.
 - 15. Contractor to bondo and sand all holes at the bathroom entrance doors where the privacy chains once were located.

Wall color is "China white"

Door/Frame paint is:

1st and 3rd floor corridor Doors & frames, bathroom doors & frames, & room closet frames:

Primer – PPG Pitt Tech Plus DTM Latex Primer 90-912 tinted to “Prussian Blue”

Paint (top coat) - PPG Pitt Tech Plus DTM Latex Paint 90-1210 tinted to “Prussian Blue”

2nd and 4th floor corridor Doors & frames, bathroom doors & frames, & room closet frames:

Painting

Primer – PPG Pitt Tech Plus DTM Latex Primer 90-912 tinted to “Cathedral Glass”

Paint (top coat) - PPG Pitt Tech Plus DTM Latex Paint 90-1210 tinted to “Cathedral Glass”

4.3 . NORTH

- A. This scope of work covers painting of North Student Rooms on 1st, 2nd, 3rd, and 4th floors. Approximate time frame for painting will be May 1st – June 2nd
 - B. Contractor will be responsible for Painting all student rooms,
 - C. Contractor will be responsible for movement of furniture to the middle of room, protection of furniture, and placement back to original positions.
 - D. **Contractor will be limited to brushing and/or rolling for this project**
 - E. Provide an hourly allowance in quote for a skilled painter and helper for 48 man-hours (24 man-hours ea.) of minor patching, caulking, touch-up, etc. as directed by DHRE. Contractor to provide all material, labor, tools, & equipment.
- F. Student Rooms:
- 1. Prep, prime, and paint dorm rooms on all 4 walls.(Base will be painted same color as walls)
 - 2. Removal of all tape, nails, Stickers, etc., is considered part of standard preparation.
 - 3. All caulking and painting around windows and window trim.
 - 4. **Cover and Protect all fire sprinkler Heads and Alarm Panels and strobes with DHRE approved cover**
 - 5. Remove all cover plates from devices, reinstall upon completion of painting
 - 6. Bag all blinds and / or curtains, remove upon completion of painting
 - 7. Prep. And Repaint all access panels
 - 8. Cover all smoke detector
 - 9. Wipe down all walls so that they are free of dust prior to prime coat and must be inspected before painting continues.

G. Paint Colors:

Student Room walls:

PPG Speed hide Interior Enamel Latex Paint Semi-Gloss 6-500 tinted to China White

Student Room Door Frames:

N/A

4.4 . REID

- A. This scope of work covers painting of Reid Student Rooms on 1st, 2nd, 3rd, and 4th, floors. Approximate time frame for painting will be May 1st – June 2nd
- B. Contractor will be responsible for Painting all student rooms,
- C. Contractor will be responsible for movement of furniture to the middle of room, protection of furniture, and placement back to original positions.
- D. **Contractor will be limited to brushing and/or rolling for this project**
- E. Provide an hourly allowance in quote for a skilled painter and helper for 48 man-hours (24 man-hours ea.) of minor patching, caulking, touch-up, etc. as directed by DHRE. Contractor to provide all material, labor, tools, & equipment.

F. Student Rooms:

- 1. Prep, prime, and paint dorm rooms on all 4 walls.
- 2. Removal of all tape, nails, Stickers, etc., is considered part of standard preparation.
- 3. All caulking and painting around windows and window trim.
- 4. **Cover and Protect all fire sprinkler Heads and Alarm Panels and strobes with DHRE approved cover**
- 5. Remove all cover plates from devices, reinstall upon completion of painting
- 6. Bag all blinds and / or curtains, remove upon completion of painting
- 7. Prep. And Repaint all access panels
- 8. Cover all smoke detectors
- 9. Prep, Prime and paint (2 coats) on Student room door frames.
Lite orbital Sanding required prior to priming
- 10. Wipe down all walls so that they are free of dust prior to prime coat and must be inspected before painting continues.
- 11. **Special attention needs to be put towards protecting the portable A/C units and their filters.**

G. Paint Colors:

Student Room walls:

PPG Speed hide Interior Enamel Latex Paint Semi-Gloss 6-500 tinted to China White

Student Room Door Frames:

PPG PPG Pitt Tech Plus DTM Latex Paint 90-1210 tinted to “Hat Box Brown”

4.5 GRAHAM

- A. This scope of work covers painting of Graham Hall Student Rooms on Ground, 1st, 2nd, 3rd, and 4th, floors.
Approximate time frame for painting will be May 1st – June 2nd
- B. Contractor will be responsible for Painting all student rooms,
- C. Contractor will be responsible for movement of furniture to the middle of room, protection of furniture, and placement back to original positions.
- D. **Contractor will be limited to brushing and/or rolling for this project**
- E. Provide an hourly allowance in quote for a skilled painter and helper for 48 man-hours (24 man-hours ea.) of minor patching, caulking, touch-up, etc. as directed by DHRE. Contractor to provide all material, labor, tools, & equipment.

- F. Student Rooms:
 - 1. Prep, prime, and paint dorm rooms on all 4 walls.
 - 2. Removal of all tape, nails, Stickers, etc., is considered part of standard preparation.
 - 3. All caulking and painting around windows and window trim.
 - 4. **Cover and Protect all fire sprinkler Heads and Alarm Panels and strobes with DHRE approved cover**
 - 5. Remove all cover plates from devices, reinstall upon completion of painting
 - 6. Bag all blinds and / or curtains, remove upon completion of painting
 - 7. Prep. And Repaint all access panels
 - 8. Cover all smoke detectors
 - 9. Prep, Prime and paint (2 coats) on Student room door frames.
Lite orbital Sanding required prior to priming
 - 10. Wipe down all walls so that they are free of dust prior to prime coat and must be inspected before painting continues.

G. Paint Colors:

Student Room walls:

PPG Speed hide Interior Enamel Latex Paint Semi-Gloss 6-500 tinted to China White

Student Room Door Frames:

PPG PPG Pitt Tech Plus DTM Latex Paint 90-1210 tinted to “ Slate Gray ”

