

WENTZ HALL RENOVATION
UNIVERSITY OF WISCONSIN – LA CROSSE
LA CROSSE, WISCONSIN

GPC (General Prime Contractor) BID DOCUMENT
VOLUME 1

Division Project No. 19K1N

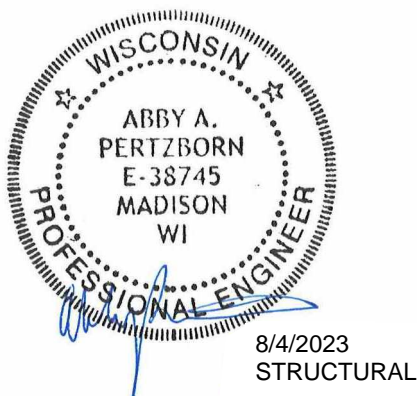
AUGUST 4, 2023

FOR
THE STATE OF WISCONSIN
DEPARTMENT OF ADMINISTRATION
DIVISION OF FACILITIES DEVELOPMENT
STATE OF WISCONSIN ADMINISTRATION BUILDING - 7TH FLOOR
101 EAST WILSON STREET - P.O. BOX 7866
MADISON, WISCONSIN 53707

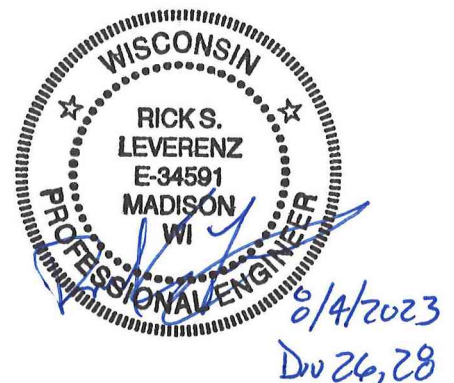


By

ENGBERG ANDERSON, INC.
305 W WASHINGTON AVE.
MADISON, WI 53703
(608) 250-0100



IMEG CORPORATION
2310 CROSSROADS DRIVE, SUITE 3000
MADISON, WI 53718
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GPC INVITATION TO BID (Rev 7/2023)
DIVISION OF FACILITIES DEVELOPMENT

WENTZ HALL RENOVATION
UNIVERSITY OF WISCONSIN – LA CROSSE
LA CROSSE, WISCONSIN

Division Project No. 19K1N

BID SUBMISSION DUE by 1:00PM, BID OPENING for MEP BIDDERS: 2:00 P.M., SEPTEMBER 12, 2023.

BID SUBMISSION DUE by 1:00 PM, BID OPENING for GPC BIDDERS: 2:00 P.M., SEPTEMBER 26, 2023.

OWNER: State of Wisconsin, Department of Administration, Division of Facilities Development, hereinafter termed DFD.

All potential bidders must be certified by DOA prior to submitting bids on state construction projects over \$50,000. All bids received from contractors who are not certified will be rejected. Contractor certification applications and instructions for completing the form may be obtained from the DOA Website DFD Contractor Certification page: <https://doa.wi.gov/Pages/DoingBusiness/ContractorCertification.aspx> or upon request from DFD--email dfdcertification@wisconsin.gov.

This project is being let using the single prime bidding and contracting process. DFD will publicly bid the applicable mechanical, electrical, plumbing, and fire protection (MEP) divisions of work **first**. Within 5 days of the MEP bid opening, DFD will identify a lowest, qualified, responsible, certified bidder in each applicable MEP division of work. These successful MEP bids must be included in all general prime contractor bids received. No later than 5 days after DFD identifies the successful MEP bids, DFD will publicly open general prime contractor bids. **General prime contractor bids that do not include the successful MEP bids will be rejected.** The state will enter into a single contract with the lowest, qualified, responsible, certified general prime contractor and this general prime contractor will enter into subcontracts with the successful MEP bidders.

Sealed bids will be received as follows, before the time indicated above:

- **PDF scanned file of all required bid documents, including bid and bid bond forms with original wet signatures or properly transmitted electronic signatures (only PDF files will be accepted) emailed to doadfdbids@wisconsin.gov (this is the preferred method);**
- **US Mail or Third-party delivery (UPS, Fedex, or DHL) to State of Wisconsin, Administration Building, 7th Floor, 101 East Wilson Street, Madison, Wisconsin 53703; or**
- **Hand delivery to the drop box labeled SEALED BIDS ONLY in front of the State of Wisconsin Administration Building located at 101 East Wilson Street, Madison, Wisconsin 53703.**

The bidder is responsible for the sealed bid being delivered to the indicated location or email before the time specified for the bid submission. Third party delivery is entirely at the bidder's risk.

Bid opening will be conducted via Microsoft Teams. Bidders may call the Microsoft Teams teleconference number: (608) 571-2209, conference ID: 484 588 360#, on the day of the bid to hear the bid results announced on the day bids are due. The conference line will be open at 1:45 P.M. CDT and all bids will be opened after 2:00 P.M. CDT. Bidders may also join the Microsoft Teams meeting via Microsoft Teams: [Click here to join the meeting](#)

In general, the work consists of: renovations to Wentz Hall including the installation of fire sprinklers, upgrade the electrical systems, install a new fire alarm system, and update the toilet and shower rooms.

1 **CLASS 1 NOTICE:**

2
3 **Notice is hereby given in accordance with Section 16.855(10), Wisconsin Statutes, that the Division**
4 **believes it is in the best interests of the State to contract the following work from only one source,**
5 **without the usual statutory procedures:**

6
7 **• Fire Detection and Alarm (Section 28 31 00)**

8
9 Bidding documents (drawings, specifications, and addenda) may be obtained only as electronic files (in
10 PDF format); as a downloadable file from the Division's Projects Bidding website (see website address
11 below) and/or on compact discs or DVD by ordering from the Construction Project Bidding Opportunities
12 webpage. Bidding documents may also be seen at various Builders' Exchanges. Additional project bidding
13 information, including plan holders lists are available on the Division of Facilities Development public
14 website: <https://doa.wi.gov/Pages/AboutDOA/FacilitiesDevelopment.aspx>. After opening the web page,
15 select Current Construction Project Bidding Opportunities at the bottom of the screen. Bidder shall identify
16 the division of work they are bidding on when requesting Bidding Documents online. No deposit is
17 required to obtain documents for bidding purposes.

18
19 **Base Bid will be received for: A single lump sum bid for All Work.**

20 Bid Guarantee in the amount of 10% of the Bid must accompany each bid submitted.

21 Contract offer and construction phase records will be processed electronically on the WisBuild™ DFD
22 Information System.

23
24 **The 2017-2019 Wisconsin State Budget (2017 Wisconsin Act 59) repealed Wisconsin's prevailing**
25 **wage laws. Effective September 23, 2017, state prevailing wage requirements on state building**
26 **projects no longer apply. These changes take effect for projects advertised for bid after September**
27 **23, 2017. This change does not affect the Federal Davis Bacon Act requirements.**

28
29 A non-mandatory pre-bid tour is being offered.

30 Pre-bid tour will be held on August 22 at 10:00 AM, at Wentz Hall located at 1515 Pine Street. The tour will
31 begin in the main entry lobby.

32 Contact: Scott Schumacher (608) 785-8916, sschumacher@uwlax.edu.

33
34 Bidding Documents will be available online immediately upon the project being advertised for bid.

35
36 ***
37
38

GPC INSTRUCTIONS TO BIDDERS (Rev 7/2023)

Division Project No. **19K1N**

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1. DEFINITIONS

(a) "Mechanical, electrical, or plumbing subcontractor" ("MEP Subcontractor") is a contractor that performs mechanical (Heating, Ventilating, and Air Conditioning), electrical, plumbing, or fire protection (fire suppression) work for the Project, and enters into a contract with the General Prime Contractor to perform their division of work.

(b) "Qualified bidder" means a contractor that the department certifies under Wis. Stat. s. 16.855(9m)(b)1.

(c) "Qualified responsible bidder" means a contractor who is a qualified bidder and who is a responsible bidder.

(d) "Responsible bidder" means a contractor that the department certifies under Wis. Stat. s. 16.855(9m)(b)2.

(e) "Single prime contracting" means bidding and contracting through a process in which only a general prime contractor has a contractual relationship with the state and all mechanical, electrical, or plumbing subcontractors are identified by the department and are subcontractors to the General Prime Contractor.

(f) "General Prime Contractor" is a contractor that enters into a contract with the state to perform all work as required by the Contract Documents and enters into contracts with subcontractors including MEP Subcontractors identified by DFD.

(g) "Non-MEP Subcontractor" is a subcontractor to a General Prime Contractor in divisions of work other than mechanical, electrical, plumbing, and fire protection. This includes suppliers and installers to the General Prime Contractor.

(h) "Subcontractor" is all subcontractors on a project. This includes MEP Subcontractors, subcontractors to the MEP Subcontractors, and Non-MEP Subcontractors.

(i) "Contractor" is all contractors working on a project regardless of contractual relationship. This includes the General Prime Contractor, MEP Subcontractors, Non-MEP Subcontractors, and all Subcontractors, regardless of tier of subcontract.

2. GENERAL

Time for bid opening shall be the prevailing central standard or daylight saving time in force at Madison, Wisconsin, on the date set forth in the Invitation to Bid.

All potential bidders must be certified by DOA prior to submitting bids on state construction projects over \$50,000. All bids received from contractors who are not certified will be rejected. Contractor certification applications and instructions for completing the form may be obtained from the DOA Website DFD Contractor Certification page: <https://doa.wi.gov/Pages/DoingBusiness/ContractorCertification.aspx> or upon request from DFD--email dfdcertification@wisconsin.gov.

This project is being let using a new single prime bidding and contracting process. DFD will publicly bid the applicable mechanical, electrical, plumbing, and fire protection (MEP) divisions of work first. Within 5 days of the MEP bid opening, DFD will identify a lowest, qualified, responsible, certified bidder in each applicable MEP division of work. These successful MEP bids must be included in all general prime contractor bids received. No later than 5 days after DFD identifies the successful MEP bids, DFD will publicly open general prime contractor bids. General prime contractor bids that do not include the successful MEP bids will be rejected. The state will enter into a single contract with the lowest, qualified, responsible, certified general prime contractor and this general prime contractor will enter into subcontracts with the successful MEP bidders.

DFD will issue an addendum if a successful MEP bid is withdrawn or rejected after the MEP Subcontractors have been identified but before the General Prime Contractor bid opening. This addendum will include a revised list of successful MEP bids that must be included in General Prime Contractor bids and will move the General Prime Contractor bid opening five days later to allow bidders sufficient time to update their bids based on the revised MEP list.

Before submitting a bid, the Bidder shall examine all of the Bidding and Contract Documents listed in the Table of Contents of these specifications. The successful Bidder will be required to do all work which is shown on the drawings, mentioned in the specifications or reasonably implied as necessary to complete the contract for this project.

The Bidder shall visit and examine the site to become acquainted with the adjacent areas, means of approach to the site, conditions of actual job site, and facilities for delivering, storing, placing, and handling of materials and equipment.

Failure to visit the site or failure to examine any and all Bidding and Contract Documents will in no way relieve the successful Bidder from the necessity of furnishing any materials or equipment, or performing any work, that may be required to complete the work in accordance with the Bidding and Contract Documents. Neglect of above requirements will not be accepted as reason for delay in the work or additional compensation.

All bidders shall have established and diligently maintained a satisfactory safety program, and if eligible for Experience Modification Rating (EMR), must have a rating of 1.20 or less as established by the Wisconsin Compensation Rating Bureau (WCRB) or the National Council on Compensation Insurance (NCCI).

1 **3. DRAWINGS AND SPECIFICATIONS**

2 The drawings and specifications that form a part of this contract, as stated in Article 3 of the General
3 Conditions, are listed in the Table of Contents of these specifications.

4
5 Complete sets of Contract Documents for all trades will be issued to all Bidders, irrespective of the category
6 of work to be bid on, in order that all Bidders may be familiar with the work of other trades as they affect
7 their bid.

8
9 **4. INTERPRETATION**

10 No verbal explanation or instructions will be given in regard to the meaning of the drawings or specifications
11 during the bid period. Bidders shall bring inadequacies, omissions or conflicts to the Architect/Engineer's
12 attention at least ten (10) days before MEP bidding commences. If a project does not include any mechanical,
13 electrical, plumbing, or fire protection divisions of work, bidders shall bring inadequacies, omissions or
14 conflicts to the Architects/Engineer's attention at least ten (10) days before GPC bid opening. Prompt
15 clarification will be supplied to all bidders of record by addendum.

16
17 Failure to so request clarification or interpretation of the drawings and specifications will not relieve the
18 successful Bidder of responsibility. Signing of the contract will be considered as implicitly denoting that the
19 Contractor has thorough understanding of the scope of work and comprehension of the contract documents.

20
21 Neither the Architect/Engineer nor DFD will be responsible for verbal instructions.

22
23 **5. MANDATORY PRE-BID DOA CERTIFICATION**

24 All potential bidders must become certified as qualified and responsible bidders **before** they can bid on
25 state projects over \$50,000. The criteria for determining certification of qualified and responsible bidders
26 are itemized in Wis. Stat. s. 16.855(9m). If DFD determines that more experience is necessary for a
27 particular project, DFD may include additional requirements.

28
29 **6. BID GUARANTEE**

30 A bid bond prepared on the Bid Bond Form bound herein, payable to the State in the amount not less than
31 10% of the maximum bid shall accompany each bid as a guarantee. A bank certified check or a cashier's
32 check may accompany each bid as a guarantee pursuant to Wis. Stat. s. 779.14(1m)(c)2.b. and 779.14(1s).
33 Failure to enter into the contract with the state (including failure to obtain certificate of insurance and separate
34 100% performance and 100% payment bonds) may result in forfeiture of the Bid Bond. The company issuing
35 the Bonds must be licensed to do business in Wisconsin.

36
37 Any bid which is not accompanied by a bid guarantee will not be accepted and will not be read at the bid
38 opening.

39
40 All checks tendered as bid guarantee, except those of the three lowest bidders, will be returned to their makers
41 within three (3) days after bid opening. All such retained checks will be returned immediately upon execution
42 of the contract between the General Prime Contractor and the state.

43
44 **7. WITHDRAWAL OF BIDS**

45 Prior to the time fixed for bid opening, bids may be withdrawn by written request from the Bidder, without
46 prejudice to the right of the Bidder to file a new bid. Withdrawn bids will be returned unopened.

47
48 After the bid has been opened, negligence on the part of the Bidder in preparing their bid confers **no** right for
49 withdrawal of the bid without penalty.

50
51 If a bid contains an error, omission, or mistake, the bidder may limit liability to the amount of their bid
52 guarantee by giving DFD written Notice, within seventy-two (72) hours of the bid opening, of their intent
53 not to execute the contract with the state. If no such notice is given, DFD reserves the right to obtain the
54 amount of the difference in bid price between the low bidder and the next low bidder.

1 **8. CONTRACT FORM**

2 These specifications include a copy of the contract the successful Bidder is required to enter into with the
3 state. Bidders shall read and understand the conditions contained in this contract. The successful Bidder will
4 be offered a contract through WisBuild to the contact provided by the bidder on the Bid Form.
5

6 **9. CONTRACT INTERESTS BY STATE PUBLIC OFFICIALS**

7 In accordance with section 19.45(6) of the Wisconsin Statutes, no state public official, member of a state
8 public official's immediate family, nor any organization with which the state public official or a member of
9 the official's immediate family owns or controls at least 10% of the outstanding equity, voting rights, or
10 outstanding indebtedness may enter into any contract or lease involving a payment or payments of more than
11 \$3,000 within a twelve (12) month period, in whole or in part derived from state funds unless the state public
12 official has first made written disclosure of the nature and extent of such relationship or interest to the board
13 and to the department acting for the state in regard to such contract or lease. Any contract or lease entered
14 into in violation of this subsection may be voided by the state in an action commenced within three (3) years
15 of the date on which the ethics board, or the department or officer acting for the state in regard to the allocation
16 of state funds from which such payment is derived, knew or should have known that a violation of this
17 subsection had occurred. This subsection does not affect the application of s.946.13.
18

19 **10. MINORITY BUSINESS ENTERPRISE AND DISABLED VETERAN-OWNED BUSINESS**
20 **INVOLVEMENT**

21
22 “Minority Business Enterprise” (MBE) means: a business certified by the Wisconsin Supplier Diversity
23 Program under Wis. Stat. s. 16.287(2).
24

25 “Disabled Veteran–Owned Business” (DVB) means: a business certified by the Wisconsin Supplier Diversity
26 Program under Wis. Stat. s. 16.283(3).
27

28 In awarding construction contracts, the Department of Administration shall attempt to ensure that 5 percent
29 of the total amount expended in each fiscal year is awarded to contractors which are minority businesses, as
30 defined under Wis. Stat. s. 16.75(3m)(a).
31

32 In awarding construction contracts, the Department of Administration shall attempt to ensure that at least 1
33 percent of the total amount expended each fiscal year is awarded to contractors that are disabled veteran-
34 owned businesses.
35

36 In order to assist the department in these endeavors we strongly encourage General Prime Contractors to use
37 MBEs and DVBs.
38

39 General Prime Contractor Bidders shall submit a “Form A Affidavit of Compliance – Minority Business
40 Enterprise and Disabled Veteran-Owned Business Provision” with their bid or within seven days of the
41 general prime contractor bid opening. This form should indicate the percentage of MBE/DVB participation
42 commitment. Submission of a completed Affidavit of Compliance is an element of responsiveness. Failure
43 to submit this completed form within the above time limits may be considered unresponsiveness and may
44 result in contract award to the next apparent low bidder. All MEP Subcontractor Bidders shall also make
45 every effort to encourage MBE and DVB involvement.
46

47 Every General Prime Contractor will be required to submit a report to DFD, on a monthly basis and upon
48 completion of the contract, which identifies the Minority Business Enterprises and Disabled Veteran-Owned
49 Business to whom work was directly subcontracted and the value of said work. Subcontractors, material
50 suppliers, etc. under contract to a subcontractor of a General Prime Contractor may not be used for reporting
51 purposes under this paragraph unless certified by the Wisconsin Supplier Diversity Program office. An
52 MBE/DVB monthly report form will be sent to the Bidder after the Notice to Proceed is issued.
53

54 For assistance in identifying DOA certified MBE and DVB companies:

- 1 1. Search the Supplier Diversity Program's Database for Diverse, Certified Suppliers
2 <https://wisdp.wi.gov/Search.aspx>.
3 (Note: The search is dynamic and will allow you to search by Business Name, Construction Division
4 of Work Codes, Products/Services, Owner Name, etc.)
5
- 6 2. Email the certified, diverse suppliers you wish to consider and copy the Wisconsin Supplier
7 Diversity Program at DiverseSpend@wi.gov regarding logistics of them being considered for
8 subcontracting opportunity.
9 (Note: GPCs are encouraged to give certified, diverse suppliers at least 10 business days' notice
10 when possible.)
11
- 12 3. Contact the Supplier Diversity Program with questions – DiverseSpend@wi.gov, or visit their
13 website at: <https://doa.wi.gov/Pages/DoingBusiness/SupplierDiversity.aspx>.
14
15

16 **11. SUBSTANCE ABUSE PREVENTION**

17 Mission/Purpose: The State of Wisconsin recognizes and supports drug-free workplace programs as an
18 important element in the national strategy to reduce the devastating effects of drug and alcohol abuse in our
19 society. The State requires contractors, subcontractors, suppliers and vendors to establish and enforce drug-
20 free workplace policies and programs that conform to Sec 103.503 of the Wisconsin Statutes.
21

22 Statement: The possession, use of, distribution or purchase of illegal drugs, or use of alcohol at work by any
23 employee on State of Wisconsin construction job sites, is strictly prohibited.
24

25 The terms of this Substance Abuse Program Statement shall cover all construction personnel who are working
26 on State of Wisconsin job sites. This includes employees of all Contractors, Subcontractors, contractor
27 suppliers, and their employees working at the job site.
28

29 General Prime Contractor's and Subcontractor's Written Program: Each General Prime Contractor and
30 Subcontractor shall have in place a written Substance Abuse Program conforming to Sec 103.503(3) of the
31 Wisconsin Statutes.
32

33 In addition, representatives of the State who believe that any General Prime Contractor's or Subcontractor's
34 employee may be under the influence of alcohol or drugs shall, where deemed appropriate, contact the
35 General Prime Contractor's or Subcontractor's appropriate management/supervision authority and request
36 that appropriate action be taken. The General Prime Contractor's or Subcontractor's employer shall
37 immediately remove an employee who is suspected of being under the influence of illegal drugs or alcohol
38 shall be immediately removed from the job site.
39

40 Procedures for testing and handling of positive drug tests shall be in compliance and consistent with State
41 and Federal laws.
42

43 Costs of Substance Abuse Programs and Testing: The cost associated with the development, implementation
44 and enforcement of Substance Abuse Programs and any testing required shall be the responsibility of each
45 individual General Prime Contractor and Subcontractor for their respective employees working on the job
46 site. The State will not be responsible for any cost of substance abuse testing, rehabilitation or medical
47 reviews related to substance abuse.
48

49 The General Prime Contractor and Subcontractors shall indemnify and hold the State harmless from any
50 damages or other costs incurred that are related to the implementation or enforcement of any substance abuse
51 policy or program.
52

53 **12. METHOD OF AWARD - RESERVATION**

54 General prime contractor bids that do not include the successful MEP bids identified by DFD will be
55 rejected.

The general prime contract will be awarded based on the following, as long as the cost does not exceed the amount of project funds available:

The lowest dollar amount is submitted by a qualified, responsible, certified bidder on a SINGLE BASE BID for all work comprising the project.

Should a qualified, responsible, certified minority business enterprise or disabled veteran-owned business submit a bid that is no more than 5% higher than the apparent low bid, the Contract may be awarded to the minority business enterprise or disabled veteran-owned business.

Firms wishing to be considered for the 5% bidding preference must be certified as a minority business enterprise or disabled veteran-owned business by the Wisconsin Supplier Diversity Program and so indicate in the space provided on the Bid Form that preference is requested.

DFD reserves the right to reject any and all bids, or to waive any informality in any bid, or to accept any bid which will serve the best interests of the State.

13. SECURITY FOR SEPARATE 100% PERFORMANCE AND SEPARATE 100% PAYMENT

Bidder is required to furnish separate 100 % performance and 100 % payment bonds to the benefit of the Department of Administration as the sole obligee. These bonds shall be delivered to the State with the signed contract. The Surety Company shall be licensed to do business in Wisconsin. The Bond must be dated the same date or subsequent to the date of the Contract.

A certified copy of power of attorney shall be provided by the Surety Company showing that the agent who signs the Bond has the power of attorney to sign for the Surety Company. This power of attorney must be signed by the Secretary or Assistant Secretary of the company and not by an attorney-in-fact. The power of attorney must bear the same or later date as the bond.

If the Bidder is a partnership or a joint venture, a certified list providing the names of individuals constituting the partnership or joint venture must be furnished. The Contract itself may be signed by one partner of the partnership, or one partner of each firm comprising the joint venture, but the separate Performance and Payment Bonds must be signed by all of the partners.

If the Bidder is a corporation, a current certified copy of the resolution or other official act of the directors of the corporation must be submitted showing that the person who signs the contract is authorized to sign contracts for the corporation. The corporate seal must be affixed to the resolution, contract, and separate performance and payment bonds. If the Bidder's corporation has no seal, the above documents must include a statement or notation to the effect that the corporation has no seal.

14. TAXES

The Bidder shall include in the bid, all Sales, Consumer, Use and other similar taxes required by law.

In accordance with section 71.80(16)(a), Wis. Stats., SURETY BOND; NONRESIDENT CONTRACTOR. "All nonresident persons, whether incorporated or not, engaging in construction contracting in this state as contractor or subcontractor and not otherwise regularly engaged in business in this state, shall file a surety bond with the department (Wisconsin Department of Revenue MS 5-77 Attn: Non-Resident Surety Bonds, 2135 Rimrock Rd., Madison, WI 53713, telephone (608)266-2776) payable to the department of revenue, to guarantee the payment of income taxes, required unemployment compensation contributions, sales and use taxes and income taxes withheld from wages of employees, together with any penalties and interest thereon. The amount of the bond shall be 3% of the contract or subcontract price on all contracts of \$50,000 or more..."

15. SUBMISSION OF BIDS

All bids shall be submitted on the standard Bid Forms and only bids that are made on the Bid Forms will be considered. The entire Bid Form including the Addendum Receipt/Signature page, the Bid Bond Form, (if

used), and other supporting documents (if any), shall be filled out and submitted in the manner specified hereinafter. **SPECIFICATIONS SHALL NOT ACCOMPANY BID.**

No bids for any subdivision or any subclassification of this work, except as indicated, will be accepted. Any conditional bid, amendment to the Bid Form or appendant thereto, the inclusion of any correspondence, written or printed matter, unsolicited material or data, or details of any nature other than the information specifically called for, will disqualify the Bid. Telecommunication alterations to the bid will not be accepted.

Space is provided on the Bid Form for General Prime Contractor's single bid. Appropriate insertions are as follows: numerals indicating the cost of the work, \$0 if there is no cost for the work, or the words 'No Bid' if the bidder is not intending to bid the work. Blank space(s) will be considered the same as 'No Bid'.

Bidders shall submit a Single Base Bid for all the work.

Spaces are also provided on the Bid Form for General Prime Contractor's to list the successful MEP Subcontractors bids included in the General Prime Contractor's single base bid.

General prime contractor bids that do not include the successful MEP bids identified by DFD will be rejected.

Any addendum issued during the time of bidding shall become a part of the Contract Documents. Bidders shall acknowledge receipt of such addendum in the appropriate space provided on the Bid Form. Bid will be rejected if receipt of an addendum applicable to the award of contract has not been acknowledged on the Bid Form.

The preferred method for bid submission is a PDF scanned file of all required bid documents, including bid and bid bond forms with original wet signatures or properly transmitted electronic signatures (only PDF files will be accepted) emailed to loadfdbids@wisconsin.gov.

For bids being hand delivered, mailed, or sent via a third party deliver service, bidders are encouraged to submit their bids using the **SEALED BID** envelope label that is provided within the specifications. DFD is not responsible for bids not clearly labeled as required. Bids shall be signed, sealed, and delivered to the place indicated in the Invitation to Bid before the time designated in the Invitation to Bid. All bids shall be identified with the Project Name, Project Number, Project Location, Category of Work being bid on, Bid Date, and the Name and Address of Bidder. **Delivery to a post office box does not constitute receipt of a bid.**

Bidders may submit PDFs of bid forms, bonds, and powers of attorney containing e-signatures, e-corporate seals, and e-notaries affixed to each document in accordance with the Surety's obligations. We will require telephone numbers for all signatories as well as the bond principal and issuing surety for oral verification. Bids must be accompanied by a bid guarantee, which may take the form of a properly executed DFD form of bid bond. If a bidder elects to use a bid bond as their bid guarantee, such bid bond must be accompanied by a power of attorney, which DFD will only accept as genuine if it is properly notarized. Wisconsin law permits the use of (electronic) remote online notarization if it is performed using **technology providers that have been approved by the Department of Financial Institutions (DFI)**. If a bidder elects to use remote online notarization it is the responsibility of the bidder and its surety to ensure that the technology provider has been approved by DFI. DFD reserves the right to reject bids submitted electronically if a bidder uses a remote online notarization technology provider that has not been approved by DFI. A list of DFI approved technology providers can be found here: <https://www.wdfi.org/apps/NotaryTechProvider/TechProvider>

Bid forms containing electronic signatures must be obtained using approved software in order to be accepted. **DocuSign software and Adobe Digital Signature software are approved for e-signatures for submission of bids.** Use of any other e-signature software will require additional verification and approval at least three (3) business days prior to submission of bids. Please contact

doadfdmbidssubmission@wisconsin.gov regarding any proposed electronic signature software. Failure to obtain pre-approval may result in bid rejection.

Any email submissions should receive a reply. If a reply is not received within thirty minutes after PDF bid is emailed, please contact DFD at (608) 266-7066 or (608) 261-7758. Each bid package must be submitted in a separate email as a scanned PDF file of all required bid documents. Size limit is 20 MB per email. **The email subject line must use the following format: "Project Number – Bid Category/Division of Work – Company Name"**. Only PDF files will be accepted via email. Bids and bid bond forms must be signed with original wet signatures or properly transmitted electronic signatures using a remote online notarization technology provider that have been approved by the Department of Financial Institutions (DFI), where required. DFD will require the apparent low bidders to submit "hard copy" versions of their bid documents. DFD may also require the other bidders to submit hard copy versions of bid documents before any contracts are initiated. Hard copy versions must be received within seven (7) days of request.

Bidder shall be responsible for the sealed bid being delivered to the place designated for the bid opening before the time specified. Bids received after the time indicated in the Invitation to Bid will be rejected and returned to Bidder unopened.

Bid will be considered invalid and will be rejected if it has not been signed by the Bidder.

Bids will be rejected if the bidder is not certified by DOA in the division(s) of work they bid on and/or if their bid amount exceeds their certification threshold in that division of work.

16. BASE BID

Base Bids shall be received as follows:

SINGLE BASE BID FOR ALL THE WORK.

Base Bid No. 1. All Work, as per specification Divisions 2 thru 34, applicable provisions of Division 01 and related drawings.

General prime contractor bids that do not include the successful MEP bids identified by DFD will be rejected.

17. INFORMATIONAL BIDS

None.

18. UNIT PRICES

Unit prices requested on the Bid Form shall be given and, if included in the General Prime Contract, will be used for additions to or deductions from amount of work required under the Contract. Unit prices shall include all costs of materials, labor, insurance, taxes, overhead and profit.

DFD reserves the right to reject any unit prices as given in the bid if they are considered excessive or unreasonable, or to accept any or all of the unit prices that may be considered fair and reasonable. If any unit price is rejected, the work governed by such unit price, if required, shall be treated as specified in General Conditions, Article entitled "Changes in the Work".

The Bidder shall refer to the Bid Form and the applicable technical section to determine the basis of unit measure and the detailed information related to each unit price item requested.

The GPC shall list a **total** unit price for each item requested on the Bid Form. The **total** unit price listed should be calculated by adding the unit price included with the MEP bid to the cost of any GPC work required for that item.

1 **19. STATED ALLOWANCES**

2 The Bidder shall include the following cash allowances in the bid:

3
4 None.

5
6 **20. SUBCONTRACTORS**

7
8 **GENERAL PRIME CONTRACTOR SUBCONTRACT WITH MEP SUBCONTRACTORS:**

9 The successful General Prime Contractor will offer a subcontract to the successful MEP Subcontractors
10 identified by DFD and included in the General Prime Contractor's bid. This subcontract between a General
11 Prime Contractor and a MEP Subcontractor must include a scope of work clause identical to the scope of
12 work clause included in the Bid Documents and the contract between the General Prime Contractor and the
13 state. A General Prime Contractor and an MEP Subcontractor may not enter any agreement in connection
14 with bids submitted that would alter or affect the scope or price of the contracts entered into. This
15 prohibition does not apply to DFD change orders that result in changes to the plans or specifications, or to
16 back charges allowed by the contract.

17
18 The General Prime Contractor must base the Project Schedule on the schedule that the MEP Subcontractors
19 and General Prime Contractors bid on (in the specifications or bid instructions), unless otherwise agreed to
20 by the MEP Subcontractor.

21
22 As the work progresses under any MEP subcontract for construction of a project, the General Prime
23 Contractor shall, upon request of a subcontractor, pay to the subcontractor an amount equal to the
24 proportionate value of the subcontractor's work properly completed, less retainage. The retainage shall be an
25 amount equal to not more than 5 percent of the subcontractor's work completed until 50 percent of the
26 subcontractor's work has been completed. At 50 percent completion, no additional amounts may be retained,
27 and partial payments shall be made in full to the subcontractor unless the department certifies that the
28 subcontractor's work is not proceeding satisfactorily. At 50 percent completion or any time thereafter when
29 the progress of the subcontractor's work is not satisfactory, additional amounts may be retained but the total
30 retainage may not be more than 10 percent of the value of the work completed. Upon substantial completion
31 of the subcontractor's work, any amount retained shall be paid to the subcontractor, less the value of any
32 required corrective work or uncompleted work. All payments the General Prime Contractor makes under this
33 paragraph shall be within 7 calendar days after the date on which the General Prime Contractor receives
34 payment from the department.

35
36 The contract entered into between the General Prime Contractor and an MEP Subcontractor must contain all
37 of the following clauses:

38
39 **Scope of Work.** The MEP Subcontractor scope of work is identical to the General Prime Contractor
40 scope of work included in these bidding and contract documents. By submitting and signing a bid,
41 all bidders have examined all of the Bidding Documents listed in the Table of Contents of the project
42 specifications. The successful bidders will be required to do all work which is shown on the
43 drawings, mentioned in the specifications, or reasonably implied as necessary to complete the
44 division of work bid for this project.

45
46 **Prompt Payment.** (general prime contractor) shall pay (mechanical, electrical, or plumbing
47 subcontractor) in accordance with section 16.855(19)(b), Wisconsin stats, for work that has been
48 satisfactorily completed and properly invoiced by (mechanical, electrical, or plumbing
49 subcontractor). A payment is timely if it is mailed, delivered, or transferred to (mechanical,
50 electrical, or plumbing subcontractor) by the deadline under section 16.855(19)(b), Wisconsin stats.
51 If (mechanical, electrical, or plumbing subcontractor) is not paid by the deadline in this contract,
52 (general prime contractor) shall pay interest on the balance due from the eighth day after the (general
53 prime contractor) receives payment from the Department of Administration for the work for which
54 payment is due and owing to (mechanical, electrical, or plumbing subcontractor), at the rate
55 specified in section 71.82, Wisconsin stats., compounded monthly.

1 A (mechanical, electrical, or plumbing subcontractor) that receives payment as provided under this
2 contract and that subcontracts with another entity shall pay those subcontractors, and be liable for
3 interest on late payments to those subcontractors, in the same manner as the (general prime
4 contractor) is required to pay the (mechanical, electrical, or plumbing subcontractor) under this
5 contract.

6
7 **Insurance and Bonds.** (mechanical, electrical, or plumbing subcontractor) shall not commence
8 work under this contract until it has obtained all necessary insurance required of (mechanical,
9 electrical, or plumbing subcontractor) in the contract between the (general prime contractor) and the
10 Department of Administration. (mechanical, electrical, or plumbing subcontractor) shall provide a
11 separate 100 percent performance bond and a separate 100 percent payment bond to the benefit of
12 the (general prime contractor) as the sole named obligee. Original bonds shall be given to the
13 (general prime contractor) and a copy shall be given to the Department of Administration no later
14 than 10 days after execution of this contract.

15
16 **Indemnification.** To the fullest extent permitted by law, (mechanical, electrical, or plumbing
17 subcontractor) shall defend, indemnify, and hold harmless (general prime contractor) and its
18 officers, directors, agents, and any others whom (general prime contractor) is required to indemnify
19 under its contract with the department, and the employees of any of them, from and against claims,
20 damages, fines, penalties, losses, and expenses, including but not limited to attorney fees, arising in
21 any way out of or resulting from the performance of the work under this contract, but only to the
22 extent such claim, damage, fine, penalty, loss, or expense: (1) is attributable to bodily injury,
23 sickness, disease, or death, or to injury to or destruction of property, including but not limited to
24 loss of use resulting therefrom and is caused by the negligence, or acts or omissions, of (mechanical,
25 electrical, or plumbing subcontractor), its subcontractors, any of their employees, and anyone
26 directly or indirectly employed by them or anyone for whose acts they may be liable, or (2) as related
27 to such claims, damages, fines, penalties, losses, and expense of or against (general prime
28 contractor), results from or arises out of the negligence of the (general prime contractor) or other
29 fault in providing general supervision or oversight of the work of (mechanical, electrical, or
30 plumbing subcontractor) or (3) as related to claims, damages, fines, penalties, losses, and expense
31 against the Department of Administration, arises out of the department's status as owner of the
32 project or project site.

33 In addition (mechanical, electrical, or plumbing subcontractor) shall defend, indemnify, and hold
34 harmless (general prime contractor) and its officers, directors, agents, and any others (general prime
35 contractor) is required to indemnify under its contract with the department, and the employees of
36 any of them, from any liability, including liability resulting from a violation of any applicable safe
37 place act, that (general prime contractor) or the state incurs to any employee of (mechanical,
38 electrical, or plumbing subcontractor) or any third party where the liability arises from a derivative
39 claim from said employee, when the liability arises out of the failure of the (general prime
40 contractor) or the state to properly supervise, inspect, or approve the work or work area of
41 (mechanical, electrical, or plumbing subcontractor), but only to the extent that the liability arises out
42 of the acts or omissions of (mechanical, electrical, or plumbing subcontractor), its employees, or
43 anyone for whom (mechanical, electrical, or plumbing subcontractor) may be liable, or from
44 (mechanical, electrical, or plumbing subcontractor's) breach of its contractual responsibilities or
45 arises out of (general prime contractor's) negligence or other fault in providing general supervision
46 or oversight of (mechanical, electrical, or plumbing subcontractor's) work or arises out of the
47 Department of Administration's status as owner of the project or project site. In claims against
48 (general prime contractor) or the state by an employee of (mechanical, electrical, or plumbing
49 subcontractor) or its subcontractors or anyone for whose acts (mechanical, electrical, or plumbing
50 subcontractor) may be liable, the indemnification obligation of this paragraph is not limited by a
51 limitation on amount or type of damage, compensation, or other benefits payable by or for the
52 (mechanical, electrical, or plumbing subcontractor) subcontractors under workers compensation act.
53 Except as identified above, the obligations of (mechanical, electrical, or plumbing subcontractor)
54 under this indemnification do not extend to the liability of (general prime contractor) and its agents
55 or employees arising out of (1) preparation or approval of maps, drawings, opinions, reports,

surveys, change orders, designs, or specifications; (2) the giving of or failure to give directions or instructions by the (general prime contractor) or the Department of Administration or their agents or employees provided the giving or failure to give is the cause of the injury or damage; or (3) the acts or omissions of other subcontractors.

Retainage. Retainage shall occur and be in amounts and on a schedule equal to that in the contract between (general prime contractor) and the Department of Administration.

MEP AND NON-MEP SUBCONTRACTORS:

Bidders shall submit a completed Request for Subcontractor Approval (Form DOA-4225) with their bid or within seven days of the general prime contractor bid opening. The Request for Subcontractor Form shall also include, to the extent practicable, a list of their suppliers furnishing materials for the project. Submission of a completed Request for Subcontractor Approval form is an element of responsiveness. Failure to submit this completed form within the above time limits will be considered unresponsiveness and may result in contract award to the next apparent low bidder. Refer to Article 11 of the General Conditions for further information.

21. COMMENCEMENT AND COMPLETION

The successful General Prime Contractor Bidder must agree to commence the work on or after a date to be specified in a written "Notice to Proceed" issued by the state and to fully complete all the work within **213** consecutive calendar days thereafter. Completion time will be converted to a specific date at the time the "Notice to Proceed" is issued. Refer also to General Conditions, Article entitled "Time for Completion of the Project."

The General Prime Contractor must base the Project Schedule on the schedule that the MEP Subcontractors and General Prime Contractors bid on (in the specifications or bid instructions), unless otherwise agreed to by the MEP Subcontractor. These milestones will be incorporated into the master project schedule after the Notice to Proceed is issued. The schedule must include, but is not limited to, the following milestone categories as they apply to the project:

Start Date (Month/Year)	End Date (Month/Year)	Schedule Milestones
January 2024	January 2024	Mobilization
May 2024	June 2024	Excavation and Site Work
May 2024	June 2024	MEP Underground and Site Utilities
March 2024	May 2024	MEP Overhead Rough-in
June 2024	July 2024	MEP Finishes
July 2024	July 2024	Pre-functional Testing and Commissioning
June 2024	July 2024	Architectural Finishes
July 2024	July 2024	Substantial Completion

22. WisBuild™ DFD INFORMATION SYSTEM

Contract offer and construction phase records including Questions, Requests for Information, Construction Bulletins, Proposals, Change Orders, Schedule of Values, and Requests for Payment will be processed electronically on the WisBuild™ DFD Information System. Other construction phase records and applications will be implemented, as they become available.

Successful Bidders shall have available for use within 72 hours of the bid date and maintain over the course of the construction phase, from date of Notice-to-Proceed through receipt of Final Payment, an Internet connection to access and utilize the WisBuild™ DFD Information System.

23. WORK BY THE STATE

The following work will be accomplished by DFD or will be let under separate contracts and will not be included under the General Prime Contract:

- 1 • CAMPUS will purchase and supply Toilet Accessories under this contract as outlined in
2 specification section 10 28 00 to be installed by the contractor.
3
- 4 • CAMPUS will purchase and supply door signage under this contract to be installed by the
5 contractor.
6
- 7 • CAMPUS will purchase and supply electrical panelboards and distribution equipment as outlined
8 on the drawings in specifications.
9
- 10 • CAMPUS will provide the complete demolition and replacement of all DATA CABLING, Main
11 Distribution Frames, Backbone & Intermediate Distribution Frames for this project, as well as all
12 new Equipment Outlets and Wireless Access Points. Existing surface and concealed data raceways
13 and trays shall remain and be reused by CAMPUS.
14
- 15 • Direct Digital Control System for HVAC, as specified in Section 23 09 24.
16
- 17 • ASBESTOS ABATEMENT - Removal of building materials identified as asbestos-containing
18 materials (ACM) that will be disturbed by renovation work, including ACM thermal system
19 insulation, ACM spray applied and trowel applied surfaces, cement-asbestos products, ACM
20 flooring and associated ACM flooring mastics and friable miscellaneous ACM. (See General
21 Requirements, HAZARDOUS SUBSTANCES for regulatory requirements, materials testing
22 results, and General Prime Contractor's responsibility regarding ACM.)
23
24
25

BID FORM – GENERAL PRIME CONTRACTOR (GPC) (Rev 7/2023)
DIVISION OF FACILITIES DEVELOPMENT
s.16.855 Wis. Stats.

**WENTZ HALL RENOVATION
UNIVERSITY OF WISCONSIN – LA CROSSE
LA CROSSE, WISCONSIN**

Division Project No. **19K1N**

**BID SUBMISSION DUE by 1:00PM,
General Prime Contractor (GPC) Bid Opening: 2:00 P.M., SEPTEMBER 26, 2023.**

To: State of Wisconsin, Department of Administration, Division of Facilities Development

(a joint venture)

(a corporation)

(a partnership)

We _____ (an individual)
(Cross out inapplicable)

Of _____
Street City County State Zip

hereby agree to execute a contract with the Division of Facilities Development (DFD) and a subcontract with all successful MEP Bidders identified by DFD and listed in this bid, and to furnish satisfactory separate 100% Performance Bond and 100% Payment Bond in the amount specified no later than ten (10) days of the contract offer, and to provide all labor and material required for the construction of the project designated above, for the prices hereinafter set forth, in strict accordance with the Contract Documents prepared by **Engberg Anderson, Inc – 305 W Washington Ave, Madison, WI** for DFD and dated **August 4, 2023.**

WisBuild™ Data Information System Contact Instructions:
(For use by DFD to offer contract and activate WisBuild™ accounts to the successful bidders)

Contact Name: _____

Telephone Number: _____

Email Address: _____

Fax Number: _____

IMPORTANT: BEFORE SUBMITTING YOUR BID, PLEASE VERIFY THAT:

1. You have been **certified by DOA as a qualified and responsible bidder** for the amount of your bid within the division(s) of work being bid.
2. You have **entered all Bid amounts in numeric characters** (Example: \$9,999);
3. You have **acknowledged receipt of all addenda;**
4. You have **signed the Bid Form**
5. You have **included a valid Bid Guarantee** for not less than 10% of the value of the bid as either:
 - a) a Bid Bond signed by the contractor and surety and with a Power of Attorney attached, **or**
 - b) a Cashier's Check or Bank Check pursuant to Wis stats. s. 779.14(1m)(c)2.b. and 779.14(1s).A Company or Personal Check will not be accepted.

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1 **SINGLE BASE BID - GENERAL PRIME CONTRACTOR**

2
3 **ALL WORK**

4
5 BASE BID NO 1. ALL WORK required to fully complete the project in accordance with the
6 Contract Documents,

7
8 for the sum of (\$ _____)

9 *Enter bid amount in numeric characters only (Example: \$9,999). See Instructions to*
10 *Bidders 'Article 15 Submission of Base Bids' for detailed instructions.*
11

12
13 **Base Bid No. 1 includes the bids from the following successful MEP Subcontractors identified by**
14 **DFD for the mechanical, electrical, plumbing, and fire protection divisions of work in this project.**
15 **The General Prime Contractor shall enter into subcontracts with these MEP Subcontractors:**
16

17 **Fire Suppression Base Bid No. 2:**

18 **Identified Subcontractor:** _____

19
20 **Amount:** _____

21
22 **Plumbing Base Bid No. 3:**

23 **Identified Subcontractor:** _____

24
25 **Amount:** _____

26
27 **Heating Ventilating and Air Conditioning Base Bid No. 4:**

28 **Identified Subcontractor:** _____

29
30 **Amount:** _____

31
32 **Electrical Base Bid No. 5:**

33 **Identified Subcontractor:** _____

34
35 **Amount:** _____

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1 COMMENCEMENT AND COMPLETION OF CONTRACT WORK

2 The undersigned agrees, if awarded the contract, to enter into a subcontract with the MEP Bidders identified
3 by DFD, and to commence the Contract work on or before a date to be specified in a written Notice to
4 Proceed, and to complete the work in accordance with the project schedule in the Instructions to Bidders.

5
6 ADDENDUM RECEIPT

7 We acknowledge receipt of the following Addenda:

8
9 Addendum No. _____ Date _____

10 Addendum No. _____ Date _____

11 Addendum No. _____ Date _____

12 Addendum No. _____ Date _____

13 Addendum No. _____ Date _____

14
15 PRIOR TO SIGNING, BIDDERS' ATTENTION IS DIRECTED TO INSTRUCTIONS TO BIDDERS TO
16 AVOID THE POSSIBILITY OF INVALIDATING THIS BID.

17
18 BY SIGNING THIS BID FORM, THE BIDDER ATTESTS TO PERSONAL KNOWLEDGE OF THE
19 FOLLOWING:

- | | |
|----|--|
| 20 | 1. Bidder is <u>certified</u> by DOA as a qualified and responsible bidder for the amount of the bid submitted, within the division(s) of work being bid. |
| 21 | 2. In accordance with Wis. Stats. 16.855 (13) and (14) and ARTICLE 21 of these Bidding Documents, Bidder agrees to enter into a subcontract with the successful MEP Subcontractors identified by DFD. |
| 22 | 3. Bidder has examined the drawings and specifications, carefully prepared the bid form, and has reviewed all forms in detail before submitting bid; and bidder, or the agents, officers, or employees thereof, have not, either directly or indirectly, entered into any agreement, bid rigging, bid rotation, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this bid. |
| 23 | 4. That all work will be performed at the Bidder's own proper cost and expense, that the Bidder will furnish all necessary materials, labor, tools, machinery, apparatus, and other means of construction in the manner provided in the applicable specifications, and at the time stated in the contract. |
| 24 | |

25
26
27 _____
28 (Firm Name)

29
30
31 (Seal, if bid is by a corporation) _____
32 (Bidder's Printed Name)

33 Date: _____ By _____
34 (Signature of Bidder)

35
36 [] Place an "X" in the box if Bidder is certified as a minority business enterprise or disabled
37 veteran-owned business by the Wisconsin Supplier Diversity Program and wishes to be
38 considered for the 5% bidder preference.

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From:

IMPORTANT: BEFORE SUBMITTING YOUR BID, PLEASE VERIFY THAT:

- 1. You have been **certified by DOA as a qualified and responsible bidder** for the amount of your bid within the division(s) of work being bid.
- 2. You have **entered all Bid amounts in numeric characters** (Example: \$9,999);
- 3. You have **acknowledged receipt of all addenda**;
- 4. You have **signed the Bid Form**
- 5. You have **included a valid Bid Guarantee** for not less than 10% of the value of the bid as either:
 - a) a Bid Bond signed by the contractor and surety and with a Power of Attorney attached, **or**
 - b) a Cashier's Check or Bank Check pursuant to Wis. Stat. s. 779.14(1m)(c)2.b. and 779.14(1s). A Company or Personal Check will not be accepted.

SEALED BID

Project Name	<hr/>
Project No.	<hr/>
Location	<hr/>
Bid Category	<hr/>
Bid Date	<hr/>

To: **Department of Administration
Division of Facilities Development
101 E. Wilson Street, 7th Floor
Madison, WI 53703**

(Complete and securely tape to exterior of sealed envelope – only if submitting a hard copy of your bid)

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GENERAL PRIME CONTRACTOR (GPC) BID BOND

KNOW ALL PEOPLE BY THESE PRESENTS, that _____
(a corporation of the State of _____) (individual), (partnership) (hereinafter referred to as the
"Principal"), and _____, a corporation of the State of _____

Name of Surety

(hereinafter referred to as the "Surety"), are held and firmly bound unto the State of Wisconsin, for Department of Administration, Division of Facilities Development (hereinafter referred to as "DFD"), in the penal sum of ten percent (10%) of the amount of the total bid or bids of the Principal herein accepted by DFD, for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that, whereas the Principal has submitted, or is about to submit, to the State of Wisconsin a certain bid, including the related combined bids attached hereto and hereby made a part hereof, to enter into a Contract in writing for _____

Type of Work

for the _____
Project

- (1) If said bid is rejected by DFD, then this obligation shall be void; or
- (2) If said bid is accepted by DFD and the Principal shall execute and deliver a Contract in the form specified by DFD (properly completed in accordance with said bid) and shall furnish a separate 100% performance bond for the Principal's faithful performance of said Contract, and a 100% payment bond for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be void; or
- (3) If said bid is accepted by DFD and the Principal shall fail to execute and deliver the Contract and the performance and payment bonds noted in (2) above, all within the time specified or any extension thereof, the Principal and Surety agree jointly and severally to forfeit to DFD the penal sum mentioned above, it being understood that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal sum of this obligation as stated. Notice will be given by DFD to the Principal and Surety of intent to request payment of all or any part of the penal sum, a minimum of 7 calendar days before making demand of payment. Payment of the penal sum by the Surety and its bond shall be received by DFD within 72 hours following demand by DFD.

The Surety, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by an extension of the time within which DFD may accept such bid, and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year set forth below.

SEAL:

Principal

Date

By: _____

SEAL:

Name of Surety

Date

By: _____

NOTE TO SURETY AND PRINCIPAL: The bid submitted, which this bond guarantees, may be rejected if the following instrument is not attached to this bond: Power of Attorney showing that the agent of Surety is currently authorized to execute bonds on behalf of the Surety, and in the amounts referenced above.

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DESIGNATION OF CONFIDENTIAL AND PROPRIETARY INFORMATION

The attached material submitted in response to Bid/Proposal #_____ includes proprietary and confidential information which qualifies as a trade secret, as provided in s. 19.36(5), Wis. Stats., or is otherwise material that can be kept confidential under the Wisconsin Open Records Law. As such, we ask that certain pages, as indicated below, of this bid/proposal response be treated as confidential material and not be released without our written approval.

Prices always become public information when bids/proposals are opened, and therefore cannot be kept confidential.

Other information cannot be kept confidential unless it is a trade secret. Trade secret is defined in s. 134.90(1)(c), Wis. Stats. as follows: "Trade secret" means information, including a formula, pattern, compilation, program, device, method, technique or process to which all of the following apply:

1. The information derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use.
2. The information is the subject of efforts to maintain its secrecy that are reasonable under the circumstances.

We request that the following pages not be released

Section	Page #	Topic

IN THE EVENT THE DESIGNATION OF CONFIDENTIALITY OF THIS INFORMATION IS CHALLENGED, THE UNDERSIGNED HEREBY AGREES TO PROVIDE LEGAL COUNSEL OR OTHER NECESSARY ASSISTANCE TO DEFEND THE DESIGNATION OF CONFIDENTIALITY.

Failure to include this form in the bid/proposal response may mean that all information provided as part of the bid/proposal response will be open to examination and copying. The state considers other markings of confidential in the bid/proposal document to be insufficient. The undersigned agrees to hold the state harmless for any damages arising out of the release of any materials unless they are specifically identified above.

Name - Authorized Representative

Signature - Authorized Representative

Company Name

Date

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Form A — Affidavit of Compliance

Minority Business Enterprise (MBE) / Disabled Veteran-Owned Business (DVB) Provisions

Project Title _____

Project Location _____ Project No. _____

The State of Wisconsin has an active Diversity Business Initiative. The purpose of this initiative, in the interest of fairness and equity, is to encourage increased voluntary expenditure of State construction dollars by prime contractors under subcontracts with MBE / DVB firms. **Please refer to the checklist on page 2 of this form which is provided to assist you in this effort.**

To that end, the bidder's commitment for MBE participation on this project is _____% and DVB participation is _____%.

The State of Wisconsin, Department of Administration, Division of Facilities Development reserves the right to reject and disqualify any bidder who does not include this completed form and who fails to comply with the State's bid requirements as outlined in the bid specifications.

I, the apparent low bidder, acknowledge, understand and agree to comply with my commitment for MBE/DVB participation on this contract including submission of all information required.

I attest that, to the best of my knowledge, all of the above information is true and correct.

Dated (mm/dd/ccyy) _____

Authorized Signature

Printed Name

Title

Company Name

Telephone Number

State of _____

County of _____

On this _____ day of _____, 20____, I confirm that _____
Bidder's Name

came before me and signed the document for the purposes stated.

I witness, and set my hand and official stamp or seal.

Notary Public

County, State of _____

My Commission expires _____, 20____

“Good Faith Effort” To Obtain Minority Business Enterprise / Disabled Veteran-Owned Business Participation

All “Yes” boxes must be checked to ensure that a “Good Faith Effort” has been made to obtain MBE participation.

- Have you searched the Supplier Diversity Program's Database for Diverse, Certified Suppliers? <https://wisdp.wi.gov/Search.aspx> ☐ Yes ☐ No
- Have you emailed (prior to bidding) diverse suppliers that you wish to consider regarding the logistics of them being considered for subcontracting opportunities and copied the Wisconsin Supplier Diversity Program (DiverseSpend@wi.gov) ☐ Yes ☐ No
- Have you provided MBE/DVB firms adequate project information about plans, specifications and requirements pertaining to their work? ☐ Yes ☐ No
- Have you communicated with any MBE/DVB that performs the type of services needed for the project and was there any follow-up? ☐ Yes ☐ No
- Was MBE/DVB participation advertised (newspaper, radio, etc.) for this project? (You may be asked to submit evidence.) ☐ Yes ☐ No
- Did you contact any MBE/DVB trade associations to assist in locating MBE/DVBs or have you made contact with any MBEs/DVBs that may not yet be certified by the State? (You may be asked to verify.) ☐ Yes ☐ No
- Have you determined if there are other possible opportunities for MBE/DVB participation such as suppliers, haulers, etc. or using a group of MBEs/DVBs jointly? ☐ Yes ☐ No
- Have you considered creating a plan of action with the assistance of the Supplier Diversity Program office to ensure that future contracts can have MBE/DVB participation and meet the construction requirements and goals of the State? (These plans may include mentoring, technical support and other innovative opportunities.) ☐ Yes ☐ No
- Did you negotiate in good faith? (You may be asked to verify.) ☐ Yes ☐ No



REQUEST FOR SUBMITTAL APPROVAL

Project Name _____ DFD Project No. _____
Contractor Name _____ Contractor Phone No. _____
Subcontractor/Supplier Name _____ Specification Section No. _____

- a. This Submittal is made under the provisions of the General Conditions of the Contract Documents. The Contractor makes an express warranty to DFD, by express affirmation, that if installed into or made a part of this project, the work which forms the basis of this Submittal will conform to the design requirements of the Contract Documents.
- b. It is the purpose of this Submittal to describe the goods proposed for use by the Contractor and to demonstrate conformance of that description to the Contract Documents.
- c. At the time of this submission, the Contractor acknowledges awareness that the purpose of this Submittal is to obtain DFD's authorization to use this Work for purposes of Contract Document compliance by the Contractor, and further, that DFD, in doing so, relies upon the skill, judgment and integrity of the Contractor to insure that this submitted Work complies with requirements of the Contract Documents. Contractor hereby acknowledges that it has, through the use of its own resources, found and selected the Work submitted herewith and that the Work submitted is usable for the purpose of being fit and suitable in the final construction under this Contract Documents.
- d. Notwithstanding any provision of this Contract Documents to the contrary, the Contractor hereby notifies DFD that the following features of the Submittal MAY NOT BE IN CONFORMANCE with Contract Document requirements, but nevertheless asks approval thereof. (Contractor shall include brief, specific description of each potential nonconformity. If NONE, Contractor shall so state.)

1.

2.

3.

4.

☐ Check if additional page(s) of potential nonconformity are attached.

Signed _____
Contractor's Authorized Representative _____ Date _____

Note: Contractors are required to copy and use this form as a cover sheet accompanying all submittals, as described in the General Conditions of the Contract Documents. All pages of submittals are to be consecutively numbered, with a front index page listing the total sequence of pages included.

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Request for Subcontractor Approval

Contractor Name		Project Title
Street Address	PO Box	Location
City	State	ZIP + 4
Contact Person	Phone Number	DFD Project Manager
Prime Contractor Business Certification <input type="checkbox"/> MBE* <input type="checkbox"/> DVB*		Contract Amount \$

The use of any subcontractors for this project must have prior approval by DFD.

☐ Revised Form _____

☐ **No Subcontractors will be used on this project**

Subcontractor Name / Phone Contact Person / Email	City, State	Type of Work/Service	Estimated Contract Amount	MBE*	DVB*
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

* MBE Minority Business Enterprise / DVB Disabled Veteran-Owned Business

☐ Additional Pages Attached

Prepared By:

Signature Date (mm/dd/ccyy)

Printed Name

Title

For DFD Use Only

Screened By Date (mm/dd/ccyy)

- ☐ Subcontractors Approved
☐ Subcontractors Approved Except as Noted

Project Manager Date (mm/dd/ccyy)

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PERFORMANCE BOND (100%)

This Surety Bond instrument is hereby executed to guarantee performance of a proposed contract between the herein named Principal and the State, dated _____, 20__, a copy of which is hereto attached and made a part hereof, herein called "Contract," for the construction of

Project Title _____

Project Location _____

Project Number _____ Contract For _____ work.
All, General, HVAC, Roofing, Etc.

KNOW ALL PEOPLE BY THESE PRESENTS That _____
Name of Contractor

of _____ as contractor, herein called "Principal", and _____
City and State Name of Surety

_____ of _____ as Surety, herein called
City and State

"Surety", are held firmly bound to the State of Wisconsin, for the Department of Administration, Division of Facilities Development herein called "the Owner", in the amount of \$_____ for the faithful performance of the Contract as hereinafter set forth. For the payment of which, well and truly to be made, we bind ourselves, our heirs, successors, executors, and administrators, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that if the said bounded Principal shall promptly and faithfully perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of the Contract, in all respects, and within the time prescribed in the Contract (or as such time may be extended as provided in the Contract), and shall indemnify and save harmless the Owner, its officers, employees and agents against any direct or indirect damages of every kind and description that shall be suffered or claimed to be suffered in connection with or arising out of the performance of the Contract by Principal or its subcontractors, and shall in all respects perform the Contract according to law, then this obligation shall be void; otherwise it shall be and remain in full force and effect.

FURTHER, that no final settlement between the Owner and the Principal shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

FURTHER, that no change, extension of time, alteration or addition to the work to be performed, or amount of, the Contract shall in any way affect Principal's or Surety's obligations on this bond, and Surety does hereby waive notice of any change, extension of time, alterations or additions thereunder.

PROVIDED, FURTHER, that the undersigned states that pursuant to express authority the corporate seal affixed to this instrument is the seal of this surety company, that the seal was affixed and this instrument was executed for and on behalf of this surety company; that authority has not been revoked by this surety company; that this instrument was executed as the free act and deed of this surety company; that the certificate of authority from the Commissioner of Insurance showing authority of this surety company to transact business in the State of Wisconsin has been obtained and will be provided to the Owner upon request; and further, that this surety bond was written through an agent duly licensed as such on the date thereof.

IN WITNESS WHEREOF, this instrument is executed this the _____ day of _____, 20____.

FOR THE PRINCIPAL

By _____
Corporate Secretary Signature
(Seal)

President, Partner or Individual Signature
Witnessed by _____

Witnessed by _____
Two witnesses must attest above signatures.

FOR THE SURETY

By _____
*Corporate Secretary Signature
(Seal)

Attorney in Fact or Authorized Officer

Street or PO Box

City, State and Zip Code

Telephone Number

Email Address
(This email address will be used to notify Surety of Project Start Date)

ACKNOWLEDGEMENT

STATE OF _____)
) ss
COUNTY OF _____)

I, _____, a Notary Public of said County and State, do hereby certify that _____
_____, Attorney-in-Fact or authorized officer of _____,
Name of Surety

who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered said instrument for and on behalf of _____, for the uses
and purposes therein set forth. Name of Surety

Given under my hand and notarial seal at my office at _____, _____, in said county,
City State

this _____ day of _____, 20____, A.D.

Notary Public

My commission expires _____

This Performance Bond is

APPROVED

Administrator, Division of Facilities Development



PAYMENT BOND (100%)

This Surety Bond instrument is hereby executed to guarantee payment of certain amounts related to a proposed contract between the herein named Principal and the State, dated _____, 20__, a copy of which is hereto attached and made a part hereof, hereinafter called "Contract," for the construction of

Project Title _____

Project Location _____

Project Number _____ Contract For _____ work.
All, General, HVAC, Roofing, Etc.

KNOW ALL PEOPLE BY THESE PRESENTS That _____
Name of Contractor

of _____ as contractor, herein called "Principal", and _____
City and State Name of Surety

_____ of _____ as Surety, herein called
City and State

"Surety", are held firmly bound to the State of Wisconsin, for the Department of Administration, Division of Facilities Development herein called "the Owner", in the amount of \$_____ for the payment of all claims, costs, charges and other amounts arising in connection with, or related to, the Contract as hereinafter set forth. For the payment of which, well and truly to be made, we bind ourselves, our heirs, successors, executors, and administrators, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that if the said bounded Principal shall promptly make payment pursuant to Section 779.14 of the Wisconsin Statutes to all persons who supply labor and material to said project in the prosecution of the work arising in connection with, or related to, the Contract, and shall pay all other just debts, dues and demands incurred in the performance of the Contract, and shall indemnify and save harmless the Owner, its officers, employees and agents against any direct or indirect damages of every kind and description that shall be suffered or claimed to be suffered as the result of Principal's failure to pay any amounts in connection with, or related to, the Contract, then this obligation shall be void; otherwise it shall be and remain in full force and effect.

FURTHER, labor performed and materials furnished, used or consumed in making the public improvement or performing the public work, include, without limitation because of enumeration, fuel, lumber, building materials, machinery, vehicles, tractors, equipment, fixtures, apparatus, tools, appliances, supplies, electric energy, gasoline, motor oil, lubricating oil, greases, state imposed taxes, premiums for worker's compensation insurance and contributions for unemployment compensation.

FURTHER, that no final settlement between the Owner and the Principal shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

FURTHER, that no change, extension of time, alteration or addition to the work to be performed, or amount of, the Contract shall in any way affect Principal's or Surety's obligations on this bond, and Surety does hereby waive notice of any change, extension of time, alterations or additions thereunder.

PROVIDED, FURTHER, that the undersigned states that pursuant to express authority the corporate seal affixed to this instrument is the seal of this surety company, that the seal was affixed and this instrument was executed for and on behalf of this surety company; that authority has not been revoked by this surety company; that this instrument was executed as the free act and deed of this surety company; that the certificate of authority from the Commissioner of Insurance showing authority of this surety company to transact business in the State of Wisconsin has been obtained and will be provided to the Owner upon request; and further, that this surety bond was written through an agent duly licensed as such on the date thereof.

IN WITNESS WHEREOF, this instrument is executed this the _____ day of _____, 20____.

FOR THE PRINCIPAL

By _____
Corporate Secretary Signature
(Seal)

President, Partner or Individual Signature
Witnessed by _____

Witnessed by _____
Two witnesses must attest above signatures.

FOR THE SURETY

By _____
*Corporate Secretary Signature
(Seal)

Attorney in Fact or Authorized Officer

Street or PO Box

City, State and Zip Code

Telephone Number

Email Address
(This email address will be used to notify Surety of Project Start Date)

ACKNOWLEDGEMENT

STATE OF _____)
) ss
COUNTY OF _____)

I, _____, a Notary Public of said County and State, do hereby certify that _____
_____, Attorney-in-Fact or authorized officer of _____,
Name of Surety

who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered said instrument for and on behalf of _____, for the uses
and purposes therein set forth. Name of Surety

Given under my hand and notarial seal at my office at _____, _____, in said county,
City State

this _____ day of _____, 20____, A.D.

Notary Public

My commission expires _____

This Payment Bond is

APPROVED

Administrator, Division of Facilities Development



CONSTRUCTION CONTRACT

Date _____

Project No. _____

Contract No. _____

THIS AGREEMENT is between the State of Wisconsin by its Department of Administration, represented by its Division of Facilities Development, herein called "DFD", and _____, doing business as _____, of the City of _____ and State of _____ hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and arrangements hereinafter mentioned, to be directed by DFD, the CONTRACTOR will commence and complete the construction described as follows:

hereinafter called the "Project", for the sum of _____ Dollars (\$ _____ .00) and all other work in connection therewith, under the terms as stated in the Contract Documents; and at the CONTRACTOR's own proper cost and expense to furnish all materials, supplies, machinery, equipment, tools, superintendence, labor, insurance, and other accessories and services necessary to complete the said Project in accordance with the conditions and prices stated in the Bid Form, Bidding and Contract Requirements, the drawings which include all maps, plats, plans, and other drawings and printed or written explanatory matter thereof, and the technical portion of the specifications therefor; as prepared by _____ herein called the A/E, and as enumerated in the Specification's Table of Contents, all of which are made a part hereof and collectively evidence and constitute the Contract Documents.

The CONTRACTOR hereby agrees to commence work under this Contract on or after a date to be specified in a written "Notice to Proceed" and to complete this work by _____.

DFD agrees to have the CONTRACTOR paid in current funds for the performance of the contract subject to additions and deductions, as provided in the General Conditions of the Contract, and to authorize payments on account thereof as provided in the Article entitled, "Payments to Contractor" of the General Conditions.

DFD has the delegated power and duty pursuant to Sec. 16.85(l), to act on all matters and for all purposes under this Contract; including additions and modifications therein incorporated.

IN WITNESS WHEREOF, DFD and the CONTRACTOR have executed this contract.

(Seal)	CONTRACTOR	<i>Contractor Firm Name</i>	
		<i>Address</i>	
		<i>State, City Zip</i>	
		By _____	_____
			Signature Date
		_____ Printed Name	
_____	Secretary of Corp.	_____ Title	
_____	Witness	_____ Employer Number (FEIN) or Social Security Number	

This Contract is not valid or effectual for any purpose until executed by all parties, and no work is authorized until the CONTRACTOR has been given Notice to Proceed by DFD.

APPROVED (if Contract is over \$150,000)

Administrator, Division of Facilities Development Date

Governor of Wisconsin Date

Note: If Contractor is a corporation, Secretary should attest. In accordance with current Federal IRS Regulations, all service provider entities are required to submit either their Employer Number or Social Security Number in order to receive payment for services rendered. The State of Wisconsin requests Tax ID numbers for all entities providing either goods or services, to facilitate approved payments to vendors in accordance with certain State Statutes and/or Administrative Rules.



GENERAL CONDITIONS OF THE GENERAL PRIME CONTRACTOR CONTRACT

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1. CONTRACT ADMINISTRATION

- A. The intention of the Contract Documents is to include all labor, materials, and equipment necessary for the completion of the Work in accordance with the standard of quality established by the Contract Documents and within the allowable time period specified.
- B. The General Prime Contractor shall attend a Pre-Construction Meeting, which will be scheduled by DFD. DFD shall designate DFD'S "PROJECT REPRESENTATIVE" at the Project Pre-Construction Meeting. This person is delegated authority to act on behalf of DFD, unless the Contract Documents specifically identify another party responsible for DFD Work activities. It is the intent of DFD to provide, to the extent possible, a single point of contact and communication for the General Prime Contractor to facilitate efficient, timely, and cost cost-effective completion of the Work.
- C. The General Prime Contractor shall employ, and specifically assign to the Project, a construction superintendent or foreman, experienced in Work of the character required by the Contract Documents. This person shall be delegated authority to act on behalf of the General Prime Contractor, and shall be, to the extent possible, a single point of contact and communication for DFD and all Subcontractors to facilitate efficient, timely, and cost-effective completion of the Work.
- D. DFD will periodically schedule progress meetings. At each such progress meeting, the parties will discuss the above-mentioned items, cooperate with others to assure successful completion of the Work, and help to quickly resolve problems which arise.

2. DEFINITIONS

THE FOLLOWING TERMS AS USED IN THE CONTRACT DOCUMENTS ARE DEFINED AS FOLLOWS:

- A. "ADDENDUM" means a written or graphic instruction which clarifies, amends, or interprets the Bidding Documents.
- B. "A/E" and "ARCHITECT/ENGINEER" means a person, partnership, corporation, or other business organization under Contract with DFD to prepare drawings and specifications, to advise DFD, to provide DFD with design services, and in certain cases, to perform inspection and review for the sole benefit of DFD during construction.
- C. "BIDDING AND CONTRACT REQUIREMENTS" means all items as described in Division 1 including "Bidding Requirements," "Contract Forms," "General Conditions," "Supplementary General Conditions," "General Requirements."
- D. "CONTRACT DOCUMENTS" means collectively, all documents listed in the Table of Contents of this Specification, the Drawings, Addenda, Change Orders, Notice to Proceed, and any changes in the Work approved by DFD and General Prime Contractor before the execution of the Contract.
- E. "CONTRACTOR" means any individual, firm, corporation, or other non-governmental organization which, in cooperation with other Contractors and persons, performs Work required by the Contract Documents. "Contractor" is all contractors working on a project regardless of contractual relationship. This includes the General Prime Contractor, MEP Subcontractors, Non-MEP Subcontractors, and all Subcontractors, regardless of tier of subcontract. The term "Contractor" does not include the State or the A/E.
- F. "DAMAGES FOR UNTIMELY PERFORMANCE" means a predetermined monetary amount to be paid to the State, based on anticipated real costs which the State will incur, due to the General Prime Contractor's failure to complete the Work within the allowable time identified in the Contract Documents.
- G. "DELAY" means an event that causes an increase in the duration of the Project, or that changes the sequence of the Work or individual Work activities, thereby preventing completion of the Project within the time period specified in the Contract Documents.
- H. "DFD" means Division of Facilities Development. (See "OWNER").

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- I. "DFD'S PROJECT REPRESENTATIVE" means the person or persons' delegated authority to act on behalf of DFD. Such person or persons may be the employees of DFD, or Consultants hired to perform the activities and responsibilities of DFD. "DFD's Project Representative" will be designated in writing at the Pre-Construction Meeting. DFD reserves the right to change its designated Project Representative at any stage of the Work, upon prior written notice to the General Prime Contractor.
- J. "DRAWINGS" means the graphic and pictorial portions of the Contract Documents, showing the design, type of construction, location, dimension and character of the Work to be provided by the General Prime Contractor, generally including, but not limited to plans, elevations, sections, details, schedules, diagrams, notes and portions of Specification.
- K. "EQUALS" means material, equipment or methods proposed and warranted by the General Prime Contractor as being equivalent to essential attributes of the material, equipment or method specified in the Contract Documents, and approved by DFD.
- L. "EXTENDED AND UNABSORBED OVERHEAD COSTS" means extended and unabsorbed overhead costs and related damages calculated pursuant to the original and modified Eichleay formulas adopted and recognized by the Armed Services Board of Contract Appeals and the United States Court of Appeals for the Federal Circuit.
- M. "FIELD ORDER" means changes in the Work made by DFD through use of direction, instruction, interpretation, determination, or any other mode or manner.
- N. "GENERAL PRIME CONTRACTOR" means the individual, firm, corporation, or other non-governmental organization that enters into a contract with the state to perform all work as required by the Contract Documents and enters into contracts with subcontractors including MEP Subcontractors identified by DFD. The term "General Prime Contractor" does not include the State or the A/E.
- O. "MECHANICAL, ELECTRICAL, OR PLUMBING SUBCONTRACTOR" ("MEP SUBCONTRACTOR") is any individual, firm, corporation, or other non-governmental organization that performs mechanical (Heating, Ventilating, and Air Conditioning), electrical, plumbing, or fire protection (fire suppression) work for the Project, and is identified by DFD as the successful MEP Subcontractor to enter into a contract with the General Prime Contractor to perform their division of work described in the contract documents.
- P. "NON-MEP SUBCONTRACTOR" means any subcontractor to a General Prime Contractor in divisions of work other than mechanical, electrical, plumbing, and fire protection. "Non-MEP Subcontractor" includes suppliers and installers to the General Prime Contractor.
- Q. "SUBCONTRACTOR" means all subcontractors on a project. "Subcontractor" includes MEP Subcontractors, subcontractors to the MEP Subcontractors, and Non-MEP Subcontractors.
- R. "NOTICE TO PROCEED" means a written notice provided by DFD to the General Prime Contractor authorizing the General Prime Contractor to proceed with the Work and establishing the date for completion of the Work.
- S. "OWNER" means the State of Wisconsin, Department of Administration, Division of Facilities Development, herein termed "DFD." DFD exercises the powers and duties prescribed by Wis. Stats. §§ 16.85 and 16.855.
- T. "PROJECT" means the total and complete construction of the Work required by the Contract Documents.
- U. "PROJECT SCHEDULE" means a graphic and written analysis of activity duration and sequencing, which is required for successful completion of the Project within the time period identified in the Contract Documents.
- V. "SHOP DRAWINGS" means drawings, diagrams, illustrations, schedules, performance charts, brochures, catalog data, and other data or samples specially prepared or provided by the General Prime Contractor, a Subcontractor including MEP Subcontractor Non-MEP Subcontractor, or Material Supplier to illustrate some portion of the Work. The terms "SHOP DRAWINGS" and "SUBMITTALS" may be used interchangeably in the Contract Documents.

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- W. "SPECIFICATIONS" means the Volume assembled for the Work which typically includes the Bidding and Contract Requirements, forms, and Technical Sections.
- X. "STATE" means the State of Wisconsin and its officers, employees, agents, divisions, bureaus, commissions, boards, authorities, and universities, colleges, and other institutions of higher learning.
- Y. "SUBMITTALS" means the terms "SUBMITTALS" and "SHOP DRAWINGS" may be used interchangeably in the Contract Documents. Refer to the definition of "SHOP DRAWINGS" contained herein.
- Z. "SUBSTANTIAL COMPLETION" means the stage in the progress of the Work when DFD determines that the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Project, or designated portion thereof, can be occupied and used for its intended purpose.
- AA. "SUBSTITUTIONS" means the use of material or equipment not specified in the Contract Documents, but that the General Prime Contractor proposes and warrants as suitable for the use intended and conforms to all other physical, functional, and performance requirements of the Contract Documents.
- BB. "SURETY" means a person or entity licensed to do business in the State of Wisconsin, who provides separate Performance Bonds and Payment Bonds to a General Prime Contractor to indemnify the State against all damages suffered by failure of the General Prime Contractor to perform the Work and to pay all lawful claims of Subcontractors, Material Suppliers, and laborers.
- CC. "WORK" means the plant, labor, materials, service, supplies, equipment, and other facilities and items comprising the whole of the Contract Documents.

3. CONTRACT DOCUMENTS

- A. The Contract Documents as defined in Article 2 shall form a part of this Contract. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all.
- B. The technical provisions of this Contract are set forth in the Specifications. The Specifications are complemented by the "Drawings" which may also be referred to as the "Plans." The Specifications and Drawings for this Contract are complementary and are to be so interpreted, unless that interpretation is so clearly erroneous as to defy the intent of the parties.
- C. The General Prime Contractor's bid price shall include complementary interpretation, and the performance of all Work which;
 - 1. in accordance with industry standards, customary practice, or by reasonable inference are details of Work that are necessary as part of the construction, operation, and coordination and interface of the Work;
 - 2. would necessarily be readily apparent to one skilled in the trades; or,
 - 3. a competent and experienced contractor would recognize as part of its responsibility.
- D. The failure of the General Prime Contractor to include in its bid the Work as defined in Paragraph 3.B. shall not relieve the General Prime Contractor from performing such Work and it shall be performed as if fully and correctly set forth and described in the Drawings and Specifications.
- E. Periodically, DFD may provide the General Prime Contractor additional instructions and drawings necessary to perform the Work. DFD shall make a good faith effort to coordinate such instructions and drawings with the Contract Documents, preparing them so they can be reasonably interpreted as a part thereof.

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4. CONFLICTING CONDITIONS

- A. DFD shall take all reasonable steps to assure that the Contract Documents are as accurate as possible, and provide information which, in the opinion of DFD, is necessary in preparing bids and constructing the Project. However, it is mutually understood that discrepancies or conflicts in the Contract Documents may be identified, in which case:
 - 1. Amendments and addenda take precedence over the Specifications;
 - 2. The Specifications take precedence over the Drawings;
 - 3. Stated dimensions take precedence over scaled dimensions;
 - 4. Large-scale detail drawings take precedence over small-scale drawings;
 - 5. Schedules take precedence over other data on the plans.
- B. Notwithstanding the above order of precedence, any clearly stated requirement of duties of the General Prime Contractor shall control over any rule of contract interpretation which might otherwise place those duties in conflict with other provisions of the Contract, and such duties shall be included in the General Prime Contractor's bid.
- C. The failure to inquire about any ambiguity in any provision of the Contract Documents which would be reasonably apparent to any bidder knowledgeable and skilled in the Work required by the bid shall grant DFD the right to interpret that ambiguity.
- D. Where the terms "A/E," "Architect/Engineer," "Architect," or "Engineer" are used in technical Sections of the Specifications, the General Prime Contractor shall understand that actions indicated to be accomplished by such named parties are actions which are solely as the professional technical advisor and consultant to DFD and such actions thus require final approval by DFD.
- E. In the event of any conflict between the terms of this Contract and any provision of law, the provision of law shall control and the parties hereto shall not be free to Contract contrary to law.

5. CONTRACT SECURITY

- A. The General Prime Contractor shall furnish a Performance Bond in an amount equal to one hundred percent (100%) of the Contract price, and a Payment Bond in an amount equal to one hundred percent (100%) of the Contract price, as security for the faithful performance of this Contract, payment of all persons performing labor or furnishing materials for the Project, and payment of all other debts incurred in the performance of the Work.
- B. The Performance Bond and Payment Bond Forms that the General Prime Contractor is required to execute are bound into the Specifications. Before the Construction Contract can be executed, the Performance Bond and Payment Bond must be delivered to and approved by DFD. Such approval will be predicated on prior satisfactory performance of a Surety.

6. SAFETY AND ACCIDENT PREVENTION

- A. The General Prime Contractor shall provide and maintain a Work environment and procedures which will:
 - 1. Safeguard the public and State personnel and agents, property, material, supplies, and equipment exposed to General Prime Contractor and all Subcontractors including, MEP Subcontractors and Non-MEP Subcontractors operations and activities;
 - 2. Avoid interruptions of user agency operations and delays in Contract completion dates; and,
 - 3. Control costs in the performance of this Contract.
- B. For these purposes, the General Prime Contractor shall:

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1. Provide appropriate safety barricades, signs, and signal lights;
 2. Comply with any safety requirement published by any governmental authority with jurisdiction over the site, including Federal, State, or local jurisdictions;
 3. Ensure that any additional measures which are reasonably necessary for the purposes stated are taken.
- C. The General Prime Contractor shall strictly comply with, and bear full responsibility for, any safety procedure set forth in the Contract Documents. In the absence of such compliance, the General Prime Contractor shall be responsible for indemnification of the State for any cost or expense, including legal fees. At the discretion of DFD, the General Prime Contractor may also be subject to termination of the Contract for default.
- D. If DFD becomes aware of any noncompliance by the General Prime Contractor or any Subcontractor, with the safety conditions of this Contract or of any condition caused by the General Prime Contractor or any Subcontractor, which poses a serious or imminent danger to the health or safety of the public or to State personnel, DFD's Project Representative shall notify the General Prime Contractor orally, with written confirmation, and direct immediate initiation of corrective action. This Notice, when given to the General Prime Contractor or the General Prime Contractor's Representative at the Work site, shall be deemed sufficient notice of noncompliance and that corrective action is required. After receiving the Notice, the General Prime Contractor shall immediately take corrective action. If the General Prime Contractor fails or refuses to promptly take corrective action, DFD may issue an order stopping all or part of the Work until satisfactory corrective action has been taken. The General Prime Contractor shall not be entitled to an equitable adjustment of the Contract price or an extension of the performance schedule by reason of the issuance of any stop Work order under this Article 6.
- E. The General Prime Contractor shall cause this Article 6, including this Paragraph E., with appropriate changes in paragraph designation, to be incorporated in all MEP Subcontracts and Non-MEP Subcontracts, regardless of tier.

7. PROTECTION OF WORK AND PROPERTY

- A. The General Prime Contractor shall at all times safely guard State property and adjacent property from injury, loss, release of hazardous or toxic materials, or damage in connection with the Contract Documents or the performance of the Work hereunder. The General Prime Contractor shall replace or make good any damage, loss, or injury caused as a result of failure to comply with Contract Documents. This contract provision shall be incorporated into the contracts between the General Prime Contractor, MEP Subcontractors, and Non-MEP Subcontractor.
- B. In case of an emergency which threatens loss or injury of property, or safety of life, the General Prime Contractor will be allowed to act, without previous instructions from DFD, in a diligent manner. The General Prime Contractor shall notify DFD immediately thereafter. Any claim for compensation by the General Prime Contractor due to such extra Work shall be promptly submitted to DFD for approval as provided for in Article 18 of the General Conditions.
- C. In the event of temporary suspension of Work, or during inclement weather, or whenever DFD shall direct, the General Prime Contractor shall carefully protect all Work and materials against damage or injury from the weather. This contract provision shall be incorporated into the contracts between the General Prime Contractor, MEP Subcontractors, and Non-MEP Subcontractors. If, in the opinion of DFD, any Work or materials have been damaged or injured by reason of failure on the part of the General Prime Contractor Subcontractors including MEP Subcontractor or Non-MEP Subcontractors to protect the Work, such materials shall be removed and replaced at the expense of the General Prime Contractor.
- D. The General Prime Contractor shall promptly, and without prior demand by DFD, remedy and repair any damage caused by the General Prime Contractor and all Subcontractors, suppliers, and vendors to completed or partially completed construction or to property of DFD or other Subcontractors

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8. PERMITS, REGULATIONS, UTILITIES, AND TAXES

- A. The General Prime Contractor shall procure all permits, licenses, and approvals necessary for the execution of this Contract and performance of the Work, and shall provide evidence of such permits, licenses, and approvals at the Pre-Construction Meeting or before commencement of the Work.
- B. Where Contract Documents require abatement of asbestos containing materials, prior written Notice to the State of Wisconsin, Department of Natural Resources is required. The General Prime Contractor shall provide evidence of such Notice prior to commencement of the Work.
- C. Work under this Contract shall be in compliance with all applicable state laws, codes, and regulations relating to environmental quality and safety, the performance of the Work, the protection of adjacent property, and the maintenance of passageways, guard fences, or other protective facilities. Such Work shall not be subject to the ordinances or regulations (except land use zoning) of the municipality in which the construction takes place, including ordinances or regulations relating to materials used, permits, supervision of construction or installation, payment of permit fees, or other restrictions of any nature whatsoever. DFD shall be notified by the General Prime Contractor of any Notices of noncompliance or violation associated with Work required by the Contract Documents.
- D. The General Prime Contractor shall pay all Sales, Consumer, Use, and other similar taxes required by law assessed to or arising out of the construction of the Project.
- E. If the General Prime Contractor believes that any of the Work required by the Contract Documents is in violation of any State law, code, rule, or regulation, the General Prime Contractor shall promptly notify DFD. Upon such notification, DFD will determine whether corrective action is required and make such changes, if any, at no additional cost to the General Prime Contractor provided such violation was not caused by the General Prime Contractor or a Subcontractor including, a MEP Subcontractors, or a Non-MEP Subcontractors.
- F. Charges for water, sewer, and other utility connections made by municipalities will be paid by the State. Payment for use of such services and utilities before Substantial Completion shall be in accordance with provisions of the General Requirements of the Contract.

9. STATE RESPONSIBILITY FOR THE SITE

- A. Prior to start of construction, the State shall furnish all land and rights-of-way necessary for the carrying out and completion of the Work to be performed under this Contract.
- B. DFD will furnish to the General Prime Contractor site, topography, and property surveys which DFD reasonably believes necessary for the execution of the Work.
- C. DFD, upon receipt of the Notice set forth in Paragraph 10.E., shall promptly investigate the site conditions reported by the General Prime Contractor to determine whether the conditions discovered differ materially from those indicated in the Contract Documents, are of an unknown and unusual nature which could not have been discovered by a reasonable site investigation by the General Prime Contractor as required by the Contract Documents, or which differ materially from those ordinarily encountered and generally recognized as being inherent in the Work of the character required by the Contract Documents at the site where Work is to be performed.
- D. DFD shall act on any General Prime Contractor Notice, as described in Paragraph 10.E. of the General Conditions, as soon as practicable, but in no case later than ten (10) working days after the receipt of such Notice. If DFD determines that the conditions reported by the General Prime Contractor differ materially from those indicated in the Contract Documents, or are of an unknown and unusual nature which could not have been discovered during a reasonable site investigation by the General Prime Contractor, then to the extent established by the General Prime Contractor and approved by DFD, DFD shall authorize an increase or decrease in the cost or time required for performing any part of the Work under this Contract.
- E. No request by the General Prime Contractor for an equitable adjustment to the Contract under this Article 9 shall be allowed, unless the General Prime Contractor gives proper Notice, which is a CONDITION PRECEDENT to any liability on the part of the State.

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- F. In no event shall any claim by the General Prime Contractor for equitable adjustment to the Contract for differing site conditions be allowed if presented after final payment under this Contract is made.

10. GENERAL PRIME CONTRACTOR RESPONSIBILITY FOR CONDITIONS AT THE SITE

- A. The General Prime Contractor is responsible for and hereby acknowledges that it has taken the steps reasonably necessary to prepare a bid which includes the costs for Work, the requirement for which would reasonably be known to a competent contractor, in overcoming normal subsurface conditions at the site where the Work is to be performed and in order to accomplish the Work described in the Contract Documents. Additionally, the General Prime Contractor certifies that it has investigated the site and satisfied itself as to the general and local conditions which affect the Work or its cost, including, but not limited to:
 - 1. Conditions bearing upon transportation, disposal, handling, and storage of materials;
 - 2. The availability of labor, water, electric power, and roads or access;
 - 3. Uncertainties of weather, river stages, tides, or similar physical conditions at the site;
 - 4. The conformations and conditions of the ground; and
 - 5. The character of facilities and equipment as represented by the Contract Documents.
- B. The General Prime Contractor also acknowledges that it has satisfied itself as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, and information included in the Contract Documents.
- C. Any failure of the General Prime Contractor to take the actions described and acknowledged in this Article 10 will not relieve the General Prime Contractor from responsibility for estimating properly the difficulty and cost of successfully performing the Work, or for proceeding to successfully perform the Work without additional expense to the State.
- D. The State assumes no responsibility for any erroneous conclusions or interpretations made by the General Prime Contractor based on the information made available by DFD. If an analysis of such data is only meaningful to a person skilled in the geotechnical sciences, then the General Prime Contractor is responsible for, and certifies that it has obtained, such an analysis or has otherwise decided that the data is understandable by it, as presented. The State assumes no responsibility for any understanding reached or representation made concerning conditions which can affect the Work by any of its officers, representatives, or agents before the execution of this Contract, unless that understanding, or representation is expressly stated in the Contract Documents.
- E. If the General Prime Contractor discovers, in the performance of the Work, a subsurface or latent physical condition at the site, including but not limited to possible environmental contamination or hazardous substances, which it did not discover pursuant to this Article 10, then the General Prime Contractor shall promptly, and before the condition is disturbed, give written Notice to DFD. Such Notice shall be subject to the procedures and limitations set forth in Article 20 hereof, entitled "Notice Requirements. The General Prime Contractor shall disclose in such Notice all the facts and circumstances then known to it, including the impact of such condition on the price, time, or quality of the Work remaining to be done.

11. SUBCONTRACTS

- A. The General Prime Contractor must subcontract with all successful MEP Subcontractors identified by DFD. The General Prime Contractor may enter into subcontracts for work other than MEP Subcontractor work, if subcontractors are approved by DFD through the Request for Subcontractor Approval Form. However, the election to subcontract Work shall not relieve the General Prime Contractor from responsibility or liability which it has assumed under this Contract. The General Prime Contractor shall remain liable to the same extent that its liability would attach, as if the Work had been performed by the General Prime Contractor's own employees. If the Specifications require or otherwise designate only one Subcontractor or source of supply for Work required under the Contract Documents, the General Prime Contractor's failure to acquire suitable Contract arrangements with such Subcontractor or source of

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supply shall not excuse the General Prime Contractor from full responsibility and liability for any failure or default of such source of supply.

- B. All Non-MEP Subcontractors are subject to DFD approval. DFD may request, or the General Prime Contractor may provide, any of the following information to substantiate the proposed Subcontractors' qualifications or ability to perform the Work. DFD shall consider such information when reviewing the qualifications of proposed Subcontractors to determine whether such qualifications serve the best interests of the Project.
1. The amount of experience completing similar Work to that required by the Contract Documents;
 2. The quality of Work the proposed Subcontractor has provided on past Projects;
 3. The extent of available staffing and financial resources of the proposed Subcontractor;
 4. The General Prime Contractor's intended method of monitoring the proposed Subcontractor's Work;
 5. The level of supervision of the Subcontractor's Work which the General Prime Contractor will provide;
 6. Any other information regarding the proposed Subcontractor's ability to complete the Work.
- C. Bidders shall submit a completed Request for Subcontractor Approval Form with their bid or within seven days of the general prime contractor bid opening. Submission of a completed Request for Subcontractor Approval Form is an element of responsiveness. Failure to submit this completed form within the above time limits will be considered unresponsiveness and may result in contract award to the next apparent low bidder. When no Subcontractors are anticipated, the General Prime Contractor shall give DFD notice of this fact on the Form within the time limits noted above.
- D. The General Prime Contractor shall not replace any DFD identified or approved Subcontractor or material supplier without written approval of DFD. Any General Prime Contractor request for replacement of a Subcontractor previously approved by DFD shall include the reason(s) for such replacement and all documentation necessary to substantiate such change.
- E. The General Prime Contractor agrees, to the extent practicable, to maintain a list of all Subcontractors and suppliers performing labor or furnishing materials for the project.
- F. The General Prime Contractor shall be fully responsible for all acts and omissions of all Subcontractors and shall be responsible for scheduling and coordinating the Work of all Subcontractors, including MEP Subcontractors, Non-MEP Subcontractors and material suppliers.
- G. Nothing herein shall be construed to create any express or implied Contractual relationship between DFD and any of the General Prime Contractor's MEP Subcontractors, Non-MEP Subcontractors, suppliers or vendors.
- H. Notwithstanding Paragraphs 11.C. and 11.D., the General Prime Contractor shall insert the following mandatory provisions in all subcontracts with Subcontractors s:
1. All provisions of this Article 11
 2. Article 26 - Payments to General Prime Contractor
 3. Article 27 - Payments by General Prime Contractor
 4. Article 32 - Nondiscrimination/Affirmative Action
 5. Article 33 - Minimum Wages

The General Prime Contractor shall include the mandatory provisions in Article 12 MEP SUBCONTRACTORS in all MEP subcontracts.

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12. MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION (MEP) SUBCONTRACTORS

- A. The General Prime Contractor will offer a subcontract to the successful MEP Subcontractors identified by DFD and included in the General Prime Contractor's bid. This subcontract between a General Prime Contractor and a MEP Subcontractor must include a scope of work clause identical to the scope of work clause included in the Bid Documents and the contract between the General Prime Contractor and the state (see item D below). A General Prime Contractor and an MEP Subcontractor may not enter any agreement in connection with bids submitted that would alter or affect the scope or price of the contracts entered into. This prohibition does not apply to DFD change orders that result in changes to the plans or specifications, or to back charges allowed by the contract. The General Prime Contractor shall base its project schedule on the schedule in the specifications or bid instructions unless otherwise agreed to by the MEP Subcontractor.

- B. **Pursuant to Wis. Stat. §16.855 (14m)(a), The contract entered into between the General Prime Contractor and an MEP Subcontractor must contain all of the following clauses:**

Prompt Payment. (general prime contractor) shall pay (mechanical, electrical, or plumbing subcontractor) in accordance with section 16.855(19)(b), Wisconsin stats, for work that has been satisfactorily completed and properly invoiced by (mechanical, electrical, or plumbing subcontractor). A payment is timely if it is mailed, delivered, or transferred to (mechanical, electrical, or plumbing subcontractor) by the deadline under section 16.855(19)(b), Wisconsin stats.

If (mechanical, electrical, or plumbing subcontractor) is not paid by the deadline in this contract, (general prime contractor) shall pay interest on the balance due from the eighth day after the (general prime contractor) receives payment from the Department of Administration for the work for which payment is due and owing to (mechanical, electrical, or plumbing subcontractor), at the rate specified in section 71.82, Wisconsin stats., compounded monthly. A (mechanical, electrical, or plumbing subcontractor) that receives payment as provided under this contract and that subcontracts with another entity shall pay those subcontractors, and be liable for interest on late payments to those subcontractors, in the same manner as the (general prime contractor) is required to pay the (mechanical, electrical, or plumbing subcontractor) under this contract.

Insurance and Bonds. (mechanical, electrical, or plumbing subcontractor) shall not commence work under this contract until it has obtained all necessary insurance required of (mechanical, electrical, or plumbing subcontractor) in the contract between the (general prime contractor) and the Department of Administration. (mechanical, electrical, or plumbing subcontractor) shall provide a separate 100 percent performance bond and a separate 100 percent payment bond to the benefit of the (general prime contractor) as the sole named obligee. Original bonds shall be given to the (general prime contractor) and a copy shall be given to the Department of Administration no later than 10 days after execution of this contract.

Indemnification. To the fullest extent permitted by law, (mechanical, electrical, or plumbing subcontractor) shall defend, indemnify, and hold harmless (general prime contractor) and its officers, directors, agents, and any others whom (general prime contractor) is required to indemnify under its contract with the department, and the employees of any of them, from and against claims, damages, fines, penalties, losses, and expenses, including but not limited to attorney fees, arising in any way out of or resulting from the performance of the work under this contract, but only to the extent such claim, damage, fine, penalty, loss, or expense: (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of property, including but not limited to loss of use resulting therefrom and is caused by the negligence, or acts or omissions, of (mechanical, electrical, or plumbing subcontractor), its subcontractors, any of their employees, and anyone directly or indirectly employed by them or anyone for whose acts they may be liable, or (2) as related to such claims, damages, fines, penalties, losses, and expense of or against (general prime contractor), results from or arises out of the negligence of the (general prime contractor) or other fault in providing general supervision or oversight of the work of (mechanical, electrical, or plumbing subcontractor) or (3) as related to claims, damages, fines, penalties, losses, and expense against the Department of Administration, arises out of the department's status as owner of the project or project site.

In addition (mechanical, electrical, or plumbing subcontractor) shall defend, indemnify, and hold harmless (general prime contractor) and its officers, directors, agents, and any others (general prime contractor) is required to indemnify under its contract with the department, and the employees of any of them, from any liability, including

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liability resulting from a violation of any applicable safe place act, that (general prime contractor) or the state incurs to any employee of (mechanical, electrical, or plumbing subcontractor) or any third party where the liability arises from a derivative claim from said employee, when the liability arises out of the failure of the (general prime contractor) or the state to properly supervise, inspect, or approve the work or work area of (mechanical, electrical, or plumbing subcontractor), but only to the extent that the liability arises out of the acts or omissions of (mechanical, electrical, or plumbing subcontractor), its employees, or anyone for whom (mechanical, electrical, or plumbing subcontractor) may be liable, or from (mechanical, electrical, or plumbing subcontractor's) breach of its contractual responsibilities or arises out of (general prime contractor's) negligence or other fault in providing general supervision or oversight of (mechanical, electrical, or plumbing subcontractor's) work or arises out of the Department of Administration's status as owner of the project or project site. In claims against (general prime contractor) or the state by an employee of (mechanical, electrical, or plumbing subcontractor) or its subcontractors or anyone for whose acts (mechanical, electrical, or plumbing subcontractor) may be liable, the indemnification obligation of this paragraph is not limited by a limitation on amount or type of damage, compensation, or other benefits payable by or for the (mechanical, electrical, or plumbing subcontractor) subcontractors under workers compensation act.

Except as identified above, the obligations of (mechanical, electrical, or plumbing subcontractor) under this indemnification do not extend to the liability of (general prime contractor) and its agents or employees arising out of (1) preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs, or specifications; (2) the giving of or failure to give directions or instructions by the (general prime contractor) or the Department of Administration or their agents or employees provided the giving or failure to give is the cause of the injury or damage; or (3) the acts or omissions of other subcontractors.

Retainage. Retainage shall occur and be in amounts and on a schedule equal to that in the contract between (general prime contractor) and the Department of Administration.

- C. Pursuant to Wis. Stat. § 16.855(19)(b), Retainage between General Prime Contractor and MEP Subcontractors is governed as follows:

As the work progresses under any MEP subcontract for construction of a project, the general prime contractor shall, upon request of a subcontractor, pay to the subcontractor an amount equal to the proportionate value of the subcontractor's work properly completed, less retainage. The retainage shall be an amount equal to not more than 5 percent of the subcontractor's work completed until 50 percent of the subcontractor's work has been completed. At 50 percent completion, no additional amounts may be retained, and partial payments shall be made in full to the subcontractor unless the department certifies that the subcontractor's work is not proceeding satisfactorily. At 50 percent completion or any time thereafter when the progress of the subcontractor's work is not satisfactory, additional amounts may be retained but the total retainage may not be more than 10 percent of the value of the work completed. Upon substantial completion of the subcontractor's work, any amount retained shall be paid to the subcontractor, less the value of any required corrective work or uncompleted work. All payments the general prime contractor makes under this paragraph shall be within 7 calendar days after the date on which the general prime contractor receives payment from the department.

- D. Pursuant to Wis. Stat. § 16.855(14m)(b), the MEP Subcontracts must include a scope of work clause that is identical to the scope of work clause on which the MEP Subcontractor bid. The following Scope of Work language shall be included in the contracts between the General Prime Contractor and MEP Subcontractors:

Scope of Work. The MEP Subcontractor scope of work is identical to the General Prime Contractor scope of work included in these bidding and contract documents. By submitting and signing a bid, all bidders have examined all of the Bidding Documents listed in the Table of Contents of the project specifications. The successful bidders will be required to do all work which is shown on the drawings, mentioned in the specifications, or reasonably implied as necessary to complete the division of work bid for this project.

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13. SCHEDULING AND COORDINATION OF WORK

- A. The General Prime Contractor has the full and complete responsibility for the accomplishment of all Work within the specified time indicated in the Contract Documents, except where the Contract Documents explicitly and specifically place a limited duty for completion on the State.
- B. DFD and the General Prime Contractor hereby commit themselves to good faith negotiation, coordination, and cooperation to assure the timely completion of the Project. By accepting this Contract, the General Prime Contractor agrees that scheduling, coordination, and monitoring activity for All Work will be placed under the direct control and supervision of a person experienced in construction scheduling, means and methods. If such experience and knowledge must be obtained by Contracting with a separate scheduling consultant, the entire cost of such consultant shall be borne by the General Prime Contractor. Additionally, the General Prime Contractor fully agrees to cooperate in all respects with all Subcontractors, including MEP Subcontractors, Non-MEP Subcontractors, and suppliers to provide all data required, and shall coordinate the activities of its own Work forces and the Work forces of the Subcontractors, in such manner and at such time as to not cause a delay in the Project.
- C. The General Prime Contractor and the State shall be given the opportunity to schedule its own Work as conveniently as is consistent with the overall needs of the Project Schedule.
- D. The General Prime Contractor shall afford the State and any other parties performing Work on the Project, reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities at the site.
- E. The Project Schedule shall incorporate all activities, events, and milestones required for successful Project completion within the allowable time for completion specified in the Contract Documents. The General Prime Contractor shall prepare a breakdown of all Work activities or events, whether the activities are to be performed by the General Prime Contractor's own forces, those of Subcontractors, including MEP Subcontractors and Non-MEP Subcontractors, or the State, indicating the proposed duration and sequencing of such activities for successful completion of the Project within the allowable time specified in the Contract Documents. The General Prime Contractor shall also identify whether any Work activity or event is dependent on the Work of its own forces or with those of the State. The failure to list any activity or to perform any other duty required by or incident to that required by these General Conditions shall not be the basis of a claim for adjustment of any provision of this Contract, or of any other type of claim whatsoever.
- F. The General Prime Contractor shall, within fourteen (14) calendar days from the Notice to Proceed, develop and publish a Project Schedule for the first sixty (60) calendar days of the Project. The completed Project Schedule, for all Work activities through Project completion, shall be developed and published within this sixty (60) day period. **Pursuant to 16.855 (14m)(d), the General Prime Contractor must base this Project Schedule on the schedule that the MEP Subcontractors and General Prime Contractors bid on (in the specifications or bid instructions), unless otherwise agreed to by the MEP Subcontractor.** No provision of this Contract shall be construed to relieve the General Prime Contractor of this requirement. Monthly updates of the schedule shall be developed, analyzed and published and each subsequent update shall include a breakdown of major activities to be performed by each separate Contractor or entity, and all activities required for development, monitoring, and updating the Project Schedule.
- G. If the General Prime Contractor's Work depends upon construction or operations by the State, the General Prime Contractor shall, prior to proceeding with that portion of the Work, promptly give Notice to DFD of any apparent deficiencies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of the General Prime Contractor to so report shall constitute an acknowledgment that the State's completed or partially completed construction is fit and proper to receive the General Prime Contractor's Work, except as to defects not then reasonably discoverable.
- H. The General Prime Contractor shall identify forthwith any critical event which will require DFD to act or to refrain from acting, or critical time periods within which the State must complete activities or Work for which DFD is responsible under the Contract. Timely Notice of any such identified event or time period shall be given to DFD. The giving of such Notice is a CONDITION PRECEDENT to the creation of any duty of DFD to take any action or to refrain from taking any action. The failure of the General Prime Contractor to give such Notice forthwith shall

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thereafter bar and preclude any claim by the General Prime Contractor for adjustment of any Contract provision or claim predicated on the breach of any obligation by DFD.

- I. Where any Work activity required for completion of the Project, is completed in less time than that required, anticipated, or otherwise allowed by the Project Schedule, the unused time, hereinafter called Float, shall belong to the Project, to be used by the General Prime Contractor as the Project needs determine, including but not limited to providing additional time for completion of any other Work activities required for completion of the Project. Float shall not be considered owned, subject to the exclusive use, or management by any of the interested participants. No claim against DFD or the General Prime Contractor shall be made by any party for the loss of Float time.
- J. The General Prime Contractor shall be independently responsible for resolving any time related matters with Subcontractors, including MEP Subcontractors, Non-MEP Subcontractors, suppliers, or others who may furnish supplies or services on the Project, as a result of Contractual relations with the General Prime Contractor. No liability shall attach to the State, for the failure of any party to carry out the coordination and scheduling responsibilities which they have assumed under this Article 13.
- K. The General Prime Contractor is hereby put on Notice that failure to furnish data or cooperate in good faith is a MATERIAL BREACH OF CONTRACT and may be the basis for a Termination for Default under the procedures set forth in these General Conditions. In such cases DFD, in addition to, and not in lieu of the right to termination for default, may acquire the services of a scheduling specialist to perform any such duties and charge the cost thereof to the General Prime Contractor. In the event that DFD is required to acquire any replacement scheduling services, the General Prime Contractor shall conform to any revised schedule resulting therefrom.
- L. In addition to the criteria set forth in these General Conditions, the full and complete performance of duties required to be performed under this Article 13, is a CONDITION PRECEDENT to the right of the General Prime Contractor to payment of any sums due.. In the event of any delays by the General Prime Contractor or other breach hereof which gives rise to penalties and/or damages to the State, then in any such event DFD may offset such penalties and damages against the sums due or to become due the General Prime Contractor hereunder.
- M. The bonds furnished to secure these commitments shall be applicable to each and every one of these time and scheduling commitments and may be enforced by any person or entity who is entitled to enforce the bonds as a matter of law and who is damaged as a result of breach of these commitments by the General Prime Contractor on the Project to which these provisions apply. The State shall not be responsible for the default of the General Prime Contractor and the remedies of any damaged party shall be limited to an action by the damaged party against the defaulting General Prime Contractor and/or its bonding company, in addition to any other coverage for the bond.
- N. The General Prime Contractor is cautioned that the reporting requirements specified in or for the Schedule Requirements, are in addition to any such similar requirements set forth in the Articles hereof entitled, "REPORTS, RECORDS AND DATA", "QUALITY CONTROL & INSPECTION, and "NOTICE".
- O. In the event it becomes necessary to interpret this Article 13, the construction or interpretation shall strive to achieve the purpose for which this Article 13 was designed to accomplish, i.e. timely, effective and efficient performance of the Work under the Contract within the allowable time identified in the Contract Documents, and at no extra cost or inconvenience to any party, if at all possible.

14. GENERAL PRIME CONTRACTOR'S OBLIGATIONS AND SUPERINTENDENCE

- A. The General Prime Contractor shall provide and pay for all materials, labor, tools, equipment, transportation, and superintendence necessary to execute, complete, and deliver the Work within the specified time.
- B. Where technically and economically feasible, the General Prime Contractor shall use the least hazardous materials, equipment, and processes to execute the Work. If materials are used which are considered an OSHA hazardous material, the General Prime Contractor shall comply with all OSHA rules and regulations.
- C. No materials or supplies which are to become part of the Work shall be purchased by the General Prime Contractor or by any Subcontractor, including MEP Subcontractor or Non-MEP Subcontractor subject to any chattel mortgage, conditional sale contract, or other agreement by which a security interest is retained by the seller. Upon Substantial

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Completion of the Work, good title to all materials and supplies incorporated into the Work shall be conveyed to the State, free and clear of all liens and encumbrances.

- D. General Prime Contractor's obligation for inspection and quality control shall be as provided for in Article 15, entitled "QUALITY CONTROL & INSPECTION", of these General Conditions.
- E. General Prime Contractor's obligation for scheduling of Work and coordination with other entities performing Work required for the completion of the Project shall be as provided for in Article 13, entitled "SCHEDULING AND COORDINATION OF WORK", of these General Conditions.
- F. Any Work necessary to be performed after regular working hours, on Sundays, or Legal Holidays, and for which the General Prime Contractor is responsible, shall be performed without additional expense to the State.
- G. The General Prime Contractor shall furnish, erect, maintain, and remove such temporary Works as identified in the General Requirements of the Contract.
- H. The General Prime Contractor shall give continuous personal superintendence to the Work and its performance at the site, or shall employ a construction superintendent or foreman, experienced in Work of the character covered by the Contract Documents, who shall have full authority to act for the General Prime Contractor.
- I. The presence and observation of the Work by DFD's Project Representative shall not relieve the General Prime Contractor of any obligations.
- J. The premises and surrounding area shall be kept reasonably free from accumulation of waste material or rubbish as specified in the General Requirements of the Contract.
- K. Unused and discarded materials shall be managed or disposed of as specified in the General Requirements of the Contract.
- L. If, in the opinion of DFD, the actions or Work of an employee of the General Prime Contractor or a Subcontractor, including MEP Subcontractor or Non-MEP Subcontractor are judged to be unsatisfactory, careless, incompetent, unskilled, in violation of any environmental or safety standards, or otherwise objectionable, the employee shall be removed from the Project or other corrective action taken upon Notice from DFD.

15. QUALITY CONTROL & INSPECTION

- A. The General Prime Contractor shall, except where a provision of the Contract Documents explicitly states to the contrary, have the full, complete, and absolute responsibility and obligation for insuring that the Work performed by the General Prime Contractor and Subcontractors, including MEP Subcontractors, and Non-MEP Subcontractors strictly conforms to the requirements set forth in the Contract Documents. The General Prime Contractor shall maintain an adequate inspection and quality control system and shall perform such inspections as will ensure that the Work performed under this Contract conforms to the requirements of the Contract Documents.
- B. At the Pre-Construction Meeting, the General Prime Contractor shall provide DFD a full description of the General Prime Contractor's quality control and inspection system and method of implementation.
- C. Prior to the start of significant on-site work by any trade, DFD's Project Representative, the General Prime Contractor's Superintendent and the Subcontractor's foremen, including the MEP Subcontractor foremen and Non-MEP Subcontractors' foremen, shall conduct a pre-installation conference. The purpose of the meeting is to review and discuss Contract requirements applicable to the work, samples required, level of quality necessary, and find answers to any questions that may arise. Such meeting is in addition to regularly-scheduled progress meetings and will be arranged on-site by DFD's Project Representative.
- D. The General Prime Contractor shall maintain complete inspection records and test data to ensure that quality of the Work is in strict compliance with the terms of the Contract Documents. These records shall be available to DFD's Project Representative at all reasonable times and places. The doctrine of "substantial conformity" to the quality

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requirements of the Contract Documents, shall have no application, unless DFD accepts the Work in accordance with Paragraph 15.F

- E. DFD reserves the right to conduct its own quality assurance verification, and to observe, inspect, and /or conduct tests relative to General Prime Contractor and Subcontractor performance. If, when conducting its own quality assurance program, DFD determines that the Work or a portion thereof does not comply with requirements of the Contract Documents, DFD shall attempt to notify the General Prime Contractor of such deficiencies as soon as practicable. However, DFD's exercise of rights under this provision does not:
 - 1. Relieve the General Prime Contractor of the responsibility for providing adequate inspection and quality control measures or the proper documentation of the occurrence of the events required to be tested or monitored in the performance of the Work required by the Contract Documents; and shall provide no basis for waiver or estoppel claims to be asserted against the State;
 - 2. Relieve the General Prime Contractor of responsibility for damage to or loss of the material before acceptance;
 - 3. Constitute or imply acceptance on the part of DFD;
 - 4. Affect the continuing rights of the State after acceptance of the completed Work, except as specifically stated to the contrary, in the Contract Documents.
- F. The presence or absence of DFD's Project Representative does not relieve the General Prime Contractor from any Contract requirement. If the General Prime Contractor desires waiver of any technical or Contract requirement or any other deviation from the strict requirements of the Contract Documents, a specific request for such waiver or deviation must be made to DFD's Project Representative for consideration.
- G. The General Prime Contractor shall, without charge, replace or correct Work found not to conform to the Contract Document requirements, unless in the public interest, DFD agrees to accept the non-conforming Work with an appropriate adjustment in the Contract price thereof. Such acceptance of non-conforming Work shall, whether the determination is to be made at the time of final completion or during the performance of Work, be based upon a determination by DFD that the deviation from Contract Document requirements does not adversely affect the integrity of completed Work.
- H. When DFD directs the General Prime Contractor to replace or correct rejected Work and the General Prime Contractor fails to take such action within the time period identified by DFD, DFD may:
 - 1. Terminate this Contract for default under Article 29, hereof entitled "DFD'S RIGHT TO TERMINATE CONTRACT", or
 - 2. Suspend or stop the Work under Article 28, hereof entitled "DFD'S RIGHT TO SUSPEND, STOP, OR COMPLETE WORK".
- I. If, before acceptance, DFD decides to examine already completed Work by removing it, or removing other Work to expose it, the General Prime Contractor shall promptly furnish all necessary facilities, labor, and material necessary to accomplish the examination. If the Work is found to be defective or non-conforming in any material respect due to the fault of the General Prime Contractor or Subcontractor, or otherwise fails, in the judgment of DFD, to meet the requirements set forth in Paragraph 15.F., the General Prime Contractor shall be responsible for all costs associated with replacement or repair of the defective Work, including the costs of removing or tearing the Work out and satisfactory reconstruction. However, if the Work is found to meet Contract requirements, DFD shall make an equitable adjustment for the additional services involved in the examination and reconstruction, including, if completion of the Work was thereby delayed, an extension of time.
- J. Costs caused by defective construction shall be borne by the General Prime Contractor.
- K. Unless otherwise specified in the Contract, DFD shall accept, as reasonably as practicable after completion and inspection, all Work completed under the Contract or that portion of the Work which DFD determines can be accepted separately.

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16. SUBMITTALS

- A. The General Prime Contractor shall submit at the Pre-Construction Meeting a register listing all known submittals required for the project.
- B. When the General Prime Contractor makes a "Submittal" to describe how it will fulfill its responsibility under this Contract by submitting Shop Drawings, Samples, Cuts, Catalogues, Models, Mockups, or other preliminary information, the following provisions shall apply:
 - 1. THE GENERAL PRIME CONTRACTOR NOTES THE CONSPICUOUS NATURE OF THIS ARTICLE and agrees that these provisions are material provisions and are to be enforced, in the event of controversy, in such a manner as to place upon the General Prime Contractor the full, complete, and total responsibility for the submittal's conformance with the requirements of this Contract, and suitability or usability of preliminary submissions by the General Prime Contractor, without regard to any DFD action or failure to act;
 - 2. All Submittals and supporting information shall be delivered to a party designated by DFD, who shall act on any such Submittal within ten (10) working days or notify the General Prime Contractor in writing, of the time required for such action if greater than the aforementioned ten (10) day period. Such designation shall take place at the Project Pre-Construction Meeting. Review of the Submittals for conformance with requirements of the Contract Documents shall be completed by the party responsible to DFD for Project design. A copy of all such submittal and transmittal forms shall also be sent to DFD's Project Representative;
 - 3. The General Prime Contractor shall make submittals in a timely fashion to assure completion of the entire Project within the allowable time specified in the Contract Documents. The timing of such Submittals shall be subject to the provisions of Paragraphs 13.C. and 13.H.;
 - 4. Each Submittal by the General Prime Contractor shall contain the cover page included in the Specifications. Such cover page shall be signed by a representative of the General Prime Contractor responsible for review of the Submittal to assure compliance with requirements of the Contract Documents.
- C. Submittals shall be provided in response to requests for submittals by DFD, or whenever required by the Contract Documents.
- D. If the General Prime Contractor submits for approval items which do not strictly comply with the design requirements of Contract Documents, the General Prime Contractor shall provide all engineering or design information necessary for complete evaluation of the Submittal by DFD. If it is determined by the General Prime Contractor or DFD that the services of a professional consultant, engineer or architect are required to provide such information, the General Prime Contractor shall acquire such services at its own expense.
- E. If the General Prime Contractor believes that requirements of the Contract Documents are in conflict with the manufacturer's recommended method of installation or application of specified materials, products, or systems, the General Prime Contractor shall indicate such possible conflicts at the time of submittal.

17. EQUALS AND SUBSTITUTIONS

- A. It is not the intention of DFD to limit or restrict competition by the use of any "Brand Name", reference to a particular manufacturer, process, technique, catalog number or other identifying information. Such proprietary specifications or use of "Brand Names" are intended to establish a level of quality or the minimum essential requirements to which the General Prime Contractor must conform, unless more explicit restrictions are stated to apply.
- B. When the Contract Documents list performance or functional characteristics in connection with Work to be performed, these characteristics are mandatory for reasons of design. Use of any "Equal" or "Substitution" shall be subject to the prior written approval of DFD.
- C. Material, equipment, or processes offered for use as an "Equal" or "Substitution" may be proposed by the General Prime Contractor in writing. Such proposals shall guarantee the proposed "Equal" or "Substitution" to be capable of

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performing the duties of the originally specified material, equipment, or process. DFD shall respond to any such proposal as soon as practicable, but in no case later than seven (7) working days after receipt of such proposal.

- D. It shall be the sole responsibility of the General Prime Contractor to provide all documentation, regardless of type or quantity, to clearly establish the qualifications of items proposed as "Equals" or "Substitutions" under this Article 17. If the value of the "Equal" or "Substitution" is less than the item specified in the Contract Documents, then an equitable reduction of the price of the Contract shall be made.
- E. When "Equals" or "Substitutions" are approved by DFD and incorporated into the Project by the General Prime Contractor, all costs incurred to 1) correct deficiencies in items, 2) provide for installation or hookup, or 3) to achieve performance specified in the Contract Documents, will be borne by the General Prime Contractor.
- F. Any substitute material or equipment installed by the General Prime Contractor without approval of DFD shall be subject to immediate removal and all costs required to conform to the Contract Documents shall be borne by the General Prime Contractor.
- G. The General Prime Contractor shall assume all liability and responsibility for any changes in the Work or additional Work required to accommodate use of proposed and approved "Equals" or "Substitutions." DFD's approval of such "Equals" or "Substitutions" does not relieve the General Prime Contractor from the obligation to pay all additional costs resulting from their inclusion in the Work, even if additional costs or Work become apparent after execution of the change or installation of the "Equal" or "Substitution." The General Prime Contractor's liability shall include payment of any additional costs incurred by the State, made necessary by, or directly connected to, such changes.

18. CHANGES IN THE WORK

- A. Except in cases of emergency, no changes in the Work required by the Contract Documents may be made by the General Prime Contractor without having prior approval of DFD.
- B. DFD may at any time, without invalidating the Contract and without Notice to Sureties, order changes in the Work by written Change Order or Field Order. Such changes may include additions and/or deletions.
- C. Where DFD desires to make changes in the Work through use of written Change Order, the following procedures shall apply:
 - 1. If requested by DFD, the General Prime Contractor shall prepare and submit a detailed proposal, including all cost and time adjustments to which the General Prime Contractor believes it will be entitled if the change proposed is incorporated into the Contract. DFD shall be under no legal obligation to issue a Change Order for such proposal;
 - 2. The parties shall attempt in good faith to reach agreement on the adjustments needed to the Contract to properly incorporate the proposed change(s) into the Work. In the event that the parties agree on such adjustments, DFD may issue a Change Order and incorporate such changes and agreed to adjustments, if any;
 - 3. In some instances, it may be necessary for DFD to authorize Work or direct changes in Work for which no final and binding agreement has been reached and for which unit prices are not applicable. In such cases the following shall apply:
 - a. Upon written request by DFD, the General Prime Contractor shall perform the proposed Work;
 - b. The cost of such changes shall be determined in accordance with subparagraph 18.I.3..
 - c. In the event agreement cannot be accomplished as contemplated herein, DFD may authorize the Work to be performed by State forces or to hire others to complete the Work. Such action on the part of the State shall not be the basis of a claim by the General Prime Contractor for failure to allow it to perform the changed Work.

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- D. Where changes in the Work are made by DFD through use of a Field Order, the General Prime Contractor shall as soon as practicable, and in no case later than ten (10) working days from the receipt of such order, unless another time period has been agreed to by both parties, give DFD written Notice, stating:
1. The date, circumstances and source of the Field Order; and,
 2. The cost of performing Work described by such Order, if any; and,
 3. Effect of the order on the required completion date of the Project, if any.
- E. The giving of each Notice by the General Prime Contractor as prescribed by this Article 18, shall be a **CONDITION PRECEDENT** to liability of the State for payment of any additional costs incurred by the General Prime Contractor in implementing changes in the Work. Under this Article 18, no order or statement of the State shall be treated as a Change Order, or shall entitle the General Prime Contractor to an equitable adjustment of the terms of this Contract or damages for costs incurred by the General Prime Contractor on any activity for which the Notice was not given.
- F. In the event Work is required due to an emergency as described in Article 7.B., the General Prime Contractor must request an equitable adjustment as soon as practicable, and in no case later than ten (10) working days of the commencement of such emergency.
- G. All General Prime Contractor requests for equitable adjustment shall be submitted to DFD's Project Representative in written form. Such requests shall set forth with specificity the amount of and reason(s) for the proposed adjustment and shall be accompanied by supporting information and documents. The review, resolution, and payment of such requests shall be governed by Article 30.
- H. No adjustment of any kind shall be made to this Contract, if asserted by the General Prime Contractor for the first time, after the date of final payment.
- I. When DFD makes changes in the Work through written Change Order or Field Order, an amount to be added to or deducted from the Contract shall, at the sole discretion of DFD, be calculated using one of the following methods:
1. By unit prices stated in the Contract Documents or subsequently agreed upon by DFD and the General Prime Contractor; or
 2. By a lump sum agreed upon by the General Prime Contractor and DFD, which includes and is limited to the following:
 - a. **LABOR:** Actual labor rate includes the base rate, taxes, insurance and fringe benefits required by agreement or custom. Unit labor is the labor time anticipated to be expended to install the corresponding unit of actual materials, as taken from the appropriate column of a DFD pre-approved current national manual of labor units. Labor cost is the labor hours approved by DFD multiplied by the DFD pre-approved composite hourly labor rates;
 - b. **MATERIAL:** Actual material cost is the amount paid or to be paid by the General Prime Contractor for materials, supplies and equipment entering permanently into the Work, including cost of transportation and applicable taxes. This cost shall be substantiated by the Vendor/Supplier's verified invoices/quotes or by using a DFD approved current national pricing service, lowest column price, multiplied by 0.75. The cost shall not exceed the usual and customary cost for such items available in the geographical area of the project. DFD shall have the option of using either or both methods of substantiation to determine the cost to be used;
 - c. **LARGE TOOLS AND MAJOR EQUIPMENT:** Large tools and major equipment are those with an initial cost greater than \$1,000, whether from the General Prime Contractor or other sources. Allowable rental rate is the lesser of the General Prime Contractor's actual rental schedule pre-approved by DFD or a DFD-approved nationally accepted manual of equipment rental rates, lowest column price, multiplied by 0.75. The rental rate shall not exceed the usual and customary amount for such items available in the geographical area of the project. Tool and equipment use time allowed is only for the

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extra Change Order work. Rental cost is the above tool and equipment time approved by DFD multiplied by the DFD pre-approved rental rates also described above. When large tools and equipment needed for Change Order work are not already at the job site, the actual labor cost to get them there is also reimbursable;

- d. BOND COST: The cost is the actual rate paid for the performance and payment bonds;
- e. SUBCONTRACTOR COSTS: Subcontractor costs (including MEP Subcontractor and Non-MEP Subcontractor costs) are for those subcontracted specialties required to complete the Change Order work, with maximum markups as outlined hereinafter;
- f. OVERHEAD AND PROFIT ALLOWANCE: The maximum allowable markup for overhead and profit markup on Change Order proposals shall not exceed 15 percent total. The General Prime Contractor markup of change order work done by Subcontractors shall not exceed 7 ½ percent. When the value of a Change Order proposal exceeds \$30,000, a declining scale will be used to negotiate the allowable combined overhead and profit margin. Where Change Order proposals involve a credit only, a reasonable allowance for overhead and profit are properly included as part of the downward adjustment for a deductive change exceeding \$15,000. The amount of such allowance is subject to negotiation.
- g. EXCLUSIONS: All other Change Order expenses are part of the overhead and profit allowance which are not reimbursable as separate items and include the following:
 - (1) CHANGE ORDER PREPARATION: All costs associated with the processing of the Change Order are included in the overhead and profit allowance;
 - (2) DESIGN, ESTIMATING, AND SUPERVISION: All such efforts, unless specifically requested by DFD as additional Work to be documented as a Change Order proposal or portion thereof, is included in the overhead and profit allowance;
 - (3) INSTALLATION LAYOUT: The layout required for the installation of material and equipment, and installation design, is the responsibility of the General Prime Contractor and is included in the overhead and profit allowance;
 - (4) SMALL TOOLS AND SUPPLIES: The cost of small hand tools with an initial cost of \$1,000 or less, along with consumable supplies and expendable items such as drill bits, saw blades, gasoline, lubricating or cutting oil, and similar items, is included in the overhead and profit allowance;
 - (5) GENERAL EXPENSE: The general expense, which is those items that are a specific job cost not associated with direct labor and material, is included in the overhead and profit allowance;
 - (6) RECORD DRAWINGS: The preparation of record or as-built drawings required is included in the overhead and profit allowance;
 - (7) OTHER COSTS: a) All association dues, assessments, and similar items are included in the overhead and profit allowance. b) All education, training, and similar items are included in the overhead and profit allowance. c) All drafting and/or engineering, unless specifically requested by DFD as additional Work to be documented as a Change Order proposal or portion thereof, is included in the overhead and profit allowance. d) All other cost items such as, but not necessarily limited to, review, coordination, estimating, and expediting, relative to Change Order proposals, are associated with field and office supervision and are included in the overhead and profit allowance.
- 3. By segregating the cost for Work performed and monitoring such costs. These costs shall be recorded daily, reported as a part of the General Prime Contractor's daily report procedure, and certified by DFD's Project Representative. Such costs shall be limited to those identified in subparagraph 18.I.2., except that actual rather than estimated labor expended and material installed shall be used in determining the cost adjustment.
- J. The General Prime Contractor shall provide DFD with costs for all proposed Change Orders as outlined in the "Procedures for the Change Order Proposal" document, to be provided by DFD to the General Prime Contractor at the Pre-construction meeting. Typical labor rates to be used shall be provided by the General Prime Contractor to DFD no later than submittal of the first payment request.

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- K. The completion date is determined by DFD. The schedule, however, is the responsibility of the General Prime Contractor. Time extensions for extra Work will be considered when a schedule analysis shows that the Change Order places the Work beyond the completion date stated in the Notice To Proceed. Unless the cumulative time extensions for extra Work places the Work beyond the original completion time specified in the Instructions to Bidders, all extended overhead costs are included in the overhead and profit allowance. If significant scope changes occur which places the extra Work beyond the original completion time specified in the Instructions to Bidders, actual additional costs will be considered in accordance with Article 30, CLAIMS.

19. REPORTS, RECORDS AND DATA

- A. The General Prime Contractor shall submit to DFD's Project Representative daily Work activity reports for each day on which Work is performed by any employee or entity for which the General Prime Contractor is responsible. Such reports shall include all relevant data concerning the progress of Work activities the General Prime Contractor and Subcontractors are responsible for and the effect of that activity on the time of performance of the Contract or the cost thereof.
- B. Daily Work activity reports shall be completed and signed by the General Prime Contractor's Job Superintendent or other on-site representative authorized by the General Prime Contractor to make such reports, who shall be personally responsible for assuring that each such report is current, accurate and complete. The signature of the General Prime Contractor's representative shall constitute a warranty to DFD that, after suitable inquiry, to the best of their knowledge and belief, all such data is current, accurate and complete as of the date of the report.
- C. The General Prime Contractor shall submit to DFD's Project Representative schedules of quantities and costs, progress schedules, wage rates, reports, estimates, invoices, records and other data as DFD may request concerning Work performed or to be performed under this Contract if DFD determines such information is needed to substantiate Change Order proposals, claims, or to resolve disputes.

20. NOTICE REQUIREMENTS

- A. Except as otherwise expressly provided in the Contract Documents, all notices, demands and other communications that are required to be made or delivered to DFD shall be signed by or on behalf of the General Prime Contractor, and shall be deemed fully made and effective immediately upon presentation to DFD's Project Representative or the deposit thereof in the United States mail, postage prepaid and addressed to DFD's Project Representative.
- B. The General Prime Contractor's presentation to DFD's Project Representative or mailing of such Notice to DFD's Project Representative is a CONDITION PRECEDENT to any liability of DFD for any actual or alleged breach of DFD's contractual obligations hereunder. The General Prime Contractor's failure to give such written Notice in the manner and time prescribed by the Contract Documents shall result in the waiver of any and all claims, demands and causes of action that the General Prime Contractor may have against DFD arising from or in connection with the actual or alleged breach.

21. TIME FOR COMPLETION OF THE PROJECT

- A. It is hereby understood and mutually agreed, by and between the General Prime Contractor and DFD that the time for completion of the Work required by the Contract Documents is an ESSENTIAL CONDITION of this Contract.
- B. The General Prime Contractor agrees that the Work required by the Contract Documents will be prosecuted regularly and diligently at a rate of progress that will ensure its full completion within the time specified in the Contract Documents. It is expressly understood and agreed, by and between the General Prime Contractor and DFD, that the specified time period for completion of the Work described in the Contract Documents is a reasonable time for the completion of the Work, taking into consideration the average weather conditions and usual industrial conditions prevailing in the locality in which the Work is to be completed.
- C. When events occur which, in the opinion of the General Prime Contractor, prevent completion of the Project within the time period allowed by the Contract Documents, the General Prime Contractor shall request an extension of the specified time for completion. Such request shall include the reasons for delay, the amount of time extension being

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requested, and any cost(s) associated with the delay. All such requests shall be made in writing and delivered to DFD's Project Representative within ten (10) working days from the beginning of such delay, or within ten (10) working days from the time when the circumstance with potential for delay becomes reasonably known to the General Prime Contractor, whichever is earlier. DFD shall act on such requests as soon as practicable and notify the General Prime Contractor of DFD's decision.

- D. If any activity is delayed, or anticipated to be delayed, thereby delaying the completion of the entire Project, the General Prime Contractor shall have the right to take action as may be necessary to recapture any delay. Such action shall include, but not be limited to:
 - 1. Increase in staffing
 - 2. Increase in shifts, hours of Work, or number of days of Work
 - 3. Use of available float
 - 4. Changing the sequence of Work activities
- E. Costs caused by delays or improperly timed activities shall be borne by the party responsible therefor, and Change Orders, as deemed appropriate by DFD, shall be issued in accordance with Article 18 of these General Conditions.
- F. Costs for acceleration of Work activities to allow completion of the Project in less time than that allowed by the Contract Documents shall be borne by the party requesting such acceleration or early completion. No claim for delay shall be valid against DFD for compensation for delayed completion which extends completion beyond the early finish date, but which does not continue beyond the stated time for completion as set forth in the Contract.
- G. Where abnormal weather conditions may have substantially contributed to the delay of Project completion, such determination shall only be made by DFD upon written request by the General Prime Contractor, and by comparing the total season in which such weather occurs with the average of the previous five years. Where DFD determines that weather has substantially delayed Work, thereby delaying completion of the Project within the time specified in the Contract Documents, DFD shall extend the allowable time for completion an amount equal, in the opinion of DFD, to the delay caused by such weather conditions. Extension(s) in the allowable time for completion, when granted by DFD as a result of abnormal weather conditions, shall not be cause for any request for additional compensation by the General Prime Contractor.
- H. Where, under the Contract, DFD extends the amount of time specified for completion of the Project, the new time limit fixed by such extension shall be the essence of this Contract.
- I. Time extensions and associated adjustments in the Contract Documents which are implemented by, or based on Change Orders and Field Orders for which an overhead allowance would otherwise be permitted hereunder, shall not include any allowance for extended and unabsorbed overhead costs.
- J. Permitting the Work or any part of it to continue after the time fixed for its completion, or after the date to which the time for completion may have been extended, shall in no way operate as a waiver on the part of DFD, of any of DFD's rights under the Contract or a waiver of any default by the General Prime Contractor.
- K. If the General Prime Contractor fails to complete the Work within the time specified in the Contract and such failure is due to reasons which were not beyond the reasonable control of the General Prime Contractor or if the General Prime Contractor fails to complete the Work within the time specified in the Contract and fails to make the written request as provided for in Paragraph 21(C), then in any such event the General Prime Contractor shall pay to DFD actual damages. When such damages can be reasonably predetermined, the amount will be indicated in the Supplementary General Conditions.
- L. If DFD terminates the Contract, or suspends or stops Work in accordance with Paragraphs 28.B. or 29.A. due to the fault of the General Prime Contractor, the damages described in Paragraph 22.M shall be assessed for each day (or any part thereof) such Work is stopped on the Project. If DFD does not elect to terminate the Contract or to suspend or stop the Work, the damages shall be assessed for each day of delay in Substantial Completion.

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- M. Nothing contained herein shall be construed as limiting the right of the State to recover actual damages sustained as a result of any delay by the General Prime Contractor which exceed the amounts specified in the Supplementary General Conditions.
- N. DFD may, at its discretion, waive damages due the State, or any portion thereof.

22. USE AND POSSESSION PRIOR TO COMPLETION

- A. DFD shall have the right to authorize possession or use of any completed or partially completed part of the Work. Before the State takes possession or uses any part of the Project:
 - 1. DFD and the General Prime Contractor shall prepare a list of items of Work remaining to be performed or corrected on those portions of the Project that the State intends to take possession of or use;
 - 2. Failure to include on this list any item of Work clearly required to be performed by the General Prime Contractor shall not relieve the General Prime Contractor of responsibility for complying with the terms of the Contract;
 - 3. The State's possession or use shall not be deemed an acceptance of any Work under the Contract Documents.
- B. While the State has such possession or use, the General Prime Contractor shall be relieved of the responsibility for loss or damage to the Work resulting from the State's possession or use.

23. SUBSTANTIAL COMPLETION

- A. Prior to the General Prime Contractor's request for final inspection by DFD, the General Prime Contractor shall conduct an inspection to determine if building systems are functional, Work activities complete, and the Work product is in strict accordance with the requirements of the Contract Documents. If, in the course of this inspection, items are identified which are in need of repair, replacement, correction, or completion, the General Prime Contractor shall make every attempt to complete or correct those items prior to any request for DFD inspection of the Work or Certification of Substantial Completion.
- B. When the General Prime Contractor considers that the Work, or a designated portion thereof, is Substantially Complete, the General Prime Contractor shall provide written Notice and Request for Inspection to DFD. Such Notice shall include a list of all known incomplete and non-conforming work along with a schedule for completing each item as appropriate. Upon the receipt of the General Prime Contractor's Notice, DFD will make an inspection to determine whether the Work or designated portion thereof is Substantially Complete. If, during such inspection, DFD identifies items not complete, in need of correction, replacement, or otherwise not in accordance with the requirements of the Contract Documents, the General Prime Contractor shall complete or correct such items. After completion of such punch list items, the General Prime Contractor may request subsequent inspection by DFD.
- C. When in the judgment of DFD the Work, or designated portion thereof is Substantially Complete, DFD will prepare a Certificate of Substantial Completion, establishing the responsibilities of the State and General Prime Contractor for security, maintenance, heat, utilities, damage to the Work, and insurance.
- D. Where items have been identified which are not complete or are in need of correction DFD may, at its sole discretion declare the Work, or designated portion thereof Substantially Complete, noting such deficiencies. In such case, the Certificate of Substantial Completion shall fix the time within which the General Prime Contractor shall finish all items not completed or corrected.
- E. At the time DFD declares the Work or designated portion thereof Substantially Complete, the General Prime Contractor may request payment, reflecting adjustment in retainage, if any, for such Work or portion thereof as provided in the Contract Documents.

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24. FINAL COMPLETION AND FINAL PAYMENT

- A. Prior to Request for Final Payment, the General Prime Contractor shall provide a Certification that all debts and claims against this Project have either been paid in full or otherwise satisfied and give final evidence of release of all liens against the Project, the State, and all proceeds payable hereunder. The General Prime Contractor shall certify upon such payment request that the data contained therein is current, accurate, and complete. General Prime Contractor shall permit, if requested by DFD, the final inspection to be jointly conducted by the General Prime Contractor and DFD's Project Representative. The General Prime Contractor shall give Notice at least 72 hours in advance of the time set for final inspection.
- B. Upon completion of the project and before receiving final payment for work on the project, the General Prime Contractor shall file with DFD an affidavit stating that the General Prime Contractor has complied fully with Section 103.49(4r) Wis. Stat. and that the General Prime Contractor has received an affidavit from each of the General Prime Contractor's agents, MEP Subcontractors, and Non-MEP Subcontractors stating that they also have complied fully with Wis. Stat. § 103.49(4r).
- C. As a CONDITION PRECEDENT to Final Payment, all corrective action to remedy deficiencies in the Work required by Contract Documents and Work identified on the punch list must have been completed. In addition, where required by Contract Documents, all training of the user agency's staff in the proper operation and maintenance of the Work shall have been completed, Operating and Maintenance Manuals and Instructions as well as drawings marked up to reflect "as built" conditions must have been transmitted to DFD's Project Representative, and all Warranty certificates signed and presented for DFD acceptance.
- D. When to the satisfaction of DFD the Work has been completed, and is of the quality required by the Contract Documents, DFD may authorize payment of all sums then due the General Prime Contractor. Receipt of the final payment, as provided for herein shall constitute a waiver of any and all claims against the State arising out of, under, or incident to the Work performed under the Contract.
- E. If the General Prime Contractor fails to submit a Request for Final Payment or make satisfactory arrangements with DFD within thirty (30) calendar days of notification, no further payments will be made and the Contract will be closed. The last Request for Certification for Payment will be considered the Final Payment under the terms and conditions of the Contract.
- F. The authorizing of Final Payment by DFD shall constitute the final acceptance of the Work but shall not constitute a waiver of any claims by DFD including, but not limited to the following:
 - 1. Outstanding lien claims or claims for liens;
 - 2. Defective Work which was specifically identified before the making of final payment;
 - 3. Defects which result from the General Prime Contractor's failure to perform the Work in strict accordance with the Contract Documents;
 - 4. Any warranty or guarantee required by the Contract Documents;
 - 5. Any other right surviving the State as to which the General Prime Contractor was specifically given notice before or during the final inspection and final payment process;
 - 6. Rights surviving to the State as a matter of law.

25. WARRANTIES

- A. The General Prime Contractor Warrants to DFD that all materials and supplies used in the Work are free from all liens, claims, or encumbrances, and good title to materials and supplies is retained by the General Prime Contractor and shall be conveyed to DFD on or before the date of Substantial Completion.

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- B. The General Prime Contractor Warrants to DFD that all materials and equipment furnished under the Contract will be of good quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects not inherent in the quality required or permitted, and that the Work will strictly conform with the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective.
- C. Printed, signed copies of Manufacturer's warranties, which are required by the Contract Documents, shall be presented to DFD prior to approval of final payment.
- D. All warranties, including manufacturer's warranties and General Prime Contractor warranties, shall take effect on the date of Substantial Completion and shall remain in effect for a period of one (1) year thereafter, unless Contract Documents specifically require a different warranty period.
- E. If any part of the Work is declared Substantially Complete by DFD, and the user agency takes possession of that portion of the Work before completion of the entire Project, the warranty for that portion of the Work shall continue for a period of one (1) year from the date of Substantial Completion for that portion of the Work, unless Contract Documents specifically require a different warranty period.
- F. The General Prime Contractor shall remedy, at the General Prime Contractor's expense, any defect in the Work. In addition, the General Prime Contractor shall remedy, at the General Prime Contractor's expense, any damage to State owned or controlled real or personal property, when the damage is the result of:
 - 1. The General Prime Contractor's failure to conform to Contract Document requirements; or
 - 2. Any defect in equipment, material, Workmanship, or design furnished by the General Prime Contractor or Subcontractors regardless of tier.
- G. The General Prime Contractor shall warrant any Work restored or replaced due to damage caused in fulfilling the terms and conditions of this Article 25, or during performance of any Work required by the Contract Documents. The General Prime Contractor's warranty with respect to Work repaired or replaced will run for one (1) year from the date of Substantial Completion of said repair or replacement.
- H. DFD shall notify the General Prime Contractor, in writing, within a reasonable time after discovery of any failure, defect, or damage.
- I. If, after the receipt of Notice of a claim under this warranty, the General Prime Contractor fails to remedy any failure, defect, or damage within a time judged reasonable by DFD, DFD shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage, at the General Prime Contractor's expense.
- J. All warranties under this Contract or in any related to this contract, express or implied, shall be obtained for and shall be subject to direct enforcement by DFD. The General Prime Contractor shall provide in each subcontract, or other purchase agreement, for the assignment to DFD of all such warranties and for the right of enforcement by DFD. In addition, if necessary the General Prime Contractor shall:
 - 1. Obtain for the State's benefit all warranties that would be given in normal commercial practice;
 - 2. Require all warranties to be executed, in writing, for the benefit of the State, if so directed by DFD;
 - 3. Enforce all warranties for the benefit of the State, if directed to do so by DFD;
 - 4. Obtain for the State's benefit all warranties given by any Subcontractor, at any tier, if such warranty is in excess of the one (1) year warranty period set forth herein.
- K. Unless a defect is caused by the negligence of the General Prime Contractor or Subcontractors at any tier, the General Prime Contractor shall not be liable for the repair of any defects of material or design furnished by the State.
- L. This warranty shall not limit the State's rights under Articles entitled:

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1. Article 15 - "QUALITY CONTROL & INSPECTION"
 2. Article 26 - "PAYMENTS TO GENERAL PRIME CONTRACTOR"
 3. Article 27 - "PAYMENTS BY GENERAL PRIME CONTRACTOR"
- M. Defects in design or manufacture of equipment specified by DFD on a "Brand Name" basis shall not be included in this warranty. In this event, the General Prime Contractor shall require any Subcontractor manufacturers, or suppliers to execute their warranties, in writing, directly to DFD.

26. PAYMENTS TO GENERAL PRIME CONTRACTOR

- A. Payments to the General Prime Contractor under the Contract Documents will be made as provided for in Wis. Stat. § 16.855(19)(a), as the Work progresses on this Project. Payment requests will be processed monthly, except for special circumstances approved by DFD. The General Prime Contractor must perform all of the conditions required for payment and must have met the obligations which are necessary to qualify for any partial payments.
1. No General Prime Contractor whose Work is deficient or whose Work fails to conform to the quality standards set forth in the Contract Documents shall be entitled to interim, progress or partial payments;
 2. As a CONDITION PRECEDENT to entitlement to payment, the General Prime Contractor shall, at the request of DFD, submit satisfactory evidence to establish that the sum set forth in any application for payment represents the "Proportionate Value" of Work completed;
 3. The General Prime Contractor shall certify each request for payment as being a true, accurate, and complete statement of account as of the date on which the certificate was made, and that the stated sums are then earned and payable to the General Prime Contractor;
 4. The General Prime Contractor shall certify that it holds clear title to all property of every description which serves as the basis for the application for payment. General Prime Contractor warrants that title to any such property is being transferred to the State free and clear of all liens. If requested by DFD, the General Prime Contractor shall produce satisfactory evidence of transfer of title from suppliers and Subcontractors, including MEP Subcontractors or Non-MEP Subcontractors, to the General Prime Contractor, without reservation, or with adequate waiver of lien. These payments may include any fabricated or manufactured materials and components specified, previously paid for by General Prime Contractor and delivered to the site, properly stored, and suitable for incorporation into the Work embraced in the Contract;
 5. All material and Work, title to which has been transferred to the State as a result of the making of a partial payment, shall become the sole property of the State. Nothing in this Article shall be construed as relieving the General Prime Contractor from the risk of loss or damage to any such property. The General Prime Contractor shall have the sole responsibility for obtaining proper insurance on, as well as the responsibility for the care and protection of materials and Work upon which payments have been made. The General Prime Contractor shall be responsible for the restoration of any damaged Work. Nothing herein shall operate as a waiver of the rights of DFD to require fulfillment of all of the terms of the Contract.
 6. As soon as possible after the notice to proceed is received, the General Prime Contractor shall submit to DFD's Project Representative a cost breakdown of the proposed values for work to be performed, as prescribed by the Contract Documents and in the detail requested by DFD. The cost breakdown items shall reflect actual work progress stages as closely as feasible which, if approved by DFD, will become the basis for construction progress payments.
- B. All requests for payment shall be submitted to DFD's Project Representative. To expedite payment of sums due under the Contract, the General Prime Contractor and DFD's Project Representative shall, where possible, jointly review any such request for payment at the site, inspecting the Work, if necessary to determine the validity of the request or modifications to the request which are necessary to accurately represent the value of Work completed in accordance with the Contract Documents.

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- C. The General Prime Contractor shall furnish any and all accounting records requested by DFD to validate all or any part of any request for payment. The General Prime Contractor shall maintain these accounting records for a period of three (3) years from the date DFD authorizes final payment.
- D. For the purposes of this Article 26, requests for payment may include any fabricated or manufactured materials or components specified, previously paid for by the General Prime Contractor and delivered to the Work site, or properly stored and suitable for incorporation in the Work embraced in the Contract Documents. The General Prime Contractor shall identify the method of storage for such materials and shall complete an "Off-site Storage Agreement" form which is available from DFD. Proper evidence of insurance shall be presented to protect the interest of the State. If payment is intended to be requested for any off-site storage items, such items shall be listed as separate lines in the request and certification for payment, cost breakdown.
- E. If separate prices are set forth in the Contract Documents for identifiable items of Work, payment for such prices shall be made at the time of completion of those items of Work. Payment under this Paragraph (E) shall be an interim payment until the time of Final Payment and acceptance of the Work by DFD.
- F. As the work progresses under the general prime contract for construction of a project the department, from time to time, shall grant to the General Prime Contractor an estimate of the amount and proportionate value of the work properly completed, which shall entitle the contractor to receive the amount, less the retainage, from the proper fund. The retainage shall be an amount equal to not more than 5% of the estimate until 50% of the work has been completed. At 50% completion, no additional amounts shall be retained, and partial payments shall be made in full to the contractor unless the department certifies that the job is not proceeding satisfactorily. At 50% completion or any time thereafter when the progress of the work is not satisfactory, additional amounts may be retained but in no event shall the total retainage be more than 10% of the value of the work completed. Upon substantial completion of the work, any amount retained shall be paid to the General Prime Contractor, less the value of any required corrective work or uncompleted work. For the purposes of this section, estimates may include any fabricated or manufactured materials and components specified, previously paid for by General Prime Contractor and delivered to the work or properly stored and suitable for incorporation in the work embraced in the contract.

Nothing herein shall preclude DFD from deducting from any request for payment such amounts as will properly represent the value of Work which fails to meet the quality standards of the Contract Documents or which the General Prime Contractor fails to complete.

- G. In the event DFD receives Notice from any person, Subcontractor, or other third party, that the Contractor has failed to pay such person(s) for Work performed in accordance with the Contract Documents, the Contractor shall, at the request of DFD, and in no more than 10 calendar days, provide all documentation DFD believes necessary to determine whether such payment is due, or reasons for non-payment of disputed amounts. In the event DFD determines the claim to be valid and payment is due, or in the absence of aforementioned documentation, DFD may authorize direct payment of any unpaid bills, withholding from the General Prime Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such claims until satisfactory documentation is furnished that all liabilities have been fully discharged or reasons for non-payment of disputed amounts are provided by the General Prime Contractor. In no event shall these provisions be construed to impose any obligations upon the State to either the General Prime Contractor or the General Prime Contractor's Surety.
- H. In paying any unpaid bills of the General Prime Contractor relating to the Work, the State shall be deemed the agent of the General Prime Contractor, and any payment so made by the State shall be considered as a payment made under the Contract by the State to the General Prime Contractor for its account and the State shall not be liable to the General Prime Contractor for any such payment made in good faith.
- I. The General Prime Contractor agrees to indemnify and hold the State harmless from all claims growing out of lawful demands of Subcontractors (including MEP Subcontractors and Non-MEP Subcontractors), laborers, Workers, mechanics, material persons, and furnishers of machinery and parts thereof, equipment, power tools, and all supplies, including commissary, incurred in the performance the Work required by Contract Documents.
- J. The General Prime Contractor shall, at DFD's request, furnish satisfactory evidence that all obligations of the nature designated above have been paid, discharged, or waived.

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27. PAYMENTS BY GENERAL PRIME CONTRACTOR

- A. Please see Article 12 for specific information regarding Prompt Payment from General Prime Contractors to MEP Subcontractors and the specific Prompt Payment clause that must be inserted into the contract between General Prime Contractors and MEP Subcontractors.
- B. Not more than seven (7) calendar days following the receipt of each Payment authorized by DFD, the General Prime Contractor shall make payment to each and every person, Subcontractors, (including MEP Subcontractors, and Non-MEP Subcontractors), or entity who furnished goods or services for the progress of the Work on the Project, the value of which goods or services were included in the General Prime Contractor's "Request and Certification for Payment" under Article 26 of the General Conditions, or who by law or Contract payment is due upon the receipt of the payment most recently received from the State. The General Prime Contractor shall insert a provision in all subcontracts requiring payment in the manner herein specified. The General Prime Contractor shall also require Subcontractors to include a like provision in all contracts with their subcontractors or suppliers, regardless of tier.
- C. Upon request of DFD, satisfactory evidence of payment under this Article 27 shall be furnished to DFD forthwith.
- D. Please see Article 12 for specific information regarding retainage on contracts between General Prime Contractors and MEP Subcontractors. In short, retainage on an MEP Subcontract shall occur and be in amounts and on a schedule equal to the retainage schedule in the contract between the General Prime contractor and the State.
- E. Nothing herein shall preclude the General Prime Contractor from deducting from any request for payment such amounts as will properly represent the value of Work which fails to meet the quality standards of the Contract Documents or which the MEP Subcontractor fails to complete.

28. DFD'S RIGHT TO SUSPEND, CORRECT, OR COMPLETE WORK

- A. DFD may order the General Prime Contractor, in writing, to suspend or delay all or any part of the Work of the General Prime Contractor for the period of time that DFD determines appropriate for the convenience of the State.
 - 1. If the General Prime Contractor determines that the cost of the Work is altered by such suspension, or the time for completion of such Work is altered or delayed, the General Prime Contractor shall provide Notice to DFD of any such costs or delay;
 - 2. Such Notice shall be made within ten (10) calendar days of the order to stop or suspend Work;
 - 3. Provision of such Notice to DFD shall be a CONDITION PRECEDENT to any State liability for increased costs, delay, or time extension.
- B. In the event that any of the Work in progress, or Work already completed by the General Prime Contractor, Subcontractors, including MEP Subcontractors, or Non-MEP Subcontractors, is determined by DFD to be of substandard quality, defective, or otherwise in violation of requirements of the Contract Documents, or in the event that the General Prime Contractor fails or refuses to complete Work required by the Contract Documents, DFD may serve written Notice upon the General Prime Contractor requiring that corrective action be taken by the General Prime Contractor to remedy, correct, complete, or replace such Work.
 - 1. The General Prime Contractor shall have ten (10) calendar days after the serving of such Notice within which to take corrective action or to make arrangements judged satisfactory by DFD for the corrections to be made. The Contract shall terminate in accordance with the provisions of Paragraph 29.A. of the General Conditions if corrective action is not taken or other arrangements, judged satisfactory by DFD, are not made by the General Prime Contractor;
 - 2. If the General Prime Contractor fails within the ten (10) calendar day period after receipt of written Notice to commence and continue correction of such default or neglect with diligence and promptness, DFD may order the General Prime Contractor to stop the Work or any portion thereof until the cause for such order has been

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eliminated. DFD may then, without prejudice to other remedies DFD may have, correct such deficiencies through whatever means necessary;

3. The cost of any corrective action, replacement, or repair shall be chargeable to the General Prime Contractor and its Surety. In such cases DFD may deduct from payments then or thereafter due the General Prime Contractor the cost of correcting such deficiencies, compensation for the State's additional services, and expenses made necessary by such default, neglect, or failure. Such action by the State shall not prevent the State from recovery of other damages or penalties sustained as a result of the General Prime Contractor's default or neglect. If payments then or thereafter due the General Prime Contractor are not sufficient to cover such amounts, the General Prime Contractor and its Surety shall pay the difference to the State;
 4. If, after suspension of the Work, it is determined that the General Prime Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the termination had been issued for the convenience of the State under Paragraph 29.B.
- C. The right of DFD to stop or suspend the Work shall not give rise to a duty on the part of DFD to exercise this right for the benefit of the General Prime Contractor or any other person or entity.
- D. DFD may exercise any and all rights or remedies provided for herein, by law or in equity, either concurrently or singly in its sole discretion.

29. DFD'S RIGHT TO TERMINATE CONTRACT

- A. In the event that any of the provisions of this Contract, including time for completion, are violated by the General Prime Contractor, DFD may serve written Notice upon the General Prime Contractor and the Surety of its intention to terminate this Contract, including the reasons for such intention to terminate. The General Prime Contractor shall have ten (10) calendar days after the serving of such Notice within which to cease the default or violation, to take corrective action, or to make arrangements judged satisfactory by DFD for the corrections to be made. Contract shall terminate upon expiration of the said ten (10) calendar day period if corrective action is not taken by the General Prime Contractor.
1. In the event of termination of the Contract, DFD shall immediately serve Notice thereof upon the Surety and the General Prime Contractor, and the Surety shall have the right to take over and perform the Contract subject to DFD's approval;
 2. The Surety shall take over and perform the Contract without need for further agreement with DFD. All Subcontractors shall be subject to approval of DFD in accordance with Article 11. DFD will not consider a General Prime Contractor or a subsidiary of a General Prime Contractor whose contract was terminated as a qualified, responsible Subcontractor.
 3. Within ten (10) calendar days after the serving of such Notice of termination, the Surety shall provide DFD with a comprehensive plan for completion of the Work required by the Contract Documents. Such plan must include performance of the Work within a time period acceptable to DFD. In the absence of such a plan, DFD may take possession of materials, appliances, and facilities as may be on the site of the Work, and complete the Work by whatever means necessary;
 4. All costs for completion of the Work and any additional damages sustained by the State thereby shall be at the expense of the General Prime Contractor and its Surety.
- B. Notwithstanding any contrary provision of the Contract or these General Conditions, DFD shall also have the right, exercisable by it in its sole discretion, to terminate this Contract at any time without cause following the expiration of thirty (30) calendar days after written Notice to the General Prime Contractor. In such event, the General Prime Contractor shall be paid for all Work performed to the effective date of termination, and any "Reimbursable Expenses" outstanding as of the date of termination. The term "Reimbursable Expenses" shall include the cost of personal property or materials which meet requirements of the Contract Documents and have been purchased by the General Prime Contractor for incorporation into the Work but not yet incorporated therein; lease payments due to an unaffiliated third party lessor for equipment provided to the Project, where the lease term extends beyond the

GENERAL CONDITIONS OF THE GENERAL PRIME CONTRACTOR CONTRACT

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termination date of this Contract and the General Prime Contractor is unable to terminate said lease; and other costs approved by DFD. Reimbursable Expenses do not include lost profits or payments due to Subcontractors, including MEP Subcontractors or Non-MEP Subcontractors for any period of time subsequent to termination of the Contract. Upon payment of the Reimbursable Expenses, the General Prime Contractor shall deliver to the State any materials or personal property for which said payment has been made.

- C. The right of DFD to terminate the Contract shall not give rise to a duty on the part of DFD to exercise this right for the benefit of the General Prime Contractor or any other person or entity.
- D. DFD may exercise any and all rights or remedies provided for herein, by law or in equity, either concurrently or singly in its sole discretion.

30. CLAIMS

- A. The General Prime Contractor shall be barred from asserting or pursuing any claims, demands, and causes of action against the State unless the General Prime Contractor complies with the following requirements:
 - 1. First, the General Prime Contractor shall present its claim to DFD's Project Representative who shall have twenty-one (21) calendar days after presentation of the claim to act thereon or notify the General Prime Contractor in writing of the additional time required for such action if greater than the aforementioned twenty-one (21) day period. Failure by DFD's Project Representative to so act within the aforesaid period of time shall constitute a rejection of the General Prime Contractor's claim;
 - 2. If the General Prime Contractor's claim is rejected by DFD's Project Representative, the General Prime Contractor may appeal it in writing to the Administrator of Division of Facilities Development. Any such appeal shall be made within twenty-one (21) calendar days after it is rejected by DFD's Project Representative. If no such appeal is made, the decision of DFD's Project Representative shall become final and binding and the General Prime Contractor shall waive its right to pursue the claim further;
 - 3. If the General Prime Contractor files a timely appeal of the decision of DFD's Project Representative, the Administrator of the Division of Facilities Development shall act on the General Prime Contractor's claim within fourteen (14) calendar days or notify the General Prime Contractor in writing, of the time required for such action if greater than the aforementioned fourteen (14) day period. Failure by the Administrator of the Division of Facilities Development to so act within the aforesaid period of time shall constitute a rejection of the claim;
 - 4. If the General Prime Contractor's claim is rejected by the Administrator of the Division of Facilities Development, the General Prime Contractor shall, as a CONDITION PRECEDENT to filing suit against the State, comply with the two-step claims resolution procedure set forth in Wis. Stat. §§ 16.007, 775.01.
- B. Any judicial action relating to the construction, interpretation, or enforcement of the Contract Documents including without limitation, the General Prime Contractor's claims, demands, and causes of action for additional construction costs, delay damages, and other amounts owed hereunder, shall be brought and venued in the Dane County Circuit Court in Madison, Wisconsin. The General Prime Contractor hereby consents to personal jurisdiction in that venue, and waives any defenses that the General Prime Contractor otherwise might have relating thereto.
- C. The General Prime Contractor hereby waives its right to a jury trial in connection with any judicial action or proceeding that may arise by and between the State and the General Prime Contractor concerning the construction, interpretation, or enforcement of the Contract Documents including, without limitation, any claims, demands, or causes of action that the General Prime Contractor hereafter may assert against the State for additional construction costs, delay damages, and other amounts.
- D. The General Prime Contractor shall proceed diligently with the performance of the Work, as directed by DFD, pending the final decision of DFD's Project Representative, the Administrator of the Division of Facilities Development, the State Claims Board, the Legislature, and any subsequent judicial action or appeal.

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- E. It is recognized by DFD and General Prime Contractor that performance of DFD's duties may require or cause the interruption or suspension of the Work for periods other than the reasonable time allowed under Article 28. In the event of such interruption or suspension, DFD and the General Prime Contractor shall negotiate in good faith in an effort to agree upon the additional construction costs and other amounts, if any, that shall be paid the General Prime Contractor because of the interruption or suspension of Work. Anything in the Contract Documents to the contrary notwithstanding, however, it is expressly understood and agreed that:
1. The total amount recoverable by and payable to the General Prime Contractor shall be limited to an amount equal to the sum of:
 - a. The additional construction costs and other amounts actually incurred by the General Prime Contractor because of DFD's actions and omissions; plus
 - b. A maximum overhead and profit allowance equal to fifteen (15) percent of the sum of additional construction costs and other amounts.
 2. Overhead costs for extended or unabsorbed overhead shall not be used as the basis for calculating or determining the amount of any additional construction costs or other amounts recoverable by or payable to the General Prime Contractor; and
 3. By entering into this Contract with DFD, the General Prime Contractor hereby waives any rights that it otherwise might have to pursue recovery of overhead costs for extended or unabsorbed overhead from DFD.
- F. DFD and the General Prime Contractor shall act in good faith to efficiently and fairly resolve claims and disputes arising under the Contract in order to avoid wherever possible, formal legal proceedings.

31. INSURANCE

- A. The General Prime Contractor shall not commence Work under this Contract until the General Prime Contractor has obtained all the insurance required under this Paragraph 31.A. Such insurance must be approved by DFD. The company providing the insurance must be lawfully authorized to do business in Wisconsin and/or be approved by DFD with a minimum A.M. Best rating of (A-). The General Prime Contractor shall provide the following insurance:
1. Worker's Compensation Insurance:
 - a. The General Prime Contractor shall procure and maintain during the life of this Contract, and shall require all Subcontractors, including MEP Subcontractors and Non-MEP Subcontractors, to maintain, Worker's Compensation Insurance as required by State of Wisconsin Statutes and any applicable Federal Act coverage such as the Longshoremen's and Harbor Workers Act, the Jones Act or the Admiralty Act for all employees engaged in Work associated with the Project under this Contract. Minimum coverage is listed in paragraph 31.A.5.
 - b. The General Prime Contractor shall procure and maintain during the life of this Contract, and shall require all Subcontractors, including MEP Subcontractors and Non-MEP Subcontractors, to maintain, Employer's Liability Insurance. Minimum coverage is listed in paragraph 31.A.5.
 2. Commercial General Liability Insurance and Excess Liability-Umbrella:
 - a. The General Prime Contractor shall maintain during the life of this Contract, and until two years after completion of this Contract, Commercial General Liability Insurance, including Products and Completed Operations for all claims that might occur in carrying out the Contract. Minimum coverage is listed in paragraph 31.A.5. Such coverage shall be of the "occurrence" type form.
 - b. The General Prime Contractor's Commercial General Liability and Umbrella Insurance shall apply to the provisions of indemnity obligations under Section 37 of these General Conditions.

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- c. Such Commercial General Liability coverage shall include employees of the General Prime Contractor as insureds.
 - d. The General Prime Contractor shall require Subcontractors to procure and maintain Commercial General Liability Insurance and Excess Liability equal to that required in subparagraph 31.A.2.a. The General Prime Contractor shall require each MEP Subcontractor to procure and maintain Commercial General Liability and Umbrella Insurance equal to that required in subparagraph 31.A.2.a. However, the General Prime Contractor may insure the activities of the Non-MEP Subcontractor(s) in the General Prime Contractor's policy. The General Prime Contractor's policy shall include coverage for Independent Contractors.
3. Auto Liability Insurance:
- a. The General Prime Contractor shall procure and shall maintain during the life of the Contract Commercial Automobile Liability Insurance for all owned, non-owned, and hired vehicles that are used in carrying out the Contract. Minimum coverage is listed in paragraph 31.A.5.
 - b. The General Prime Contractor shall require each Subcontractor, including MEP Subcontractors and Non-MEP Subcontractors, to procure and maintain Commercial Auto Liability Insurance equal to that required in paragraph 31.A.3.a of the General Conditions.
4. The minimum required limits do not represent the coverage and limits necessary to protect the General Prime Contractor. The limits should not be construed in any way to limit the General Prime Contractor's liability to the State.
5. Minimum Limits Required:
- | TYPE | Limits |
|------------------------------|---|
| Commercial General Liability | \$1,000,000 General Aggregate (applies per project)
\$1,000,000 Products Aggregate
\$1,000,000 Personal Injury
\$1,000,000 Each Occurrence
\$50,000 Fire Damage
\$5,000 Medical Expense Per Person |
| Automobile Liability | \$1,000,000 Combined Single Limit |
| Excess Liability Umbrella | \$5,000,000 Each Occurrence
\$5,000,000 Aggregate |
- Worker's Compensation/Employers Liability Insurance
1. State: Statutory to all states the work is being performed;
 2. Federal: As Applicable;
 3. All Employees, partners, individuals, any managers on project site must be included for coverage.
6. The Commercial General Liability and Umbrella policies described in paragraph 31.A.2. of the General Conditions shall include the State as an Additional Insured as respects the activities carried out under this Contract. Additional coverage on the General Prime Contractor's Umbrella policy can be used to make up the required limits.
7. Proof of Insurance: The General Prime Contractor shall provide a certificate of insurance to DFD from a company lawfully authorized to do business in the State of Wisconsin indicating coverage is in place at the limits set forth in this Article. The insurer shall give DFD thirty (30) day notice of cancellation or changes in coverage. The insurance certificate shall be provided before commencement of the Contract. If the General Prime Contractor is self-insured, audited financial records will need to be provided that clearly demonstrate the

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financial ability to cover losses up to the limits of insurance required. The General Prime Contractor shall also be required to disclose deductibles or Self-Insured Retention's (SIR).

8. Commercial General Liability and Auto Liability carried under Article 31 shall contain a provision making it primary and non-contributory to any other coverage available to the State.
- B. The State shall purchase and maintain, in a company or companies lawfully authorized to do business in the State of Wisconsin, Builder's Risk insurance in the amount of, at least, the initial Contract sum as well as subsequent modifications thereto for the entire Work at the site on a replacement cost basis.
1. Property Insurance shall include insurance for physical loss or damage to the Work, temporary buildings, and equipment or material consumed in the construction of the Work.
 2. Off-Site and Transit Coverage: Upon the request of the General Prime Contractor and written approval of DFD, the Property Insurance policy, subject to policy terms, definitions, and conditions, will provide a \$250,000 limit for materials and/or Work stored off the site or in transit. It is the General Prime Contractor's responsibility to insure materials and/or Work in excess of this amount. The State will not be responsible for materials or completed Work under the care, custody, and control of the manufacturer prior to delivery;
 3. Deductible: The property insurance shall be written with a deductible sum of no more than \$10,000 for each occurrence. If the Contract value is less than \$1,000,000 and the loss is attributable to the General Prime Contractor, a Subcontractor, including MEP Subcontractor or Non-MEP Subcontractor, a \$5,000 deductible per occurrence will apply. The risk of loss within the deductible amount will be borne by the General Prime Contractor;
 4. Loss of Use Insurance: The State, at DFD's option, may maintain such property insurance as will insure the State against loss of use of the State's property due to fire or other hazards, however caused. Except as set forth in section C.2. below, DFD waives all rights of action against the General Prime Contractor for loss of use of the State's property, including consequential losses due to fire or other hazards covered by the Property Insurance described in subparagraph 31.B.1
 5. Policy Review: A copy of the property insurance policy or policies may be obtained pursuant to the Public Records and Property Provisions of the Wisconsin State Statutes.
- C.
1. The State and General Prime Contractor waive all rights against each other and shall require its insurers to waive any rights of subrogation or recovery, for damages caused by fire or other perils to the extent covered by property insurance obtained pursuant to this Article 31 or other property insurance applicable to the Work. The policies shall provide such waivers of subrogation by endorsement or otherwise, except as set forth in C.2. below. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise; did not pay the insurance premium directly or indirectly; and whether or not the person or entity had an insurable interest in the property damaged. This waiver shall be effective only to the extent any policy of insurance is not impaired thereby. This contract provision shall be incorporated into the contracts between the General Prime Contractor, MEP Subcontractors, and Non-MEP Subcontractors.
 2. DFD retains the right to subrogate against General Prime Contractor, Subcontractors including MEP Subcontractor and Non-MEP Subcontractor(s), up to \$1,000,000 per occurrence, for damage to property, including loss of use thereof, provided said property damage is to work performed by other parties and provided said General Prime Contractor's, Subcontractors' including MEP Subcontractors', and Non-MEP Subcontractors', negligence contributed in any way to said damage. This contract provision shall be incorporated into the contracts between the General Prime Contractor and Subcontractors, including MEP Subcontractors, and Non-MEP Subcontractors.

32. NONDISCRIMINATION/AFFIRMATIVE ACTION

- A. In connection with the performance of Work under this Contract, the General Prime Contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex,

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physical condition, developmental disability as defined in Wis. Stat. §51.01(5), sexual orientation, national origin, or any other basis prohibited by law. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training. Except with respect to sexual orientation, the General Prime Contractor further agrees to take affirmative action to ensure equal employment opportunities. This contract provision shall be incorporated into the contracts between the General Prime Contractor, MEP Subcontractors, and Non-MEP Subcontractors.

- B. Contracts with a value of thirty thousand dollars (\$50,000) or more require the General Prime Contractor to submit a written affirmative action plan acceptable under Wisconsin Statutes and Administrative Code. An exemption occurs from this requirement if the General Prime Contractor has a Work force of less than thirty (50) employees. The General Prime Contractor is responsible for obtaining affirmative action compliance from MEP Subcontractors and Non-MEP Subcontractors. Instructions on satisfying these requirements will be sent with the Notice to Proceed. Technical assistance regarding this Article 32 is available from the Wisconsin Office of Contract Compliance, telephone (608) 266-5462.
- C. The General Prime Contractor should establish and take appropriate initiatives to reach goals and timetables for minority and female utilization which shall be based on appropriate work force, demographic, or other relevant data which shall cover construction projects or construction contracts performed in specific geographical areas. The goals shall be applicable to the General Prime Contractor's, MEP Subcontractor's, or Non-MEP Subcontractor's entire work force which is working in the area covered by the goals. The goals are established and are as follows:

County	Women Goal	Minority Goal
Adams/Juneau/Monroe/Vernon	12%	2%
Ashland/Bayfield/Douglas/Price	9%	6%
Barron/Sawyer/Washburn	13%	4%
Brown	11%	9%
Buffalo/Jackson/Pepin/Trempealeau	12%	5%
Burnett/Polk	11%	2%
Calumet/Winnebago	11%	3%
Chippewa/Rusk	12%	2%
Clark/Taylor	16%	2%
Columbia	12%	2%
Crawford/Grant/Richland	14%	2%
Dane	9%	9%
Dodge	12%	3%
Door/Kewaunee/Manitowoc	13%	3%
Dunn/Eau Claire	11%	3%
Florence/Forest/Marinette/Oconto	13%	2%
Fond du Lac	11%	4%
Green/Iowa/LaFayette	13%	1%
Green Lake/Marquette/Waushara	10%	4%
Iron/Oneida/Vilas	9%	3%
Jefferson	12%	4%
Kenosha	7%	10%
La Crosse	10%	4%
Langlade/Lincoln/Menominee/Shawano	11%	7%
Marathon	12%	4%
Milwaukee	10%	29%
Outagamie	10%	5%
Ozaukee	8%	3%
Pierce/St Croix	12%	2%
Portage	13%	3%
Racine	8%	13%

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Rock	11%	7%
Sauk	10%	2%
Sheboygan	14%	5%
Walworth	10%	8%
Washington	9%	3%
Waukesha	7%	4%
Waupaca	11%	2%
Wood	12%	2%
Source: Combined Occupation Distribution: 2000 Census		

- D. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom a General Prime Contractor has a collective bargaining agreement, to refer to either minorities or women shall excuse the General Prime Contractor's required initiatives under these specifications.
- E. The General Prime Contractor agrees to post in conspicuous places, available for employees and applicants for employment, a notice to be provided by the State that sets forth the provisions of this Article 32.
- F. Failure to comply with the conditions of this Article 32 may result in the General Prime Contractor becoming declared an "ineligible" General Prime Contractor, termination of the Contract, or withholding of payment.

33. MINIMUM WAGES

- A. Wage determinations, when required by Federal Law, are listed in the Supplementary General Conditions.
- B. The specified federal wage rates are minimum rates only, and DFD will not consider any claims for additional compensation made by the General Prime Contractor because of payment by the General Prime Contractor of any wage rate in excess of the applicable rate contained in this Contract. Any disputes in regard to the payment of wages in excess of those specified in this Contract shall be adjusted by the General Prime Contractor.
- C. Failure to comply with the conditions of this Article 33 may result in the General Prime Contractor becoming declared an "ineligible" Contractor, termination of the Contract, or withholding of payment.

34. ASSIGNMENTS

- A. The General Prime Contractor shall not assign the whole or any part of this Contract or any moneys due or to become due hereunder without the prior written consent of DFD. In case the General Prime Contractor assigns all or any part of any moneys due or to become due under this Contract, the instrument of assignment shall contain an Article substantially to the effect that it is agreed that the right of the assignee in and to any moneys due or to become due to the General Prime Contractor shall be subject to prior claims of all persons, firms, and corporations for services rendered or materials supplied for the performance of the Work called for in this Contract and subject to the terms of this Contract and claims of offset by the State.
- B. On the date of Substantial Completion, the General Prime Contractor shall assign to the State all warranties and guarantees of labor or material incorporated into the Work which are provided by third party vendors, suppliers, manufacturers, and Subcontractors, including MEP Subcontractors or Non-MEP Subcontractors.

35. ANTITRUST AGREEMENT

The General Prime Contractor and the State recognize that in actual economic practice, overcharges resulting from antitrust violations are in fact usually borne by the State. Therefore, the General Prime Contractor hereby assigns to the State any and all claims for such overcharges as to goods and materials purchased in connection with this Contract, except as to overcharges which result from antitrust violations commencing after the price is established under this Contract and any Change Order thereto.

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36. INDEMNIFICATION

- A. To the fullest extent permitted by law, and in addition to any other indemnification provisions provided for herein, the General Prime Contractor shall indemnify and hold harmless the State, the A/E and its agents and employees and any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss, or expense is (1) attributable to bodily injury, sickness, disease or death, or to injury to or destruction of property, including loss of use resulting therefrom, and (2) is caused in whole or in part by acts or omissions of the General Prime Contractor, a Subcontractor thereof, a MEP Subcontractor, a Non-MEP Subcontractor thereof, anyone directly or indirectly employed by any of them, or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss, or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this section.
- B. The obligations of the General Prime Contractor under this indemnification shall not extend to the liability of the State, the A/E and its agents or employees thereof arising out of (1) preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs or specifications, or (2) the giving of or the failure to give directions or instructions by DFD, or the A/E or its agents or employees thereof provided such giving or failure to give is the cause of the injury or damage.

37. GENERAL PRIME CONTRACTOR PERFORMANCE EVALUATION

- A. The General Prime Contractor acknowledges that following completion of the Work, DFD's Project Representative will evaluate the General Prime Contractor's performance under and pursuant to this Contract. Such evaluation may take place after Substantial Completion or after Final Completion of the Work, as determined by DFD's Project Representative. The purpose of such evaluation includes, but is not limited to, determining whether or not the General Prime Contractor responsibly performed its Contractual obligations and whether or not the best interests of the State were promoted thereby.
- B. DFD shall provide a copy of any such performance evaluation to the General Prime Contractor, as soon as practicable after completion of such evaluation.
- C. The General Prime Contractor may appeal results of the General Prime Contractor's performance evaluation completed by DFD's Project Representative by submitting a request for performance review to the Administrator of the Division of Facilities Development. Any such request must include the reasons for such request, and documentation necessary to substantiate the General Prime Contractor's claim that initial performance evaluation was inappropriate or otherwise in error. The Administrator shall notify the General Prime Contractor of the results of this review as soon as practicable.
- D. DFD reserves the right to waive the results of such performance evaluation(s) if, in the opinion of DFD, corrective action has been taken to remediate substandard performance, events beyond the control of the General Prime Contractor resulted in substandard performance, or the best interests of the State will be served.
- E. The General Prime Contractor acknowledges and agrees that such evaluation(s) may be used by DFD pursuant to Wis. Stat. § 16.855(9m) when determining whether the General Prime Contractor is a "qualified responsible bidder" for future Project(s); provided, however, any such evaluation made more than five (5) years prior to the submission of any such subsequent bid shall not be considered in any event.
- F. The General Prime Contractor acknowledges and agrees that all such evaluations so prepared by DFD shall constitute "open public records" available for inspection and copying as provided for by law.

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1	SUPPLEMENTARY GENERAL CONDITIONS (Rev 7/2023)
2	Division Project No. 19K1N
3	
4	INDEX
5	
6	1. Definitions
7	2. Insurance
8	3. Schedule of Occupational Classifications and Minimum Hourly Wage Rates (REPEALED)
9	
10	1. DEFINITIONS
11	General Conditions, Article 2.B. shall be supplemented with the following:
12	
13	Architect/Engineer (A/E) for this project:
14	Engberg Anderson, Inc.
15	305 W Washington Ave.
16	Madison, WI 53703
17	608-250-0100
18	
19	2. INSURANCE
20	General Conditions, Article 31.A.(4), shall be supplemented with "special hazard" coverage as follows:
21	
22	"General Prime Contractor's, MEP Subcontractor's and Subcontractor's Public Liability and Property
23	Damage Insurance shall provide adequate protection against the following special hazards, unless provided
24	as part of Comprehensive General Liability coverage: loading and unloading; excavating; filling; drilling;
25	demolition. Coverages shall be in the amounts specified in Article 31 of the General Conditions."
26	
27	3. SCHEDULE OF OCCUPATIONAL CLASSIFICATIONS AND MINIMUM HOURLY
28	WAGE RATES (REPEALED)
29	The 2017-2019 Wisconsin State Budget (2017 Wisconsin Act 59) repealed Wisconsin's prevailing
30	wage laws. Effective September 23, 2017, state prevailing wage requirements on state building
31	projects no longer apply. These changes take effect for projects advertised for bid after September
32	23, 2017. This change does not affect the Federal Davis Bacon Act requirements.

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SUBMITTAL LOG
Products, Shop Drawings, Mock-ups, Training, Attic Stock, Warranties

PROJECT NAME:		Wentz Hall Renovation		TYPE OF SUBMITTAL CODE				ACTIONS					
PROJECT NO:		Division Project No. 19K1N		AT = Attic Stock		SA = Samples		R = Reviewed					
CONTRACTORS:				OM = Oper/Maint.		SD = Shop Drawings		C = Reviewed w/ comments					
				PD = Product Data		TC = Tests/Certif.		X = Rejected					
				RP = Reports		WR = Warranty							
Date Contractor will Submit	Date Rec'd	Spec Section	Submittal Type	Title	Manufacturer/ Supplier/Contractor	No. Rec'd	Referred To	Date Sent	No. Sent	Date Ret'd	Action	Date Ret'd to Contractor	Remarks
		01 00 00		<i>DIVISION 01 - GENERAL REQUIREMENTS</i>									
		GC Art #8		Prof of permits, licenses and approvals									
mm/dd/yy		GC Art #13		Contractor - 60 day initial schedule									Due 14 days from NTP
		GC Art #13		Contractor - full project schedule									
		GC Art #15		Quality Control Plan									
		GC Art #19		Work Reports									
		GC Art #23		Contractor Written Req - Subst Completion-Insp									
		GR Art #33		Operation and Maintenance Manuals and Instructions									
		GR Art #36		Erosion Control and Storm Water Management									
		GR Art #39		Guarantee Documents / Individual Divisions									
		GR Art #40		Record Documents - marked up as-builts									
		01 74 19		Construction Waste Management (CWM) Plan									GR Art #38
				Summary of CWM Progress Reports									
				Summary of CWM Final Documentation									
		01 91 00		COMMISSIONING - SEE Cx LOG									
		02 00 00		<i>DIVISION 02 - EXISTING CONDITIONS</i>									
		06 00 00		<i>DIVISION 06 - WOOD, PLASTIC & COMPOSITES</i>									
		07 00 00		<i>DIVISION 07 - THERMAL & MOIST. PROTECT.</i>									
		08 00 00		<i>DIVISION 08 - OPENINGS</i>									
		09 00 00		<i>DIVISION 09 - FINISHES</i>									
		10 00 00		<i>DIVISION 10 - SPECIALTIES</i>									
		11 00 00		<i>DIVISION 11 - EQUIPMENT</i>									
		12 00 00		<i>DIVISION 12 - FURNISHINGS</i>									
		14 00 00		<i>DIVISION 14 - CONVEYING EQUIPMENT</i>									

SUBMITTAL LOG
Products, Shop Drawings, Mock-ups, Training, Attic Stock, Warranties

PROJECT NAME:				Wentz Hall Renovation		TYPE OF SUBMITTAL CODE				ACTIONS				
PROJECT NO:				Division Project No. 19K1N		AT = Attic Stock		SA = Samples		R = Reviewed				
CONTRACTORS:						OM = Oper/Maint.		SD = Shop Drawings		C = Reviewed w/ comments				
						PD = Product Data		TC = Tests/Certif.		X = Rejected				
						RP = Reports		WR = Warranty						
Date Contractor will Submit	Date Rec'd	Spec Section	Submittal Type	Title	Manufacturer/ Supplier/Contractor	No. Rec'd	Referred To	Date Sent	No. Sent	Date Ret'd	Action	Date Ret'd to Contractor	Remarks	
		21 00 00		DIVISION 21 - FIRE SUPPRESSION										
		22 00 00		DIVISION 22 - PLUMBING										
		23 00 00		DIVISION 23- HVAC										
		26 00 00		DIVISION 26 - ELECTRICAL										
		28 00 00		DIVISION 28 - ELECT. SAFETY & SECURITY										

*** END OF DOCUMENT ***

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1 **1. DEFINITIONS**

2 In this document, the following terms are defined as:

3
4 (a) "Mechanical, electrical, or plumbing subcontractor" ("MEP Subcontractor") is a contractor that
5 performs mechanical (Heating, Ventilating, and Air Conditioning), electrical, plumbing, or fire protection
6 (fire suppression) work for the Project, and enters into a contract with the General Prime Contractor to
7 perform their division of work.

8
9 (b) "Qualified bidder" means a contractor that the department certifies under Wis. Stat. s.
10 16.855(9m)(b)1.

11
12 (c) "Qualified responsible bidder" means a contractor who is a qualified bidder and who is a
13 responsible bidder.

14
15 (d) "Responsible bidder" means a contractor that the department certifies under Wis. Stat. s.
16 16.855(9m)(b)2.

17
18 (e) "Single prime contracting" means bidding and contracting through a process in which only a
19 general prime contractor has a contractual relationship with the state and all mechanical, electrical, or
20 plumbing subcontractors are identified by the department and are subcontractors to the General Prime
21 Contractor.

22
23 (f) "General Prime Contractor" is a contractor that enters into a contract with the state to perform all
24 work as required by the Contract Documents and enters into contracts with subcontractors including MEP
25 Subcontractors identified by DFD.

26
27 (g) "Non-MEP Subcontractor" is a subcontractor to a General Prime Contractor in divisions of work
28 other than mechanical, electrical, plumbing, and fire protection. This includes suppliers and installers to the
29 General Prime Contractor.

30
31 (h) "Subcontractor" is all subcontractors on a project. This includes MEP Subcontractors,
32 subcontractors to the MEP Subcontractors, and Non-MEP Subcontractors.

33
34 (i) "Contractor" is all contractors working on a project regardless of contractual relationship. This
35 includes the General Prime Contractor, MEP Subcontractors, Non-MEP Subcontractors, and all
36 Subcontractors, regardless of tier of subcontract.

37
38 **2. GENERAL**

39 All articles in these General Requirements are applicable to all Divisions and Sections of the Work
40 included herein. The Conditions of the Contract, General and Supplementary General Conditions, and
41 these General Requirements shall apply with equal force and effect to the General Prime Contractor and all
42 Subcontractors engaged in this work.

43
44 Contractor or the Contractor's authorized representative must be present to accept delivery of all equipment
45 and material shipments. DFD's representatives will not knowingly accept, unload or store anything
46 delivered to the site for the Contractor's use. Inadvertent acceptance of delivered items by any
47 representative or employee of the State shall not constitute acceptance or responsibility for any of the
48 materials or equipment. It is the Contractor's responsibility to assume liability for equipment or material
49 delivered to the job site.

50
51 **3. SPECIAL SITE CONDITIONS**

52 Confine all operations, equipment, apparatus and storage of materials, to the immediate area of work to the
53 greatest possible extent. Contractor shall ascertain, observe and comply with all rules and regulations in
54 effect on the project site, including but not limited to parking and traffic regulations, use of walks, security
55 restrictions and hours of allowable ingress and egress. Any special traffic control during construction

involving lane closures shall be in accordance with the federal standard, Manual of Uniform Traffic Control Devices.

The Contractor shall take all measures necessary to become acquainted with the location of underground service, utilities, structures, etc., which may be encountered or be affected by the Contractor's work, and shall be responsible for damage caused by neglect to provide proper precautions or protection. As a minimum to become acquainted with such underground appurtenances, the Contractor shall: 1) Observe existing conditions visible at the site immediately prior to commencement of work; 2) Review available site plans incorporated in the contract documents and/or provided by the DFD Project Representative; 3) Final check with the DFD Project Representative for additions to or changes from conditions indicated on site plans for the facility; and 4) Obtain input from the "one-call system", the organization composed of all suppliers of utilities/services to or from the site.

Information pertaining to existing conditions that are described in the specifications or appear on the drawings, are based on available records. While such data has been collected with reasonable care, there is no expressed or implied guarantee that conditions so indicated are entirely representative of those actually existing. This information is provided to inform the Contractor of known, existing conditions so that due diligence is taken by the Contractor to avoid damage. Where site observation or documents indicate existing underground utilities/services in close proximity (within four feet horizontally and/or four feet vertically) to necessary new construction work, the Contractor shall be responsible to test, probe or otherwise determine exact locations so as to prevent damage to such utilities/services.

Existing pipes, electrical work, and all other utilities encountered, which may interfere with new work, shall be re-routed, capped, cut off, or replaced by the Trades having jurisdiction, in accordance with the Bidding and Contract Documents.

Foundations are designed for soil pressure indicated. Because of variation in bearing capacity of the ground, some foundations may have to be revised after excavation has been completed. DFD's Project Representative's approval to proceed with foundation work must be obtained before concrete is poured. Changes in the work due to revisions of foundations because of unsatisfactory soil conditions will be classed as additional work.

Coordinate parking and access permits with Campus Police Services.

4. INSPECTION OF SURFACES

Contractor shall obtain complete data at the site and inspect surfaces that are to receive the Work before proceeding with fabricating, assembling, fitting or erecting any work under this contract.

Contractor shall notify DFD's Project Representative in writing in case of discrepancies between existing work and drawings, and of any defects in such surfaces that are to receive the Contractor's work. DFD's Project Representative will evaluate the notice and direct what remedial action will be taken.

Starting of work implies acceptance of existing work or the work of others. Removal and replacement of work applied to defective surfaces, in order to correct defects, shall be done at the expense of the Contractor who applied work to defective surfaces.

5. HAZARDOUS SUBSTANCES - ASBESTOS, LEAD AND POLYCHLORINATED BIPHENYLS (PCB'S)

Airborne asbestos fibers, lead, and PCB compounds, if encountered, have been determined to be hazardous to one's health. Compliance with all possible applicable regulations is the Contractor's responsibility. Contractor shall not provide or install any product that contains any amount of asbestos or PCB. See General Requirements, CLEANING AND WASTE DISPOSAL for disposal of hazardous waste, if encountered.

1 ASBESTOS

2 Contractor's attention is directed to WAC NR 447, WAC DHS 159 and the Occupational Safety and Health
3 Act (OSHA) in general, part 1926.1101--ASBESTOS in particular. Contractor is responsible for
4 compliance with all applicable regulations when the work includes fastening to or coring through Asbestos
5 Containing Materials (ACM) and disturbance of asbestos containing caulking and adhesives. The
6 Contractor is responsible for removal and disposal of Category I non-friable ACM that will be disturbed by
7 the work. Unless otherwise indicated, all caulking, sealants, glazing compounds, gaskets, asphalt roofing
8 materials, damp proofing and miscellaneous adhesives are assumed to contain asbestos and are considered
9 to be Category I non-friable ACM as defined in NR 447. Waste material containing Category I non-friable
10 ACM, is regulated as Construction and Demolition (C&D) waste and may be disposed of at a Department
11 of Natural Resources (DNR) approved C&D waste landfill. If Contractor's work methods cause non-
12 friable ACM to become friable, the Contractor is responsible for the disposal of the friable asbestos waste
13 at a landfill specifically approved by DNR to accept friable asbestos. A copy of the signed waste manifest
14 for the disposal of all friable asbestos waste shall be provided to DFD prior to request for final payment.
15

16 The following building materials have been identified to be ACM.

17 SPRAY APPLIED AND TROWEL APPLIED SURFACES:

18 Acoustical ceiling spray textured paint (assumed for the purposes of this project)
19

20 THERMAL SYSTEM INSULATION:

21 Hard pipe fitting insulation
22

23 CEMENT ASBESTOS PRODUCTS:

24 None identified
25

26 FLOORING AND ASSOCIATED MATERIALS:

27 12" X 12" floor tile & mastic (all types assumed for the purpose of this project)

28 9" X 9" floor tile & mastic

29 Carpet mastic

30 Flooring mastic black
31

32 MISCELLANEOUS MATERIALS:

33 Labeled fire doors (assumed to contain asbestos)

34 Shower floor membrane and mastic (assumed present and assumed to contain asbestos)

35 Exterior caulk on louvers

36 Interior building caulk joints between block and columns

37 Exterior window glazing compound fixed glass windows
38

39 The following building materials have been identified to be non-ACM.

40 Plaster

41 Drywall and joint compound

42 Ceramic tile grouts, mortars and adhesives all types

43 Sheet flooring white/tan

44 Stair treads brown & adhesive

45 2X2 suspended ceiling tile fissured

46 2X2 suspended ceiling tile - gypsum

47 Vinyl wallbase and mastic

48 Duct insulation

49 Fiberglass pipe insulation

50 Pipe insulation mastic white

51 Acoustical ceiling spray bumpy texture

52 Fire brick
53
54

1 Lead Based Paint

2 Existing paint is assumed to contain lead. Existing glazed finishes on tile and masonry units are assumed to
3 contain lead. The Contractor is responsible for compliance with Occupational Safety and Health Act
4 (OSHA) in general and particularly to 29 CFR 1910 (LEAD STANDARD) and to CFR 1926 (LEAD
5 EXPOSURE IN THE CONSTRUCTION INDUSTRY). Dispose of refuse containing lead based paint or
6 contaminated with lead by the demolition process in conformance with State of Wisconsin Hazardous
7 Waste Regulations set forth by the Department of Natural Resources and in conformance with OSHA and
8 EPA recommended worker safety requirements.

9
10 PCB'S

11 Contractor's attention is directed to Wisconsin Administrative Code, Chapter NR 157 relative to PCB's.
12 Refer to Division 26, Electrical within these specifications for work involving PCB's.

13
14 **6. SOIL TEST BORINGS**

15 **Not applicable to this project.**

16
17 **7. MUTUAL RESPONSIBILITY**

18 Contractor(s) shall coordinate the work with adjacent work and shall cooperate with all other trades to
19 facilitate the general progress of the work. Each trade shall afford all other trades every reasonable
20 opportunity for the installation of their work and for the storage of their material. In no case will the
21 Contractor(s) be permitted to exclude from the premises or work, any other Contractor or employees
22 thereof, or interfere with any other Contractor in the executing or installation of their work.

23
24 Contractor(s) shall arrange the work and dispose of materials so as not to interfere with the work or storage
25 of materials of others and each shall join their work to that of others in accordance with the intent of the
26 drawings and specifications.

27
28 All Contractors shall work in cooperation with the General Prime Contractor and with each other, and fit
29 their work into the structure as job conditions may demand. All final decisions as to the right-of-way and
30 run of pipe, ducts, etc., shall be made by DFD at prearranged meetings with responsible representatives of
31 the Contractors involved.

32
33 **8. PROJECT MEETINGS**

34 Project meetings will be held at the time designated by DFD. Contractor, when requested, shall attend
35 these meetings. If the principal of the firm does not attend meetings, a responsible representative of the
36 Contractor who can bind the Contractor to a decision at the meetings shall attend.

37
38 The Architect/Engineer or a representative thereof will write a report covering all items discussed and
39 decisions reached and copy of such report distributed to all parties involved.

40
41 **9. SLEEVES AND OPENINGS**

42 Each Contractor requiring sleeved openings shall furnish all sleeves required for their penetrations whether
43 or not they responsible for providing the respective openings. Contractors furnishing sleeves to others for
44 installation shall do this in a timely manner so as not to impede the project schedule.

45
46 Openings shown on the structural and/or architectural drawings shall be the responsibility of the General
47 Prime Contractor. Sleeves furnished by other contractors for openings shown on the structural and/or
48 architectural drawings shall be installed by the General Prime Contractor.

49
50 Openings that are required and are not shown on the structural and/or architectural drawings shall be the
51 responsibility of the contractor requiring the openings. The contractor requiring the opening shall install
52 sleeves for these openings or cut openings as needed (including floor openings within chases).

53
54 Individuals skilled in such work shall accomplish installation of sleeves and openings.

Each Contractor shall be responsible for coordinating locations of their sleeves with work of other trades.

Each Contractor who requires sleeves and/or openings shall submit through the General Prime Contractor, to the Architect/Engineer for review and approval, layout drawings of all such required sleeves and/or openings. Sleeve and opening layout drawings shall be received by the Architect/Engineer a minimum of two weeks prior to installation of the sleeves and openings. Sleeve and opening sizes and locations shall be dimensioned from column lines and floor elevations or from a point of reference approved by DFD.

10. CUTTING AND PATCHING

Provisions of Article 9. Sleeves and Openings herein, cover the work involved for providing and installing sleeves and openings.

Cutting and patching required to access work in existing walls, in chases, above inaccessible ceilings, below floors, etc., shall be by the Contractor who requires the access, unless shown in the bid documents otherwise or noted otherwise.

The Contractor shall do all cutting, or fitting of the work as required to make its several parts fit together, or to receive the work of others, as shown or reasonably implied by the drawings or specifications, or as may be directed by DFD. Holes cut in exterior walls and/or roofs shall be waterproofed.

The Contractor who cuts for required access to work shall also be responsible for patching. Where cutting and patching is required, Contractor shall hire individuals skilled in such work to do cutting and patching.

Except where specifically identified, the Contractor who removes or relocates building components which leave a remaining opening shall be responsible for patching the opening. Where building components are removed by the Asbestos Abatement Contractor on behalf of a Contractor, the Contractor on whose behalf the components are removed shall be responsible for patching the remaining opening.

Patching includes repairing openings to match adjacent construction and painting the surface to match existing. Painting means covering the entire wall where patching is to be done to nearest break point or corner unless indicated to be done by other trades.

Contractor shall not endanger any work by cutting, digging or otherwise and shall not cut or alter the work of others without their consent.

Do not pierce beams or columns without permission of DFD and then only as directed in writing. If any ductwork, piping, conduit, etc. is required through walls or floors where no sleeve has been provided, use a core drill or saw cut to prevent damage and structural weakening.

Wherever any material, finish, or equipment, is damaged, the skilled trade shall accomplish the repair or replacement, in that particular work and the cost shall be charged to the party responsible for the damage. DFD reserves the right to disallow any means and/or methods that, in the opinion of DFD, are harmful to and/or not in the best interest of preserving the improvements receiving the work.

11. MANUFACTURER'S DIRECTIONS

Contractor(s) shall apply, install, connect, erect, use, clean and condition manufactured articles, materials, and equipment as recommended by the manufacturer, unless specified to the contrary. The manufacturer's latest recommendations at the time of bidding shall be used.

12. LAYOUT

The General Prime Contractor shall immediately upon entering the site for purpose of beginning work, locate general reference points and take such action as is necessary to prevent their destruction. Each Contractor shall lay out its work and be responsible for all lines, elevations and measurements of the

1 building and other work executed under its Contract. Each Contractor must exercise proper precaution to
2 verify dimensions on the drawings before laying out work and will be held responsible for any error
3 resulting from failure to exercise such precaution.

4
5 Using datum furnished by the State, the lot lines and present levels have been established as shown on the
6 drawings. Other grades, lines, levels and benchmarks, shall be established and maintained by each
7 Contractor, who shall be responsible for them.

8
9 As work progresses, the General Prime Contractor shall lay out on forms and floor, the locations of all
10 partitions, walls and fix column centerlines as a guide to all trades.

11
12 The General Prime Contractor shall make provision to preserve property line stakes, benchmarks, or datum
13 point. If any are lost, displaced or disturbed through neglect of any Contractor, Contractor's agents or
14 employees, the Contractor responsible shall pay the cost of restoration.

15
16 Each Contractor shall verify grades, lines, levels, locations and dimensions as shown on drawings and
17 report any errors or inconsistencies to DFD's Project Representative before commencing work. Starting of
18 work by each Contractor shall imply acceptance of existing conditions.

19 20 **13. SUPERVISION**

21 The General Prime Contractor shall take complete charge of the work under this contract and coordinate
22 the work of all Trades on the project.

23 24 **14. FIELD OFFICES**

25 The General Prime Contractor shall provide and maintain a temporary watertight office where directed for
26 use by the Contractor and Trades. The office shall be equipped with a plan rack and suitable table for
27 examination of plans.

28
29 The office may be located within the remodeling area of the facility provided the existing construction is
30 protected and finishes are replaced before returning the space back to university housing control. If other
31 offices are provided, they will be located as agreed to by the Contractor and approved by DFD.

32 33 **15. STAIRS AND SCAFFOLDS**

34 The General Prime Contractor shall:

35
36 Furnish and maintain equipment such as temporary stairs, fixed ladders, ramps, chutes, runways and the
37 like as required for proper execution of work by all trades, and shall remove them on completion of the
38 work.

39
40 Contractors requiring scaffolds shall make arrangements with and compensate the General Prime
41 Contractor for scaffolding, or shall provide their own and remove them upon completion of the work.

42
43 Each Contractor shall underlay its interior scaffolds with planking to prevent uprights from resting directly
44 on the floor construction.

45 46 **16. HOISTS, ELEVATORS OR CRANES**

47 Each separate contractor shall provide and pay for its own hoist/crane or other apparatus necessary for
48 unloading/setting or moving their equipment and materials. Installation and removal of equipment for this
49 activity must be accounted for in the Project Schedule.

50
51 Equipment and operations for this activity shall comply with applicable Department of Safety and
52 Professional Services and OSHA requirements. No material hoist may be used to transport personnel
53 unless it meets Department of Safety and Professional Services and OSHA requirements for that purpose.

1 Contractors shall provide any protection required, temporary or long term, to prevent damage to work in
2 place or in progress. When hoisting activity results in such damage, the responsible contractor shall pay for
3 cleaning, repair or replacement of material or equipment as determined by DFD.

4
5 Equipment, that imposes loads of any kind on work in place, shall not be erected without agreement from
6 DFD.

7
8 At their own discretion, two or more contractors may agree to use common hoisting facilities. Under such
9 arrangements, the allocation of costs, access and scheduling and all other details of the agreement are the
10 responsibility of the contractors involved.

11
12 Existing elevators may be used on a limited basis with DFD's permission and agreement. Costs of
13 warranty extensions and additional service work required will be paid by the using contractor. Appropriate
14 protection must be provided by the using contractor and that contractor shall be responsible for any
15 structural, mechanical or finish damage to the elevator and its parts and to adjoining building finishes and
16 components.

17 **17. SIGNS**

18 No project sign required.

19
20
21 No individual advertising signs, plaques or credits, temporary or permanent, will be permitted on the
22 building or premises, except the name of the Contractor on Contractor's office or material shed.

23 **18. FENCE**

24 The General Prime Contractor shall provide a neat appearing protective fence where indicated on the
25 drawing, constructed of standard studded T-Posts of sufficient length for line posts and spaced not to
26 exceed 8'-0" apart. Corner posts and gate posts are to be galvanized steel pipe of not less than 2 1/2" o.d.
27 and shall be properly braced. A 6-foot high chain-link fence shall be securely fastened to the supports.
28 Plastic fencing is not acceptable. Provide gates, properly constructed and braced, complete with hinges,
29 hasps, and padlocks in number and location required for proper control, delivery and distribution of
30 material and equipment. Gate posts shall be adequately back tied and anchored to insure a rigid
31 installation. All protective fencing shall be maintained in an upright, orderly fashion throughout the
32 construction schedule. In areas where existing trees are to be protected, the area inside the protective
33 fencing shall not be used for any purpose related to construction activities, such as material storage, vehicle
34 parking, portable toilets, or other disruptive activities that would result in damage of any kind to the site
35 inside the fence.

36
37
38 Temporary barrier fencing is the responsibility of the contractor doing work outside the main construction
39 fence. Refer to Section 02 05 00 Common Work Results for Existing Conditions for temporary barrier
40 fencing.

41 **19. ROADWAY**

42 The General Prime Contractor may use the existing roads and sidewalks as noted for delivery of materials
43 at the Contractor's own expense and maintain it until completion of construction. Allow others to use it at
44 no cost. All materials shall be removed upon termination of access need, and the confines of the roads and
45 sidewalks shall be repaired to pre-construction condition.

46 **20. TOILETS**

47 The General Prime Contractor shall provide and maintain sanitary temporary toilets, located where directed
48 by DFD's Project Representative, in sufficient number required for the force employed. The toilets shall
49 comply with International Building Code Chapter 29 on Plumbing Systems. Toilets shall be self-contained
50 chemical type.

1 As soon as conditions will allow, the Plumbing Trade shall provide temporary toilets within the building,
2 where directed, and equip the room with at least two temporary water closets and one temporary lavatory,
3 each with connections to cold water and sanitary sewer. The General Prime Contractor shall provide a
4 temporary wood enclosure with doors; remove when directed.

5
6 After directed by DFD's Project Representative, the Plumber shall remove the temporary fixtures and
7 replace them with permanent fixtures.

8
9 After temporary toilet accommodations are provided within the building, the General Prime Contractor
10 shall remove the temporary outside toilets.

11
12 The General Prime Contractor shall maintain the temporary toilets in a sanitary condition at all times and
13 shall supply toilet paper until completion of the job.

14 15 **21. TELEPHONES**

16 It is expected that each contractor have access to their own cell phone for their own use. No additional
17 telephone service will be provided

18 19 **22. WATER SUPPLY**

20 The General Prime Contractor shall arrange with the University of Wisconsin – La Crosse to use existing,
21 nearby water service for all water required for construction and other purposes until the permanent water
22 supply system is accepted and in operation.

23
24 Immediately after award of contract, the Plumbing Trade shall make arrangements for temporary
25 connections and extension of existing water service facilities. As soon as possible, the Plumbing Trade
26 shall install the permanent main into the building, extend piping, and provide access on each floor.
27 Permanent risers may be used for temporary service. Use of the existing, exterior hose bibbs for
28 construction purposes is acceptable.

29
30 The Plumbing Trade shall supply, maintain the installation, and remove it when directed by DFD's Project
31 Representative. The General Prime Contractor shall provide necessary patching of surfaces and structure
32 after such temporary service is removed.

33
34 The General Prime Contractor shall prevent waste of water and shall maintain valves, connections, and
35 hoses in perfect condition, at all times. Trades shall provide their own hose or piping from hose bibbs.

36
37 Immediately after award of contract, the Plumbing Trade shall make arrangements to begin underground
38 water main work and shall complete the work, including backfilling required, as soon as possible.

39
40 Toilets and slop sinks used by workmen shall be kept clean and sanitary at all times.

41 42 **23. TEMPORARY ELECTRICAL WORK**

43 The General Prime Contractor shall make all arrangements with the University of Wisconsin – La Crosse
44 for unmetered electrical service, pay for the installation of all temporary service, and upon completion of
45 project, pay for removal of temporary service. The General Prime Contractor shall patch surfaces and
46 structure after services have been removed. Each floor contains (2) 208 volt, 3 phase, 100 amp panels that
47 can be utilized for the temporary service. Coordinate existing electrical service with temporary service and
48 transformer and main distribution panel replacement.

49
50 If a Contractor contemplates the use of equipment that requires a different voltage or greater capacity than
51 that specified, then that Contractor must arrange for this additional service and pay for installation of the
52 service and the necessary additional switches and wiring required.

1 The University of Wisconsin – La Crosse shall pay for all electrical energy consumed for construction
2 purposes for all trades including temporary offices, for operation of ventilating equipment, for heating of
3 building, and for testing and operating of all equipment.

4
5 Any Trade that has a temporary office shall provide and pay for installation of temporary service for
6 lighting of such temporary office.

7
8 The Electrical Trade shall also provide, at no cost to others, all lamps, wiring, switches, sockets and similar
9 equipment required for temporary system until substantial completion. Upon completion of the project, the
10 Electrical Trade shall remove the temporary system.

11
12 The temporary lighting system shall be sufficient to enable all trades to safely complete their work and to
13 enable DFD's Project Representative to check all work as it is being done. Illumination shall be 5 foot-
14 candles minimum in all areas and, in addition, shall meet or exceed the requirements of 29 CFR 1926.56
15 Illumination (OSHA regulations).

16
17 Provide at least one duplex outlet for small power tools for each 400 square feet of floor space, 120 volt
18 single phase. Circuits shall be 20 ampere, single pole.

19
20 In accordance with the latest issue of the National Electrical Code, all temporary electrical circuits for
21 construction purposes shall be equipped with combination ground fault interrupter and circuit breakers
22 meeting the requirements of UL for Class A, Group 1 devices. The ground fault interrupter portion shall be
23 solid state type, insulated and isolated from the breaker mechanism. A test button shall be provided for
24 checking the device. The breaker mechanism shall provide overload and short circuit protection and shall
25 be operated by a toggle switch with overcenter switching mechanism so that contact cannot be held closed.

26
27 All Trades shall furnish their extension cords and lamps other than those furnished for general lighting.

28
29 All Trades and other separate Contractors shall be allowed to use the service provided for general lighting
30 and fractional horsepower hand tools at no cost.

31
32 For those contractors requiring voltage other than basic temporary system specified, three phase or single-
33 phase energy used for equipment other than fractional horsepower hand tools or testing shall make their
34 own arrangements with the Electrical Trade for the cost of installation, necessary additional switches and
35 wiring required and removal when no longer required.

36
37 Those trades requiring lighting or other electrical service outside of building shall pay for the installation
38 and removal of service, maintenance charges, and energy consumed.

39
40 Heating and Ventilating Trade shall provide wiring, equipment and connections for portable or temporary
41 heating units.

42
43 The Electrical Trade shall expedite the work under this contract in such a manner that the permanent power
44 wiring system and panels will be installed and connected to permanent heating and ventilating equipment in
45 time to operate and test this equipment when the building has been closed sufficiently to permit the use of
46 portions of heating and ventilating system for temporary heating during construction. Permanent wiring
47 and connections may be used at permanent equipment; however, the use of the permanent system during
48 construction shall in no way waive any part of the guarantee period.

49
50 After Substantial Completion of the permanent electrical system and building wiring, permanent
51 receptacles may be used during finishing work. Permanent wiring for lighting fixtures, switches and
52 receptacles shall be installed only after all masonry and plastering has been completed, but this wiring shall
53 not be used for motors larger than fractional HP or for welding equipment. Circuits for larger motors and
54 welding equipment may be provided with special circuits to mains of electrical panels at the expense of

1 those trades requiring them, provided that special permission is obtained from DFD's Project
2 Representative and the installation is made by skilled electricians.

3 4 **24. COLD WEATHER PROTECTION**

5 All heating and protective covering, required to protect the work from injury due to freezing and moisture
6 during the construction period and prior to enclosure of the building, shall be classed as COLD WEATHER
7 PROTECTION. Such protection shall be provided and paid for by the General Prime Contractor.

8
9 Heat required to protect materials from injury due to freezing during the construction period and prior to
10 enclosure, shall be provided by means of portable heating units intended for this purpose. The existing
11 finned tube heating system will remain active and can be used for protection. However, if supplemental
12 heat is needed it is the Contractor's responsibility to provide supplemental heat.

13
14 All heating units must be approved types. Proper ventilation must be provided. The use of temporary units
15 whose product of combustion will damage fresh concrete, mortar or other building materials, will not be
16 allowed. Use of coke or oil salamanders is prohibited.

17
18 If electrical power is required for oil or gas portable heating units, it may be taken from the available
19 temporary power source.

20
21 Heating units and the area surrounding the units shall be kept in a clean and safe condition.

22 23 **25. ENCLOSURE**

24 Before the building, or portion thereof, can be considered enclosed, the General Prime Contractor shall
25 have advanced the construction of the building to conform with the following requirements.

26
27 Provide approved translucent material for temporary enclosure of window openings if they have not been
28 glazed. Plain or reinforced polyethylene film or other suitable translucent material will be acceptable,
29 provided it is installed in or on a well fitting rigid wood frame and kept in good repair. This means of
30 temporary enclosure shall be used for other minor openings in walls.

31
32 Construct temporary walls as required to protect contents and to separate the interior enclosed sections
33 from the interior open section of the building during construction. Temporary wall enclosure shall consist
34 of plywood panels, at least 3/8" thick, fastened to wood framework, consisting of 2 x 4 studs spaced 24"
35 o.c., securely spiked to wood plates, top and bottom. Provide intermediate girts between studs as required
36 for fastening of plywood. Temporary walls must provide protection from dirt, dust, and drafts.

37
38 Provide exterior doors with hinges, self-closing device, and locks.

39
40 Make suitable provisions for passage of air to permit proper drying out of the building.

41
42 At end of day's work, securely close temporary enclosures. Padlock exterior doors. The General Prime
43 Contractor shall supervise effectiveness of enclosures.

44
45 Where reference is made to a "portion of the building", it is intended to mean definable areas of the
46 building such as a group of floor levels or an entire wing of the building. It is not intended to require a
47 room-by-room or erratic piece-meal enclosure operation, but shall provide for an orderly expansion of large
48 adjacent or related areas to be enclosed which are advantageous to the progress of the work and approved
49 by DFD's Project Representative.

50 51 **26. TEMPORARY HEAT**

52 All heating required after shall be classified as TEMPORARY HEAT. Enclosure is defined in preceding
53 Article.

1 It shall be the responsibility of the General Prime Contractor to see that every precaution is used to prevent
2 unnecessary escape of heat.

3
4 The University of Wisconsin – La Crosse will furnish all steam or hot water required for temporary heat at
5 no cost to the Contractor. It is the responsibility of the heating trade to connect to the existing steam or hot
6 water source for the supplemental system. Any supplemental heating system shall be connected by the
7 heating trade to the existing Metasys BAS.

8
9 The University of Wisconsin – La Crosse shall pay for all electrical energy consumed for temporary heat.

10
11 The Heating Trade shall provide one of the following systems or a combination thereof, for furnishing
12 temporary heat:

13
14 The existing (permanent) heating system may be used for temporary heating. Temporary filters shall be
15 used in the permanent system. Provide bases, shields, etc., around heating elements to prevent too rapid
16 drying of adjacent concrete, masonry or plaster. Relocation of some of the permanent heating system
17 equipment may be required during construction to prevent interference with new construction. Temporary
18 units may be installed in such areas during the time permanent equipment is not operating. Installation of
19 any temporary units must not affect the heating performance to the occupied areas of the building.

20
21 The existing heating water system must remain active to provide heating to the lower occupied floors
22 during the first phase of construction and may be used for temporary heat of the construction areas. All
23 modifications to the existing heating system shall be approved and coordinated with DFD and the User
24 Agency.

25
26 If permanent system is not operable and heating is required, the Heating Trade may furnish and install a
27 supplementary hot water heating system. Installation of any supplementary units must not affect the heating
28 performance of the existing system to the occupied areas of the building. Supplementary heating system
29 shall consist of horizontal type "Unit Heaters". Provide unit heaters as required to maintain temperatures
30 specified hereinafter. Each unit shall be installed complete with valve on supply branch and on return,
31 electric line voltage room thermostat to cycle the fan motor, and necessary supply and return piping. The
32 distribution piping of the permanent heating system may be utilized for supply and return to unit heaters on
33 each floor in lieu of supplementary piping, provided approved connections, controls and protection of such
34 piping is maintained. The University of Wisconsin – La Crosse will not manage the supplementary heating
35 system.

36
37 If the permanent air system is used during temporary heating period, temporary filters shall be provided in
38 the system, and they shall have efficiency equal to the permanent filters.

39
40 The use of open salamanders as portable heating units will not be approved. All portable temporary
41 heating units shall be properly ventilated to prevent combustion gases from remaining in the heating area.

42
43 The Heating Trade must ascertain if heating equipment will operate on the temporary electrical service
44 available. If service is insufficient to operate equipment, Heating Trade shall make other arrangements.

45
46 The University of Wisconsin – La Crosse shall be responsible for the proper adjustment and maintenance
47 of the existing system and shall supervise and be responsible for the operation of the system used for
48 temporary heating. Supervision shall include periodic checking of operation as required.

49
50 A minimum temperature of 45 degrees and a maximum temperature of 60 degrees for the building shall be
51 maintained by the Heating Trade, except for a period of at least ten days prior to the placing of interior
52 woodwork and throughout the placing of this and other finish, varnishing, painting, etc., and until
53 substantial completion to provide sufficient heat to insure a temperature in the spaces involved of not less
54 than 70 degrees nor more than 80 degrees.

1
2 The temporary heating system shall be removed by the Heating Trade after the permanent heating system
3 has been installed and operating. Surfaces and structure shall be patched as required. Temporary heating
4 equipment shall be relocated by the Heating Trade as required during construction to prevent interference
5 with new construction.
6

7 At completion of construction work or when temporary heat is no longer required, Heating Trade must
8 repair any damage done to permanent equipment during temporary heating period and also perform the
9 necessary cleaning of all ducts and equipment. The Heating Trade shall provide permanent filters to the
10 complete satisfaction of DFD.
11

12 **27. FIRE PROTECTION**

13 The General Prime Contractor shall provide and maintain in working order during the entire construction
14 period, a minimum of three (3) fire extinguishers on each floor level and one (1) in temporary office.
15 Extinguishers shall be nonfreeze type such as A-B-C rated dry chemical, of not less than 10-pound capacity
16 each. In addition, any Subcontractor who maintains an enclosed shed on the site shall provide and
17 maintain, in an accessible location, one or more similar nonfreezing type fire extinguisher in each enclosed
18 shed.
19

20 The existing fire alarm system is scheduled for replacement and the building will not be occupied during
21 the renovation.
22

23 **28. WATCHPERSONS**

24 Watchpersons will not be furnished by the State. The Contractor shall provide such precautionary
25 measures, to include the furnishing of watchpersons if deemed necessary, to protect persons and property
26 from damage or loss where the Contractor's work is involved.
27

28 **29. STORAGE OF MATERIALS**

29 Contractor shall confine equipment, apparatus, storage of materials and operations to limits indicated on the
30 drawings or by specific direction of DFD's Project Representative and shall not bring material onto the site
31 until they are needed for the progress of the work.
32

33 The storage of materials on the grounds and within the building shall be in strict accordance with the
34 instructions of DFD's Project Representative. Storage of materials within the building shall at no time
35 exceed the design carrying capacity of the structural system.
36

37 Provide and maintain watertight storage sheds on the premises where directed, for storage of materials that
38 might be damaged by weather. Sheds shall have wood floors raised at least 6" above the ground.
39

40 All materials affected by moisture shall be stored on platforms and protected from the weather.
41

42 All materials shall be stored in a manner that prevents release of hazardous material to the environment.
43

44 All hazardous materials, including motor fuels, shall be properly handled and contained to prevent spills or
45 other releases. The General Prime Contractor shall develop and maintain a contingency plan to provide
46 emergency response, containment, and cleanup of spills of hazardous materials resulting from contract
47 activities. All spills and releases shall be reported to DFD as soon as possible.
48

49 During the construction of this building, materials, construction sheds, and earth stockpiles shall be located
50 so as not to interfere with the installation of the utilities nor cause damage to existing lines.
51

52 The Contractor shall allot space to others for storage of their materials, and erection of their sheds.
53

Should it be necessary at any time to move material sheds or storage platforms, the Contractor shall move same at the Contractor's expense, when directed by DFD's Project Representative.

The State assumes no responsibility for materials stored in building or on the site. The Contractor assumes full responsibility for damage due to the storage of materials.

Repairing of areas used for placing of sheds, offices, and for storage of materials shall be done by the Contractor.

30. PROTECTION OF FINISHED CONSTRUCTION

Contractor shall assume the responsibility for the protection of all finished construction under the Contract and shall repair and restore any and all damage of finished work to its original state.

Provide protection for existing finishes including but not limited to flooring, walls, and ceilings. Failure to protect existing finishes will require replacement at no additional charge to DFD.

Wheeling of any loads over any type of floor, either with or without plank protection, will be permitted only in rubber tired wheelbarrows, buggies, trucks or dollies.

Where structural concrete is also the finished surface, care must be taken to avoid marking or damaging those surfaces.

31. PROTECTION IN GENERAL

All structures and equipment shall be constructed, installed and operated with guards, controls and other devices in place.

Temporary pumps required for pumping water from excavations or from building proper shall be provided by the General Prime Contractor, including temporary connections. Plumbing Trade shall install permanent sump basins and piping where and when required. Permanent sump pumps shall not be installed until building is substantially complete and when approved by DFD's Project Representative. The General Prime Contractor shall remove temporary pumps and connections when approved by DFD's Project Representative.

The General Prime Contractor shall:

Provide, erect and maintain all required planking, barricades, guard rails, temporary walkways, etc., of sufficient size and strength necessary for protection of stored material and equipment; paved surfaces, walks, curbs, gutters and drives; streets adjacent to or within project area; adjoining property and all project work to prevent accidents to the public and the workmen at the job site.

Provide temporary protection around openings through floors and roofs.

Provide and maintain proper shoring and bracing for existing underground utilities, sewers, etc., encountered during excavation work, to protect them from collapse or other type of damage until such time as they are to be removed, incorporated into the new work, or can be properly backfilled upon completion of new work.

Provide protection against rain, snow, wind, ice, storms, or heat to maintain all work, materials, apparatus, and fixtures, incorporated in the work or stored on the site, free from injury or damage. At the end of the day's work, cover all new work likely to be damaged. Remove snow and ice as necessary for safety and proper execution of the work.

Protect the building and foundations from damage at all times from rain, ground water and back-up from drains or sewers. Provide all equipment and enclosures as necessary to provide this protection.

1
2 Damaged property shall be repaired or replaced in order to return it to its original condition. Damaged
3 lawns shall be replaced with sod.
4

5 Protect materials, work and equipment, not normally covered by above protection, until construction
6 proceeds to a point where the general building protection of the area where located, dispenses with the
7 necessity therefore. Protect work outside of the building lines such as trenches and open excavations, as
8 specified above.
9

10 Take all necessary precautions to protect the State's property as well as adjacent property, including trees,
11 shrubs, buildings, sanitary and storm sewers, water piping, gas piping, electric conduit or cable, etc., from
12 any and all damage which may result due to work on this project.
13

14 Repair work outside of property line in accordance with the requirements of the authority having
15 jurisdiction.
16

17 Repair any work, damaged by failure to provide proper and adequate protection, to its original state to the
18 satisfaction of DFD or remove and replace with new work at the Contractor's expense.
19

20 Protect trees indicated on the drawings to remain and trees in locations that would not interfere with new
21 construction, from all damage. Do not injure trunks, branches, or roots of trees that are to remain. Do
22 cutting and trimming only as approved and as directed by DFD's Project Representative.
23

24 The value of trees destroyed or damaged will be charged against the account of the Contractor responsible
25 for the damage in an amount equal to the expense of replacing the trees with those of similar kind and size,
26 but not to exceed \$1000.00 for any one tree.
27

28 **32. CLEANING AND WASTE DISPOSAL**

29 Contractor shall be responsible for all cleaning required within the technical sections of the specifications
30 governing work under the Contractor's jurisdiction as well as for keeping all work areas, passageways,
31 ramps, stairs and all other areas of the premises free of accumulation of surplus materials, rubbish, debris
32 and scrap which may be caused by the Contractor's operations or that of the Subcontractors.
33

34 Remove rubbish, debris and scrap promptly upon its accumulation and in no event later than the end of
35 each week.
36

37 Combustible waste shall be removed immediately or stored in fire resistive containers until disposed of in
38 an approved manner.
39

40 No burning of rubbish or debris will be allowed at the site. Rubbish, debris and scrap shall not be thrown
41 through any window or other opening, or dropped from any great height; it shall be conducted to the
42 ground, to waiting truck(s) or removable container(s) by means of approved chutes or other means of
43 controlled conveyance.
44

45 Form and scrap lumber shall have all nails withdrawn or bent over; shall be neatly stacked, placed in trash
46 bins, or removed from the premises.
47

48 Spillages of oil, grease or other liquids which could cause a slippery or otherwise hazardous situation or
49 stain a finished surface shall be cleaned up immediately.
50

51 Waste materials removed from the site shall be managed by the contractor and disposed of in accordance
52 with all applicable laws, regulations, codes, rules, and standards. Materials that meet the definition of a
53 hazardous waste (Wis. Admin. Code NR 600) shall be disposed through the State's hazardous wastes
54 service contract (Posted on Vendornet <https://vendornet.wi.gov/Contracts.aspx>; search for "hazardous

waste service), unless otherwise directed in writing by DFD. The Contractor shall prepare all hazardous wastes for transport and disposal. Arrangements for disposal shall be coordinated through DFD's Project Representative. Charges for transport and disposal of hazardous waste by the State's hazardous waste service contractor will be paid directly by the State. Other materials such as soil, debris, sludge, water, etc. generated by project activities which may contain constituents exceeding federal, state, or local environmental cleanup standards must not be removed from the site, or treated and disposed on site without prior written approval of DFD. DFD will provide a list of acceptable offsite disposal or treatment facilities for disposal by Contractor. Other unused or discarded materials may be treated as solid waste. Facilities for recycle, disposal or landfill of such items shall be approved by DFD prior to removal from the site.

Waste materials generated during construction including but not limited to mortar, grout, adhesives, paints, sealants, plaster, joint compound, and the like shall be managed by the installing contractor and shall not be allowed to enter the drain system but shall be removed from the site and properly disposed of.

Dust, dirt and other foreign matter shall be removed completely from all internal surfaces of all mechanical and electrical units, cabinets, ducts, pipes, etc.

Dirt, soil, fingerprints, stains and the like, shall be completely removed from all exposed finished surfaces.

General Prime Contractor shall wash all glass within rooms available to them immediately prior to the occupancy of this project. Work shall include the removal of labels, paint splattering, glazing compound and sealant. Surfaces shall include mirrors and both sides of all glass in windows, borrowed lights, partitions, doors and side lights.

Broken, scratched or otherwise damaged glass shall be replaced by the General Prime Contractor.

In addition to the above, the General Prime Contractor shall be responsible for the general "broom" cleaning of the premises and for expediting all of the cleaning, washing, waxing and polishing required within the technical sections of the specifications governing work under this Contract. The General Prime Contractor shall also perform "final" cleaning of all exposed surfaces to remove all foreign matter, spots, soil, construction dust, etc., so as to put the project in a complete and finished condition ready for acceptance and use intended.

If rubbish and debris is not removed, or if surfaces are not cleaned as specified above, DFD reserves the right to have said work done by others and the related cost(s) will be deducted from monies due the Contractor.

33. OPERATING AND MAINTENANCE MANUALS AND INSTRUCTIONS

Contractor shall provide Agency Staff with two (2) sets of the O&M data for each device, piece of equipment and assembly furnished and/or installed under this contract. Format shall be paper, indexed and labeled and bound in three-ring binders. In addition to the hard copies provide electronic (PDF) copies of the O&M manuals to the AE. Also include, the electronic media (CD or flash drive) in 3 hole vinyl holders in binders.

The O&M manuals shall include the following:

- Table of Contents
- Contact information (including emergency contact number) for installing contractor, original vendor manufacturer and service provider
- Copy of approved submittals
- As-built control drawings and sequences of operations
- Catalog data or literature with correct model number checked
- Manufacturer's installation and operation instructions including start-up, break-in, shutdown, seasonal, emergency and special operation procedures

- 1 • Manufacturer's maintenance instructions including procedures and instructions for problem
- 2 corrections, preventive maintenance, testing, alignment, adjustment and repair
- 3 • Complete parts list in an exploded view diagram of the equipment
- 4 • Construction Verification Checklists
- 5 • Inspection and testing reports
- 6 • Maintenance records indicating maintenance performed by contractor prior to substantial
- 7 completion
- 8 • Equipment warranties including terms and conditions and date of inception (substantial
- 9 completion) and date of expiration
- 10 • List of special tools or testing equipment required for the operation, testing or maintenance of the
- 11 equipment
- 12 • For items assembled by the Contractor for special functions, write operating and maintenance
- 13 instructions
- 14

15 Contractor shall submit to A/E for review, make revisions noted by A/E and provide final O&M data for
16 A/E's review 30 business days prior to training. Any revisions or changes to the systems and/or equipment
17 post delivery of the final O & M data submittal must be submitted to A/E as an addendum within 30 days
18 of the revision or change.

19 20 **34. TESTS AND ADJUSTMENTS**

21 The complete installation consisting of the several parts and systems and all equipment installed according
22 to the requirements of the Contract Documents, shall be ready in all respects for use by the User Agency
23 and shall be subjected to a test at full operating conditions and pressures for normal conditions of use.

24
25 Contractor shall make all necessary adjustments and replacements affecting the work which is necessary to
26 fulfill DFD's requirements and to comply with the directions and recommendations of the manufacturer of
27 the several pieces of equipment, and to comply with all codes and regulations which may apply to the entire
28 installation. Contractor shall also make all required adjustments to comply with all provisions of the
29 drawings and specifications.

30 31 **35. LOOSE AND DETACHABLE PARTS**

32 Contractor shall retain all loose and small detachable parts of apparatus and equipment furnished under this
33 Contract, until completion of the work and shall turn them over to DFD's Project Representative designated
34 to receive them. Contractor shall obtain from DFD an itemized receipt thereof in triplicate. Contractor
35 shall retain one copy of receipt for their files and attach the other two to request for final payment for the
36 work.

37 38 **36. EROSION CONTROL AND STORM WATER MANAGEMENT**

39 In accordance with state law, where applicable, and what the Department of Administration believes to be
40 good soil conservation practices and pollution prevention, the General Prime Contractor shall be governed
41 by the following:

42
43 The General Prime Contractor hereby covenants to maintain all project grounds, public streets and
44 associated areas, including fill areas in a manner consistent with state laws and the general policy to
45 conserve soil and soil resources, and to control and prevent soil erosion and to control and prevent siltation
46 into waters of the state. This clause is to be liberally construed to further the above stated objectives. The
47 following shall include, but not limit areas in which control is to be executed:

48
49 Erosion Control Plan: Implement the erosion control plan developed for the project and maintain erosion
50 control practices throughout the construction period. Modifications to the erosion control plan, addressing
51 phases of construction shall be the responsibility of the General Prime Contractor. Erosion control
52 practices that are compromised as the result of construction activity shall be returned to their functioning
53 state by the end of the current work day. Where applicable, erosion control practices shall comply with
54 Chapters NR 151 and 216, Wis. Adm. Code.

1
2 Minimum Stripping: Limit stripping of sod and vegetation and limit land disturbance to an area and a time
3 period that will expose bare soil to least possibility of erosion that construction requirements will allow.
4

5 Stockpiling: Materials, including soil, shall be stored and protected in a manner that will prevent runoff of
6 material from the stockpiles into streets, drainage facilities, storm sewer systems, or waters of the state in
7 the event of rain.
8

9 Soil Erosion and Erodible Materials: Take positive measures to prevent soil erosion from the construction
10 area and areas disturbed by construction activities by employing such means as seed and mulch, mulches,
11 intercepting embankments and berms, sedimentation basins, ditch checks, riprap, erosion mats, silt fence,
12 approved polyacrylamides, inlet protection, or other temporary erosion control devices or methods.
13

14 Record Keeping: Maintain a copy of the current erosion control plan on site. Maintain maintenance records
15 and inspection logs on-site for erosion control and storm water management practices. Contractor shall
16 provide project representative with a weekly maintenance and inspection report.
17

18 Street Maintenance: Control the tracking of soil onto street and paved surfaces to a minimum. Any such
19 tracking shall be removed no less than on a daily basis.
20

21 Storm Water Management: Practices installed for post-construction storm water management shall be
22 protected during construction activity, and in the event that their intended function becomes compromised
23 during construction activity, shall be restored and/or repaired according to Chapters NR 151 and 216, Wis.
24 Adm. Code, for post-construction storm water management.
25

26 Erosion control and storm water management practices shall be installed and maintained in accordance
27 with the WDNR approved technical standards available at the following website:
28 <https://dnr.wisconsin.gov/topic/Stormwater/standards>
29

30 Responsibility and authority for inspections are vested in the Department of Administration through the
31 Division of Facilities Development.
32

33 Responsibility and authority for maintaining records for NR 216 is the responsibility of the General Prime
34 Contractor.
35

36 **37. AIR QUALITY MANAGEMENT**

37 In accordance with the Department of Administration's air quality management practice on Ozone Action
38 Days, all contractors shall reduce or limit emissions and particulate matter that adversely affect air quality.
39

40 The General Prime Contractor shall establish the action plan, in cooperation with other contractor(s),
41 concerning implementation of air quality management on Ozone Action Days. This plan shall include
42 suspending work or modifying operations for all activities related to ozone, volatile organic compounds
43 (VOC) and nitrogen oxide emissions. These work activities include but are not limited to the following:
44

45 Limit equipment and vehicle refueling to after 6 pm.

46 Limit use of gasoline-powered vehicle and equipment.

47 Limit excessive idling of diesel-powered vehicle and equipment.

48 Limit large scale painting with VOC.

49 Limit large scale asphalt roofing and paving.

50 Limit and/or control all dust creating activities.

51 For information on air quality readings on Ozone Action Days refer to:

52 1-866-324-5924; or

53 <https://dnr.wisconsin.gov/topic/AirQuality/Ozone.html>
54

1 **38. CONSTRUCTION WASTE MANAGEMENT**

2 See Section 01 74 19 – Construction Waste Management.

4 **39. GUARANTEE DOCUMENTS**

5 Upon Substantial Completion of project, the General Prime Contractor shall submit such written guarantees
6 and bonds to DFD for presentation to the User Agency. Furnish guarantees in triplicate unless otherwise
7 indicated.

9 **40. RECORD DOCUMENTS**

10 On a suitable set of Contract Documents, the contractor is to maintain a daily record of changes and
11 deviations from the contract. All buried or concealed piping, conduit, or similar items shall be located by
12 dimensions and elevations on the record drawings.

14 The daily record of changes shall be the responsibility of Contractor's field superintendent. No arbitrary
15 mark-ups will be permitted.

17 Once during the month the Contractor shall present, at the project, the job copy showing variations and
18 changes to date to the Architect/Engineer and DFD Project Representative for their review.

20 At substantial completion of the project, the Contractor shall transmit the marked up as-built documents to
21 the Architect/Engineer and copy the DFD Project Representative on the transmittal of the documents. The
22 A/E will incorporate the contractor marked up as-built drawings into the record drawings.

24 In addition to providing marked up drawings to the AE, the contractor shall provide (when available)
25 electronic drawing drawings for all contractor generated drawings to the AE. Drawing shall include but not
26 be limited to:

- 27 • Contractor coordinated BIM models
- 28 • Fabrication, erection and installation drawings for:
 - 29 ○ Ductwork and piping
 - 30 ○ Steel
 - 31 ○ Concrete
 - 32 ○ Special process systems
 - 33 ○ Lighting controls
 - 34 ○ Telecommunications
- 35 • DSPS approved submittals for:
 - 36 ○ Fire Protection
 - 37 ○ Fire Alarm

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SECTION 01 33 00
ELECTRONIC SUBMITTAL PROCEDURES
BASED ON DFD MASTER SPECIFICATION DATED 06/25/2015

PART 1 - GENERAL

SCOPE

This section includes requirements for the submittal log and administrative and procedural requirements for electronically submitting Fabrication Drawings, Product Data, Samples and other submittals. Included are the following topics:

PART 1 – GENERAL

- Scope
- Reference
- Related Work
- Definitions
- Administrative Requirements

PART 2 – PRODUCTS

- Submittal Management System

PART 3 – EXECUTION

- Submittal Management System
- Contractor's Review
- Architect/Engineer's Action
- Closeout Documentation

REFERENCE

Applicable provisions of Division 01 govern work under this section.

RELATED WORK

SUBMITTALS NOT COVERED BY THIS SECTION INCLUDE:

General Conditions of the General Prime Contractor Contract articles:

“Equals and Substitutions” regarding substitution requests.

“Payment to General Prime Contractor” regarding Applications for Payment and the schedule of values.

“Scheduling and Coordination of Work” regarding schedules and reports, including Contractor's construction schedule.

“Final Completion and Final Payment” regarding project closeout and final pay submittals.

“Quality Control and Inspection” and “Reports, Records and Data” regarding scheduling and reporting of tests and inspections.

Division 01 General Requirements articles:

"Operation and Maintenance Manuals and Instructions" regarding operation and maintenance manuals.

"Record Documents" regarding record Drawings, record Specifications, and record Product Data.

Other:

“01 74 19 Construction Waste Management” regarding construction waste management submittal requirements.

“01 81 13 Sustainable Building Requirements” regarding sustainable building submittal requirements.

“WisBuild” regarding contractual submittal requirements.

DEFINITIONS

Submittals: All written and graphic information and physical samples demonstrating compliance with Contract Documents that require Architect/Engineer's review including but not limited to the following: design data, pre-engineered systems certification, product data, product schedule, samples, fabrication drawings, tests and certifications submittals. The terms “Submittals” and “Shop Drawings” may be used interchangeably.

ADMINISTRATIVE REQUIREMENTS

Coordination: Provide adequate submittal processing time to allow completion of the entire project within the time specified in the Contract Documents. Coordinate preparation and processing of submittals with Project Schedule, including:

1. Review by Architect/Engineer, revision by contractor, if returned by Architect/Engineer, and review of resubmittal.
2. Ordering, manufacturing, fabrication, delivery, installation, and related activities, including required construction sequencing per the construction schedule.

Electronic Submittals: Identify and incorporate information in each electronic submittal file as follows:

1. Assemble each submittal into a single, separate, PDF file.
2. Include Request for Submittal Approval form DOA-4523 as first page of file. Identify features of the submittal which may not be in conformance with contract document requirements.
3. For large submittals, include bookmarks within file to navigate through file.
4. Name file with submittal number or other unique identifier, using Specification Section Number-Submittal Name-Submittal Sequence Number (e.g. 081100-Doors-6).
5. Resubmittals: Make resubmittals in same form and number of copies as initial submittal. Resubmittals shall include the letter "R" and a number inciting the resubmittal number (081100-Doors-6-R1).

PART 2 - PRODUCTS

SUBMITTAL MANAGEMENT SYSTEM

Vendors: Aconex, CMiC, Newforma, Primavera, Procore, Prolog, Submittal Exchange

Provide an electronic tracking and management system capable of storing and displaying a Submittal Log and all project Submittals. The Submittal Log and all Submittal information must be printable and continuously accessible via the Internet by the General Prime Contractor, Subcontractors, Suppliers, Architect/Engineer and DFD with password controlled accessibility and permissions. Provide uploading and editing capabilities for the General Prime Contractor, Subcontractors and Architect/Engineer and viewing capabilities for DFD.

Provide online training and live technical support for system users.

The Submittal Log must automatically enter the date submittals are uploaded or edited, the name of the person taking action and issue E-Mail notifications to the parties who must next act on the submittal. The Submittal Log must identify submittal due dates and those submittals that are on the critical path of the construction schedule and highlight any submittal that is beyond its schedule requirement.

SUBMITTAL LOG: The Submittal Log must include each anticipated submittal, sortable by initial submittal date and by division of work. It must also include the following information for each submittal, arranged in tabular form in the following sequence. (See attached sample Submittal Log pages SL-1 through SL-X)

1. Project name
2. DFD Project number
3. Contractor Name
4. Specification Section Number
5. Specification Section Title
6. Submittal Description
7. Responsible Contractor or Subcontractor
8. Date of Initial Submittal Required to Meet Project Schedule
9. Date of Final Release or Architect/Engineer Approval Required to Meet Project Schedule
10. Date Initial Submittal Received by Architect/Engineer
11. Date of Initial Response from Architect/Engineer
12. Architect/Engineer Action on Initial Submittal
13. Date Resubmittal Received by Architect/Engineer (if Applicable)
14. Date of Resubmittal Response from Architect/Engineer (if Applicable)
15. Architect/Engineer Action on Resubmittal (if Applicable)

16. Remarks

SUBMITTALS:

Provide Submittals for the following Submittal Types.

Product Data: Provide Product Data information in a single submittal for each element of construction and type of product or equipment. Include the following information, as applicable:

1. Manufacturer's catalog cuts.
2. Manufacturer's product specifications.
3. Standard color charts.
4. Dimensions.
5. Materials of construction.
6. Statement of compliance with specified referenced standards.
7. Testing by recognized testing agency.
8. Application of testing agency labels and seals.
9. Notation of coordination requirements.
10. Availability and delivery time information.
11. Wiring diagrams showing factory-installed wiring.
12. Capacities and operational characteristics.
13. Performance and operating criteria, ratings and curves.
14. Operational range diagrams.
15. Clearances required to other construction, if not indicated on accompanying Fabrication Drawings.

Product Schedule: As required in individual Specification Sections, prepare a written summary indicating types of products required for the Work and their intended location. Include the following information in tabular form:

1. Type of product, including a unique identifier for each product indicated in the Contract Documents, or as assigned by Contractor, if none is indicated.
2. Manufacturer and product name, and model number if applicable.
3. Number and name of room or space.
4. Location within room or space.

Fabrication Drawings: Project-specific Fabrication Drawings, drawn accurately to scale. Do not base Drawings on reproductions of the Contract Documents or standard printed data. Fully illustrate requirements of the Contract Documents, including the following information, as applicable:

1. Identification of products.
2. Schedules.
3. Dimensions.
4. Materials of construction.
5. Compliance with specified standards.
6. Notation of coordination requirements.
7. Notation of dimensions established by field measurement.
8. Relationship and attachment to adjoining construction clearly indicated.
9. Seal and signature of design professional if specified.

Except for templates, patterns, and similar full-size drawings, submit Fabrication Drawings on sheets at least 8-1/2 by 11 inches, but no larger than 30 by 42 inches .

Samples: Samples include, but are not limited to, the following: partial sections of manufactured or fabricated components; small cuts or containers of materials; complete units of repetitively used materials; swatches showing color, texture, and pattern; color charts, color range sets; and components used for independent testing and inspection. The electronic Submittal Management System is not intended for transmitting samples.

Submit manufacturer's color charts consisting of units or sections of units showing the full range of colors, kind, textures, and patterns available for a check of these characteristics with other elements and for comparison to actual component as delivered and installed.

1 Submit full-size units or Samples of size indicated, prepared from same material to be used for the Work, cured and
2 finished in manner specified, and physically identical with material or product proposed for use, and that show full
3 range of color and texture variations expected.

4
5 Where variation in color, pattern, texture, or other characteristic is inherent in material or product represented by a
6 Sample, submit at least three sets of paired units that show approximate limits of variations

7
8 Attach label on unexposed side of Samples that includes the following:

- 9 1. Generic description of Sample.
- 10 2. Product name and name of manufacturer.
- 11 3. Sample source.
- 12 4. Number and title of applicable Specification Section.
- 13 5. Specification paragraph number and generic name of each item.

14
15 Transmit Samples that contain multiple, related components such as accessories together in one submittal package.
16 Provide corresponding electronic submittal of Sample transmittal, digital image file illustrating Sample
17 characteristics, and identification information for record.

18
19 Tests and Certifications Submittals: Provide a statement that includes signature of entity responsible for preparing
20 certification. Certificates and certifications shall be signed by an officer or other individual authorized to sign
21 documents on behalf of that entity; provide notarized statement on original paper copy certificates and
22 certifications, where indicated.

23
24 Design Data: Prepare and submit written and graphic information, including, but not limited to, performance and
25 design criteria, list of applicable codes and regulations, and calculations. Include list of assumptions and other
26 performance and design criteria and a summary of loads. Include load diagrams if applicable. Provide name and
27 version of software, if any, used for calculations. Include page numbers.

28
29 Pre-engineered Systems Certification: Submit electronic files of certificate, signed and sealed by the responsible
30 design professional, for each product and system specifically assigned to Contractor to be designed or certified by a
31 design professional.

- 32 1. Indicate that products and systems comply with performance and design criteria in the Contract
33 Documents. Include list of codes, loads, and other factors used in performing these services.

34 35 **PART 3 - EXECUTION**

36 37 **ELECTRONIC SUBMITTAL MANAGEMENT SYSTEM**

38 Establish the electronic submittal management system upon contract award and maintain the system for the duration
39 of the General Prime Contractor's contract. Develop a list of project users and user permissions and update
40 throughout the project when needed. Provide users with passwords, directions for accessing, uploading, editing and
41 technical support resources.

42
43 **SUBMITTAL LOG:** Establish and maintain the project submittal log in the Submittals Management System.

44
45 Provide a printed submittal log at the Pre-Construction Meeting. List all known submittals: be particularly mindful
46 of submittals required to maintain orderly progress of the Work and the Project Schedule over the first 60 calendar
47 days of the project or that are need early submission and response due to long lead time for manufacture, fabrication
48 or delivery.

49
50 Complete submittal entries in the submittal log within 60 calendar days of project Notice to Proceed, including
51 listing submittals for all work activities through project completion.

52
53 Update the submittal log weekly to reflect changes in submittal status, submission & reply dates or other
54 information. Provide a printed submittal log for review along with project schedule at construction progress
55 meetings. Maintain electronic access to the submittal log at the construction site at all times.

SUBMITTALS: Reference Division 01, General Conditions of the General Prime Contractor Contract, Submittals, for submittal requirements in addition to the following.

Prepare and submit submittals required by individual Specification Sections and Part 2 above. Group submittals for related parts of the Work together so processing will not be delayed due to need for concurrent review for coordination. Architect/Engineer reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received

Enter and maintain submittals in the electronic Submittals Management System, except those not able to be digitally transmitted, such as samples or documents required to be original.

On an attached separate sheet prepared on Contractor's letterhead, record relevant information, requests for data, and revisions other than those requested by Architect/Engineer on previous submittals.

Partial submittals prepared for a portion of the Work will be reviewed when use of partial submittals has received prior approval from the Architect/Engineer.

Incomplete submittals are unacceptable, will be considered nonresponsive, and will be returned for resubmittal without review.

The General Prime Contractor is responsible for review and approval of subcontractor and supplier submittals prior to forwarding to Architect/Engineer. Architect/Engineer will not review submittals received from sources other than the General Prime Contractor.

Maintain a current set of submittals and access to electronic access at the construction site at all times.

Product Data: Collect information into a single submittal for each element of construction and type of product or equipment. Submit before or concurrent with Samples. If information must be specially prepared for submittal because standard published data are not suitable for use, submit as Fabrication Drawings, not as Product Data.

Samples: Submit Samples per Part 2 above. Provide corresponding electronic submittal of Sample transmittal, digital image file illustrating Sample characteristics, and identification information for record.

Maintain sets of approved Samples at Project Site, available for quality-control comparisons throughout the course of construction activity. Sample sets may be used to determine final acceptance of construction associated with each set.

Samples may be incorporated into the Work if so indicated in individual Specification Sections. Such Samples must be in an undamaged condition at time of use. Samples not incorporated into the Work, are otherwise designated as Owner's property.

Submit a single Sample where assembly details, workmanship, fabrication techniques, connections, operation, and other similar characteristics are to be demonstrated.

Performance Design: Where performance design services or certifications by a design professional are required, provide components, products, assemblies and systems complying with specific performance and design criteria indicated. Include design professional certifications, signature and seal; calculations, the list of codes and standards the design complies with and other factors used in performing these services.

Tests and Reports: Submit test and inspection reports where required with date of test or inspection, name of firm and individual performing the test or inspection.

RESUBMITTALS: Contractor shall contact Architect/Engineer directly to resolve issues prior to making a resubmittal.

1 **CONTRACTOR'S REVIEW**

2 Review each submittal and check for coordination with other Work of the Contract and for compliance with the
3 Contract Documents. Make corrections necessary for coordination and compliance prior to submitting.

4
5 Stamp each submittal with a dated and signed approval stamp before submitting to Architect/Engineer.

6
7 **ARCHITECT/ENGINEER'S ACTION**

8 Architect/Engineer will review each submittal, make marks and/or provide written comments to indicate corrections
9 or revisions required, and return it. Architect/Engineer will stamp each submittal with an action stamp and will
10 mark stamp appropriately to indicate action.

11
12 **CLOSEOUT DOCUMENTATION**

13 Prior to project closeout, submit a complete set of project submittals and the submittal log in PDF format on CD,
14 DVD, USB flash drive or downloadable link to the DFD Project Representative.

15
16 **END OF SECTION**

SECTION 01 74 19
CONSTRUCTION WASTE MANAGEMENT
BASED ON DFD MASTER SPECIFICATION DATED 01/01/2022

SCOPE

This Section addresses and specifies salvaging, reusing, recycling and disposing of all project Construction Waste.

Part 1 - General

- Related Work
- Definitions
- Diversion Goal
- Submittals
- Construction Waste Management Plan

Part 2 – Products Not Applicable

Part 3 - Execution

- Construction Waste Management Implementation

PART 1 - GENERAL

RELATED WORK

Other Applicable provisions of Division 01 shall govern all work under this Section.

General Requirements Article 5: *Hazardous Substances*

General Requirements Article 32: *Cleaning and Waste Disposal*

DEFINITIONS

Clean: Untreated and unpainted; not contaminated with oils, solvents, sealant (caulk), or the like.

Construction Waste: An umbrella term for construction, demolition and remodeling solid waste, typically including extra building materials, rubble & material that has reached the end of its useful life for its intended use, packaging, trash & debris incidental to the project construction. Construction Waste includes salvageable, returnable, recyclable, and reusable material.

Diversion Goal: Percentage of Construction Waste material (by weight or by volume) which is intended to be reused, recycled, returned or otherwise salvaged and thus diverted from landfill.

Hazardous Waste: Waste that is ignitable, corrosive, toxic and/or reactive and poses substantial or potential threats to public health or the environment. Hazardous Waste is not recyclable and not included when calculating Diversion Goal or percentage and shall be disposed of according to the General Requirements.

Landfill Tipping Fees: Monies paid for burying non-recyclable Waste in the landfills.

Recycle: To sort, clean, treat & reconstitute or remanufacture Construction Waste materials for reuse in the same form or some altered form. Recycling does not include burning, incinerating, or thermally destroying waste.

Return: To give back reusable items or unused products to vendors for credit.

Reuse: To reuse a Construction Waste material on the project site.

Scrap Revenue: Monies received by the hauler for recyclable materials.

Trash: Non-hazardous products or materials unable to be reused, returned, recycled, or salvaged.

Data Logging Program: Online reporting tool for construction waste management, accessed through the DFD WisBuild project website or directly at the program's website. WasteCap Resource Solutions manages the DFD's program on ReTRAC Connect. Contractors bear no cost for using ReTRAC. Information about the DFD's program on ReTRAC can be found by contacting WasteCap Resource Solutions.

DIVERSION GOAL

Divert 75% by weight or volume of total waste generated through Substantial Completion.

SUBMITTALS

The General Prime Contractor shall develop and compile the following Construction Waste Management (CWM) project information in cooperation with all Contractors and subcontractors:

- **CWM Plan:** Required prior to commencing demolition, construction or waste removal activities and no later than 15 days after Notice to Proceed.
- **CWM Progress Reports:** Required monthly or with each Request for Payment. Progress Report shall include the quantity of each material recycled, reused, or salvaged, the receiving party, and the applicable diversion rates. Contractor shall maintain a record of related weight tickets, manifests, receipts, and invoices for review by DFD upon request.
- **CWM Final Report:** At Substantial Completion, the General Prime Contractor shall submit a Final Report summarizing total waste and trash quantities and rates for all Contractors over the course of the project.

CWM Plan and Report information above shall be available from the General Prime Contractor upon request.

CONSTRUCTION WASTE MANAGEMENT (CWM) PLAN

The CWM Plan shall include, but is not limited, to the following:

- **Schedule** - Include milestones and key reporting dates of construction waste management.
- **Trash Materials List** - Include estimated quantities and types of materials expected to be discarded as trash.
- **Diverted Materials List** - Include estimated quantities and types of Construction Waste materials anticipated to be salvaged, reused, returned or recycled. Identify applicable markets for reuse and/or recycling. At a minimum, include scrap metal and all other materials required by statute or regulation to be recycled (e.g., cardboard, cans, bottles, office paper, fluorescent tubes, refrigerants, mercury, etc.). Other recyclable materials may include, but are not limited to:
 - Aluminum Cans, Straps, and Sheet: Recycle as metal.
 - Asphalt: Break up and transport to asphalt-to-asphalt recycling facility, or recycle on site.
 - Brick: Can be reused whole, or crushed for use as landscape cover, sub-base material or fill.
 - Building Components and Fixtures: Windows, doors, cabinets, hardware, plumbing and electrical fixtures may be salvaged. Porcelain plumbing fixtures may be crushed for fill.
 - Carpet and Carpet Pad: Carpet may be able to be reused or recycled if sufficient quantities are generated. Store clean, dry carpet and pad in a closed container or trailer.
 - Ceiling Panels: Ceiling panels may be able to be recycled if sufficient quantities are generated. Sort by size, palletize, and shrink-wrap for shipment to and recycling by a ceiling tile manufacturer.
 - Concrete, Precast Concrete: Can/may be able to crushed and graded for use as riprap, aggregate, sub-base material, or fill. Remove steel reinforcement and other metals and recycle with other metals. Neutralize alkalinity of concrete fill if planting above.

Concrete Block: Can be reused whole, or crushed for use as sub-base material or fill, used as concrete aggregate.

Corrugated Cardboard and Paper: Separate for recycling into new paper products. Painted, waxed or muddy cardboard or paper is unsuitable for recycling and should be discarded.

Dimensional Lumber, Oriented Strand Board, Plywood, Crates, and Pallets: Large pieces can be reused. Wood unsuitable for reuse may be used to manufacture particleboard and other composite wood products, chipped or shredded for use as animal bedding, landscape use, groundcover, mulch, compost, pulp, or process fuel. Painted or treated wood may not be recycled. Some recyclers have equipment to remove nails.

Doors and Hardware: May be reused. Brace open end of door frames and leave door hardware attached to doors, except for removing door closers,.

Glass Containers: Recycle as glass.

Gypsum Board: Clean Standard, Type X, and Plaster Base (standard blue board) drywall, free of tape, joint compound, paint, nails, screws, or other contaminants may be processed and spread as a soil amendment. (Gypsum wallboard WR (green), Sheathing (brown/black), Mold Resistant Panels or Specialty Type X cannot be used due to additives unsuitable in soil amendments.)

Land Clearing Brush and Logs: Can be chipped or shredded for use as ground cover, mulch, compost, pulp, or process fuel. Larger branches or logs may be used as raw material for various products or other purposes.

Lighting Fixtures: Separate lamps by type and protect from breakage.

Metals, Ferrous and Nonferrous: Separate for recycling: banding, castings, ceiling grid, copper and other metal pipe, conduit and accessories, ductwork, extruded metals, rebar and metal stud cut-offs, roofing and sheet metals, miscellaneous steel shapes, miscellaneous metal parts, structural steel.

Piping: If separated for reuse, reduce piping to straight lengths and store with joints, accessories and other components by type and size.

Vinyl: Siding, window extrusions, floor tiles, and sheet flooring may be able to be separated for recycling into new vinyl products.

- **Separation and Materials Handling Services and Equipment:** Description of how Construction Waste materials will be separated, cleaned (if necessary), protected from contamination and diverted, and the entity who will perform those services.
- **Documentation Procedures: Description of the method of collecting data and document materials reused on site, leaving the project site as trash, or diverted for recycling. All diversion and waste by all contractors and subcontractors on the project must be incorporated into the CWM Progress Reports.**
- **Educational and Motivational Procedures:** Means and methods the General Prime Contractor will employ to ensure full participation of all project construction personnel in CWM Plan activities. These might include periodic meetings, demonstrations, incentive/reward programs, etc.
- **Construction Waste Auditing Procedures:** Methods of monitoring and enforcing adherence to CWM Plan.

PART 2 – PRODUCTS (Not Applicable)

1 **PART 3 – EXECUTION**

2
3 **CONSTRUCTION WASTE MANAGEMENT IMPLEMENTATION**

4 The General Prime Contractor is responsible for implementing the Construction Waste management
5 requirements specified herein and shall designate a Waste Manager to coordinate and monitor the
6 waste management activities of all Contractors and subcontractors, including coordination of
7 separation, handling, recycling, salvage, reuse, and return methods used by all project construction
8 personnel.

9
10 Contractors and subcontractors who do their own recycling shall report all applicable Construction
11 Waste recycling and Trash amounts to the General Prime Contractor as needed to support the
12 development of the CWM Plan and Progress and Final Reports.

13
14 The General Prime Contractor shall also provide:

- 15 • **Education and Instruction:** General Prime Contractor shall provide on-site instruction as
16 described in the CWM Plan to engage all construction personnel in separation, handling,
17 recycling, salvage, reuse, and return methods throughout the project.
- 18 • **Separation Facilities:** General Prime Contractor shall lay out and identify a specific area on
19 the site and shall provide sorting bins for separating materials for recycling, salvage, reuse, and
20 returns. The General Prime Contractor shall clearly identify the recycling area and sorting bins
21 with durable signs and shall keep it neat and clean to avoid contamination of materials.

22
23 Acceptable sorting methods are:

- 24 —Sorting recyclable materials at the Project site and transporting them to recycling markets
25 directly from the Project site.
- 26
27 —Employing haulers who make use of a materials-recovery facility or a transfer station where
28 recyclable materials are sorted from the waste and recycled before disposing of the
29 remainder. If using a hauler or recycling facility to sort out recyclables, verify that the hauler
30 sorts out all construction waste loads and is not limited to those that are not acceptable at the
31 landfill. Verify that the hauler or recycling facility recycles at least three types of materials.

END OF SECTION

SECTION 01 91 01
COMMISSIONING PROCESS
BASED ON DFD MASTER SPECIFICATION DATED 03/01/14

PART 1 - GENERAL

SCOPE

This section includes specifications for the implementation, tracking and verification of the commissioning process. Included are the following topics:

PART 1 - GENERAL

- Scope
- Commissioned Systems
- Reference
- Definitions
- Submittals

PART 2 - PRODUCTS

- Equipment

PART 3 - EXECUTION

- Meetings
- Scheduling
- Issues List
- CxP Site Visits
- Construction Verification
- Functional Performance Testing
- Operation and Maintenance Data
- Agency Training

COMMISSIONED SYSTEMS

- Division 03 - Concrete
- Division 04 - Masonry
- Division 07 - Thermal and Moisture Protection
- Division 21 - Fire Suppression
- Division 22 - Plumbing
- Division 23 - HVAC
- Division 26 - Electrical
- Division 27 - Communications
- Division 28 - Electronic Safety and Security
- Division 33 - Utilities

REFERENCE

Applicable provisions of Division 01 govern work under this section. Note in particular:

- General Conditions, Article 15 – Quality Control & Inspection
- General Requirements, Article 33 – Operating and Maintenance Manuals and Instructions

DEFINITIONS

Commissioning (Cx): The process of ensuring that systems are designed, installed, functionally tested and performing in conformity with the Owner's Project Requirements and that the building operator has received complete equipment and systems documentation and training.

Commissioning Provider (CxP): The entity identified by the DFD Project Manager to lead, monitor, coordinate and report on project commissioning activities. The commissioning provider may be the project A/E (most common), an independent third party or DFD.

Construction Verification: A quality control verification process performed by the installer as building assemblies, components, equipment and systems are being installed which documents that the materials,

1 installation procedures, interfaces with other trades, start-up, testing and operation are correct, complete, in
2 compliance with contract documents and manufacturer's recommendations and are ready for functional
3 performance testing.

4
5 Functional Performance Tests (FPT): Contractor testing of installed building assemblies, components,
6 equipment, systems and interfaces which confirms correct performance through all operating modes and
7 compliance with contract documents and manufacturer's recommendations.

8 9 **SUBMITTALS**

10 Reference the General Conditions of the Contract for submittal requirements.

11 12 **PART 2 – PRODUCTS**

13 14 **EQUIPMENT**

15 Provide equipment required to perform startup, checkout and testing. Equipment to be calibrated within the
16 past year and in accordance with the manufacturer's recommendations.

17 18 **PART 3 – EXECUTION**

19 20 **MEETINGS**

21 Each contractor is required to attend meetings related to commissioning (pre-construction, construction
22 progress, etc.) and have personnel requested by CxP in attendance to facilitate quality control and coordinate
23 commissioning efforts.

24
25 The CxP will present an overview of the project's commissioning process at the pre-construction meeting.
26 The commissioning team members will be identified and their responsibilities reviewed.

27
28 At subsequent meetings, contractors are to provide a review of project progress, a report on the status of
29 issues, commissioning tasks and scheduling for future commissioning tasks.

30 31 **SCHEDULING**

32 Reference General Conditions Article 13 for Contractor responsibilities for scheduling. Each contractor shall
33 provide the Contractor a detailed schedule and regular updates of commissioning tasks for incorporation into
34 the project schedule.

35 36 **ISSUES LIST**

37 Each contractor is responsible for completing action items in a timely manner that are noted in the Issues List
38 as their responsibility. Timely response and successful completion are a requirement to avoid withholding of
39 payment.

40 41 **CxP SITE VISITS**

42 Commissioning is a team effort requiring the cooperation of all parties. Contractors are to proactively carry
43 out their commissioning responsibilities and are to assist the CxP during site visits in performing
44 commissioning tasks. This includes providing access to and demonstrating the installation, operation, and
45 testing of commissioned systems; responding to CxP requests for information; carrying out proactive and
46 corrective actions; and accurate reporting on system status and conditions.

47 48 **CONSTRUCTION VERIFICATION**

49 The construction verification checklists are a formalized means to provide individual workers the criteria for
50 a successful installation, adherence to the construction documents and to easily track construction progress.

51
52 Each assembly, component, equipment, system and interface to be commissioned shall be verified by the
53 installer at the site while work is underway and documented on the construction verification checklists. The
54 contractor is responsible for successfully completing installations, documenting this on the construction
55 verification checklist forms and correcting all deficiencies.

Contractor shall periodically review the construction verification schedule with the CxP allowing advance notice of activities of 5 business days so that the CxP may witness as deemed necessary. If CxP identifies more than a 10% discrepancy rate during confirmation of construction verification, the contractor shall correct all deficiencies and revalidate all items covered by that checklist and resubmit new checklists. The cost of reconfirmation of construction verification due to equipment or construction deficiencies is the responsibility of the contractor and subject to deductive change order at DFD's discretion. Correction of deficiencies and revalidation are the responsibility of the contractor and are not subject to time extensions or delay claims.

Complete the construction verification checklists in each Division's Commissioning Section for this project and submit to the CxP for review and comment. Contractor should make multiple copies of the blank test forms as needed for duplicate items. The "Checklist Tracking ID" on the form is only applicable where a checklist tracking ID system is being used by the CxP.

FUNCTIONAL PERFORMANCE TESTING

Complete the functional performance test procedures included on the functional performance test forms in each Division's Commissioning Section on this project. Coordinate with DFD, A/E and CxP so they may witness and document test results. If the forms include a "SAMPLE" water mark then the AE will edit the forms prior to the start of testing. If forms do not include a "SAMPLE" water mark, then they are the forms that will be used for the testing.

Contractors are responsible for completion and coordination of their work with all trades prior to testing, preplanning testing procedures, performing preliminary functional performance testing using test forms, insuring necessary staff and resources are on hand and expediting testing. This includes completion of testing and balancing by the HVAC contractor required for successful functional performance testing. Failure to complete or coordinate work, preplan or have staff and resources available to carry out testing will result in retesting. Submit completed preliminary functional performance test forms to CxP for review prior to scheduling testing for witnessing.

Contractor shall coordinate functional performance testing with DFD, the A/E, CxP and Agency and notify them 5 business days prior to testing so that they may witness and document the test results. All contractors involved with specific assemblies, components, equipment, systems and interfaces shall have qualified installers and technicians present at the same time working together to perform testing and demonstrate correct performance through all operating and failure modes and compliance with contract documents and manufacturer's recommendations.

CxP shall establish sampling protocol and at the time of testing select sample test locations for identical pieces of equipment. Where simulation of conditions or altering of setpoints or values is required to achieve an operating or failure mode for testing, the contractor must receive CxP approval.

With DFD's oversight, the CxP is responsible for witnessing functional performance testing and recording the results and deficiencies. Correct minor deficiencies during testing. Deficiencies that cannot be corrected during testing will be documented and subject to retest. Retesting will continue until no deficiencies remain.

Retesting is required when testing cannot be successfully completed. Deficiencies requiring retesting include:

- Incomplete work and/or coordination with others
- Inadequate preparation of systems for testing
- Inadequate preplanning
- Inadequate staff, equipment, tools or resources for testing
- Material, equipment or construction deficiencies
- Incomplete or failed test due to reasons under the Contractor's responsibility

The cost of retesting is the responsibility of the contractor and subject to deductive change order at DFD's discretion. Correction of deficiencies and retesting are the responsibility of the contractor and are not subject to time extensions or delay claims.

1
2 **OPERATION AND MAINTENANCE (O&M) DATA**

3 Reference Division 01 General Requirements.
4

5 **AGENCY TRAINING**

6 Provide agency training using final O&M data. Training sessions to include classroom and site presentations
7 as appropriate. Demonstrate operation of systems and equipment. Review setpoints and operating parameters.

8 Demonstrate preventive and routine maintenance procedures as well as common repairs. Videotape training
9 sessions providing reasonable video/audio quality and provide final record in labeled DVD format to agency
10 along with a sign off sheet demonstrating receipt by the agency.
11

12 **END OF SECTION**