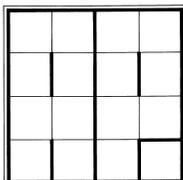


PROJECT MANUAL

NEW DIGITAL DISCUSSION SYSTEM

FOR THE WILL COUNTY OFFICE BUILDING
302 NORTH CHICAGO STREET
JOLIET, ILLINOIS
ARCHITECT'S PROJECT NO. R1513

NOVEMBER 4, 2015
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 for the Will County Office Building
 302 North Chicago Street
 Joliet, Illinois
 Architect's Project No. R1513

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DOCUMENT 00 11 16 - INVITATION TO BID

Sealed bids are invited by the County of Will for New Digital Discussion System for the Will County Office Building, 302 North Chicago Street, Joliet, Illinois, in accordance with Bidding Documents prepared by Andrew R. Partak, Jr. AIA, Architect, 14141 W. Bruns Road, Manhattan, Illinois 60442.

A. CONTRACT TYPE:

1. Project will be constructed under a prime lump-sum contract.

B. TIME AND PLACE:

1. Bids for all Work will be received until 10:00 A.M., prevailing time, Tuesday, November 17, 2015 at the Will County Office Building Purchasing Department located on the second floor at 302 N. Chicago Street, Joliet, Illinois 60431. Bids will be publicly opened and read aloud at 10:10 A.M. in the Board Room, Will County Office Building. Bids received after prescribed time will not be accepted and will be returned to Bidders unopened.

C. BIDDING DOCUMENTS:

1. Bidding Documents are available on and after Thursday, November 5, 2015 and may be examined at the Will County Office Building subsequent to that time.
2. Prime Contract Bidders only may obtain a limit of three (3) complete sets of Bidding Documents at the Will County Office Building on or after above stated date by request.
3. Bid Documents will not be issued directly to Sub-bidders.
4. Requests for E-mailed sets of Bidding Documents should be forwarded to Rita Weiss, Purchasing Director, at rweiss@willcountyillinois.com.

D. MANDATORY PRE-BID MEETING:

1. A mandatory pre-bid meeting is scheduled for 3:00 P.M. prevailing time, on Tuesday, November 10, 2015 at the Board Room of the Will County Office Building, 302 North Chicago Street, Joliet, Illinois. The Owner will be represented and will discuss and provide information relevant to Project conditions, requirements and the Bidding/Contract Documents. Prime bidders and prospective subcontractors and material suppliers are invited to attend.

E. REQUESTS FOR INFORMATION:

1. All requests for technical information regarding the project shall be directed to the Architect, Andrew Partak at apartak@yahoo.com.

E. STIPULATIONS:

1. Bid security in the amount of ten percent (10%) of the Base Bid amount proposed, must accompany bids.
2. All Prime Bidders shall complete and submit Prime Contractor Certification Form 720ILCS 5/33E. Blank forms are provided as part of the Bid Form.
3. Selected Bidder will be required to provide a satisfactory Performance Bond and Labor & Material Payment Bond covering the full performance of the Contract.
4. Selected Bidder must assure that all persons employed by Bidder, and all applicants for such employment, will not be discriminated against because of their race, creed, color, sex or national origin.
5. Selected Bidder must comply with the Will County Purchasing Ordinance (Section 1-201 (34)).
6. Selected Bidder must comply with all requirements of the Freedom of Information Act 5 ILCS 140/1 et seq. particularly section 5 ILCS 140/7(2).
7. All laborers, mechanics and other workmen employed on this project shall be paid no less than the prevailing hourly wage rate determined by the Illinois Department of Labor.
8. Owner is required to let the contract to the lowest responsible bidder and reserves the right to waive any non-material irregularity in the bid.

By: Rita Weiss, Purchasing Agent
County of Will

Date: November 5, 2015

END OF DOCUMENT 00 11 16

DOCUMENT 00 21 13 - INSTRUCTIONS TO BIDDERS

A. DEFINITIONS:

1. Bidding Documents: Consist of Invitation to Bid, Instructions to Bidders, Bid Form, other sample bidding and contract forms, and Contract Documents including duly issued Addenda.
2. Contract Documents: As defined in the General Conditions.
3. Addenda: Written or graphic instructions issued by Architect prior to enactment of Construction Contract which modify Bidding Documents.
4. Bid: Properly executed proposal to perform the Work or designated portion thereof, for remuneration as stipulated therein, submitted in accordance with the conditions and requirements of the Bidding Documents.
5. Base Bid(s): Stipulated amount stated in Bid and described in the Bidding Documents as the base amount to which amounts may be added for additional work or from which amounts may be deducted for deducted work in accordance with described Alternate Work.
6. Alternate Bid (or Alternate) [If Any]: Stipulated amount stated in Bid to be added to the Base Bid for additive Alternate Work or deducted from the Base Bid for deductive Alternate Work.
7. Unit Price: Stipulated amount stated in Base Bid as a price per unit of measurement for materials and for services as defined in Bidding Documents and which is to be utilized for calculating Change Order amounts for additional or deducted work utilizing such materials and/or services.
8. Bidder: Person or entity who submits Bid.
9. Sub-bidder: Person or entity who submits a bid to a Bidder for materials and/or services for a portion of the Work.
10. The definitions set forth in the General Conditions and the Supplementary conditions are applicable to terms utilized throughout the Bidding Documents.

B. BIDDER'S REPRESENTATIONS:

1. Submission of Bid represents that Bidder:
 - a. Has thoroughly examined and studied the Bidding Documents and fully understands the conditions and requirements thereof.
 - b. Has examined the premises of the Work, has fully investigated local conditions attendant to the Work, including applicable codes, laws and regulations, and fully understands all such conditions and has correlated such conditions with the meaning, intent and requirements of the Bidding Documents.
 - c. Has prepared and submitted Bid in full accordance with the requirements and conditions of the Bidding Documents.

C. BIDDING DOCUMENTS:

1. AVAILABILITY

- a. Copies of Bidding Documents will be issued to prospective prime bidders and will be available for examination at the Will County Office Building and at plan rooms for the use of prospective sub-bidders, as set forth in the Invitation to Bid.

2. INTERPRETATIONS/CORRECTIONS

- a. Prospective bidders and sub-bidders are requested to promptly notify Architect of any observed ambiguities, discrepancies and errors in the Bidding Documents and any inconsistencies between these documents with site and local conditions.
- b. Prospective bidders and sub-bidders requiring clarifications or interpretations of the Bidding Documents shall make requests for such, as soon as possible, but in no case less than five (5) days prior to bid date.
- c. Required interpretations, clarifications, corrections or modifications of the Bidding Documents will be made by Addendum. Such information provided in any other manner will not be binding upon the Architect or the Owner.

3. SUBSTITUTIONS:

- a. Materials, products and equipment indicated or specified in the Bidding Documents establish a standard of quality with which proposed substitutions must comply.
- b. Requests for substitutions, with supporting evidence that proposed substitute complies with quality standards set forth, must be received by the Architect not less than seven (7) days prior to bid date in order to be considered. Approved substitutes will be included in the Bidding Documents by Addendum. Architect's decision regarding approval or disapproval of proposed substitutes is final.
- c. No substitutes will be considered subsequent to receipt of bids except as specifically provided for the Contract Documents.

4. ADDENDA:

- a. Addenda will be transmitted to all holders of Bidding Documents of record and will be available for inspection wherever documents are on file. Bidders are cautioned to ascertain that they have received all issued Addenda and to acknowledge so in the spaces provided on the Bid Form.

D. BIDDING PROCEDURE:

1. FORM/SUBMISSION

- a. Bids are to be submitted in duplicate on forms provided by Architect with all appropriate blanks filled in by typewriter or manually with ink. Failure of Bidder to fully and properly fill in all appropriate blanks provided will be cause for rejection of Bid(s). All erasures, interlineations, strikeouts or alterations must be initialed by signer. Figures must be expressed both in numerals and in words. If worded figures are in conflict with numerals, worded figures will govern. Type the words "NO BID" if not bidding required multiple base bids.
- b. All requested Alternates, if any, must be bid. If Bidder proposes no change in Base Bid for specific Alternate, enter "No Change".
- c. Bids must bear legal name of Bidder and statement indicating whether Bidder is sole proprietor, partnership, corporation or other entity and must be signed by person(s) legally authorized to bind Bidder to a contract.
- d. Bids, accompanied by required bid security and other required documents, if any, must be submitted in a sealed opaque envelope addressed to the party receiving bids. The envelope shall further be identified with Project name, name and address of Bidder, designated portion of Work for which Bid is submitted, and further identified as "SEALED BID".
- e. Bids must be deposited at designated bid receiving location prior to time stated in the Invitation to Bid for receipt of Bids. Bidder bears full responsibility for timely delivery of Bid at designated location.

2. MODIFICATION/WITHDRAWAL

- a. Prior to the time designated for receipt of Bids, any Bid may be withdrawn, in person, by individual holding authority to do so by Bidder. Such withdrawn Bids may be resubmitted prior to the designated time for receipt of Bids provided that they are then in conformance with these instructions.
- b. No Bid may be withdrawn, modified or canceled for sixty (60) days subsequent to the designated time for receipt of Bids.
- c. Notification of Owner's rejection of Bids automatically nullifies such Bids. Enactment of a Contract between Owner and a Bidder automatically nullifies the Bids of all other Bidders. In either case, Bid securities will promptly be returned to Bidders.

3. BID SECURITY

- a. Bid security, in the amount stipulated in the Invitation to Bid, payable to the Owner, and in the form of a certified check, bank draft or bid bond must accompany bids. Such security will be considered a pledge that Bidder will enter into a Contract on the terms stated in Bid and will, if required by these Bidding terms stated in Bid and will, if required by these Bidding Documents, furnish bonds covering the full performance of the Contract and full payment of all obligations arising therefrom. Should Bidder, if selected, refuse to enter into Contract or fail to provide satisfactory bonds, bid security will be forfeited to Owner as liquidated damages, not as a penalty. Bid security will not be forfeited in the event that the Owner fails

to enter into a Contract.

- b. Bid securities will be returned to Bidders as soon as practical. Owner reserves the right, however, to retain bid securities of all Bidders to whom contract award is being considered until: (1) Contract has been executed; (2) Sixty [60] days after bid date; or (3) All bids have been rejected, whichever is sooner.
- c. Provide separate bid security with each base bid submitted. Form of separate bid security shall be as previously stated.

4. PRIME CONTRACTOR CERTIFICATE

- a. A completed Prime Contractor Certification (Form 720ILCS 5/33E) must accompany bids. A blank form is provided as part of the Bid Form.

E. CONSIDERATION OF BIDS:

1. OPENING:

- a. Bids will be publicly opened as stated in the Invitation to Bid. Bids will be read aloud immediately after time designated for receipt of bids and all Bidders will be provided with a tabulation of all Bids received as soon as practicable. Bidders will be notified of final disposition of Bids as soon as practical.

2. REJECTION:

- a. The Owner has the right to reject all Bids and to reject any Bid not properly conforming to the requirements of these Bidding Documents. The Owner further has the right to waive any non-material irregularities in the Bids or bidding procedures.

F. ACCEPTANCE OF BID(S) (AWARD OF CONTRACT):

- 1. The Owner intends to award Contract(s) based upon lowest Bid(s), properly submitted, commensurate with construction funds available. The lowest Bid will be considered to be the Base Bid, which combined with Alternate Bids, if any, prioritized and selected at Owner's discretion, yields the lowest sum total.

G. PERFORMANCE BOND/LABOR AND MATERIAL PAYMENT BOND

1. REQUIREMENTS:

- a. Prior to execution of Contract, selected Bidder(s) shall furnish Performance and Labor and Material Payment Bond(s) guaranteeing faithful and complete performance of the Contract(s) and the full payment of all obligations resulting therefrom, including those of Subcontractors. Said bonds must carry stipulation that, in event of conflict between the terms and provisions set forth in the bond(s) and the terms and provisions of the Bidding/Contract Documents, the terms and provisions of the Bidding/Contract Documents shall prevail. Bond(s) may be secured from Bidders selected source, the cost of which is to be included in the Base Bid. The Owner reserves the right to reject selected Bidder's source of bond(s) and to require bond(s) to be provided by a source acceptable to the Owner. In such a case, any cost differential

therefore shall be adjusted in the Contract price.

2. FORM/TIME OF DELIVERY:

- a. Bonds shall be submitted in a form acceptable to the Owner and shall be delivered to the Owner at time of enactment of Contract.

H. OWNER - CONTRACTOR AGREEMENT:

1. FORM:

- a. Form of Owner - Contractor Agreement for the Work will be AIA Document A101, Standard Form of Agreement Between Owner and Contractor, as approved by Attorneys for Owner and Contractor where the basis of payment is a Stipulated Sum.

END OF DOCUMENT 00 21 13

DOCUMENT 00 40 00 - BID FORM

TO: County of Will
302 N. Chicago Street
Joliet, Illinois

FOR: **New Digital Discussion System**
for the Will County Office Building
302 North Chicago Street
Joliet, Illinois
Architect's Project No. R1513

FROM: _____

The undersigned, having examined the premises of the Work and being fully aware of existing conditions affecting the cost of the Work, including applicable codes, regulations and statutes, and, having completely and fully examined the Bidding Documents for the subject project and having full knowledge of the conditions and requirements thereof, proposes to perform the Work, or portions thereof as indicated, in full compliance with the conditions and requirements of the Bidding Documents as follows:

A. **BASE BID A - New Digital Discussion System for the Committee Room:** Bidder agrees to perform all work associated with the New Digital Discussion System for the Committee Room, shown or specified in the Construction Documents, for the sum of:

_____ Dollars (\$_____)

B. **BASE BID B - New Digital Discussion System for the Board Room:** Bidder agrees to perform all work associated with the New Digital Discussion System for the Board Room, shown or specified in the Construction Documents, for the sum of:

_____ Dollars (\$_____)

C. **ALTERNATE BID B1 - New Digital Discussion System for the Board Room:** Bidder agrees to perform the Alternate Bid B1 work associated with the New Digital Discussion System for the Board Room, shown or specified in the Construction Documents, for the sum of:

_____ Dollars (\$_____)

D. **ALTERNATE BID B2 - New Digital Discussion System for the Board Room:** Bidder agrees to perform the Alternate Bid B2 work associated with the New Digital Discussion System for the Board Room, shown or specified in the Construction Documents, for the sum of:

_____ Dollars (\$_____)

E. **ADDENDUM RECEIPT:** Receipt of the following Addenda to the Bidding Documents and Attachments is hereby acknowledged:

No.____, dated_____ ; No.____, dated_____ ;

F. **BID SECURITY:** Bid Security, in the amount of ten percent (10%) of the Base Bid amount, in the form of _____(bid bond, certified check or cashier's check), as required by the Bidding Documents, is submitted herewith, with each bid.

1. It is understood and agreed that, if selected, should the undersigned fail to enter into a contract with the Owner or furnish acceptable contract security, (Performance and Payment Bonds acceptable to the Owner), within the specified time and manner, the bid deposit shall be retained by the Owner as liquidated damages but not as a penalty. As it is impossible to determine precisely the exact amount of damages the Owner will sustain in such instance, it is agreed that the bid deposit is a fair and equitable estimate of such damages.

G. **PRIME CONTRACTOR CERTIFICATION:** A completed Prime Contractor Certification (Form 720ILCS 5/33E), as required by the bidding documents, is submitted with this bid.

H. **STIPULATIONS:** The undersigned agrees to the following stipulations:

1. That this Bid shall be valid for a period of sixty (60) days after Bid Date.
2. That, if selected, will enter into an Agreement based upon this Bid and to submit a Performance Bond and Labor and Material Payment Bond and Certificates of Insurance within ten (10) days of receipt of notice of award.
3. That, if selected, certifies that he has not been barred from bidding on the contract as a result of a violation of either Section 33E-3, Bid-Rigging, or 33E-4, Bid Rotating, of Article 33E of Chapter 720 of the Illinois Compiled Statutes.
4. That, if selected, certifies that he complies with the Will County Purchasing Ordinance (Section 1-201 (34).

By:_____ Title_____
Printed Name of Signer

_____ Date_____
Signature

(____)_____
Telephone

ATTEST (If a Corporation)

(SEAL)

TITLE

END OF DOCUMENT 00 40 00

DOCUMENT 00 72 00 - GENERAL CONDITIONS

A. REFERENCED DOCUMENT

1. The GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AIA Document A201, 2007 edition, is hereby made a part of these Bidding/Contract Documents to the same extent as if set forth herein in its entirety. Copies of this document are available for examination at the Architect's office and may be obtained from the American Institute of Architects, 1735 New York Ave., N.W., Washington, D. C., 20006.
2. Referenced document is referred to elsewhere in the Bidding/Contract Documents as the "General Conditions".
3. These General Conditions are modified by Section 0073 00, Supplementary Conditions.
4. Certain provisions of the General Conditions are augmented by specific information and requirements set forth in other parts of the Bidding and Contract Requirements and Division 1 of the Specifications.

END OF DOCUMENT 00 72 00

DOCUMENT 00 73 00 - SUPPLEMENTARY CONDITIONS

A. DESCRIPTION

The following supplements modify, change, delete from or add to the General Conditions (2007 Edition) as referenced. Modification of any Article, or modification or deletion of any paragraph, subparagraph, sentence or clause thereof does not negate or change the full meaning and effect of unmodified and undeleted portions of such Articles, paragraphs, subparagraphs, sentences and clauses.

All provisions of the General Conditions not supplemented herein remain in full effect.

B. SUPPLEMENTS

1. ARTICLE 1 - GENERAL PROVISIONS

Add the following Subparagraph 1.2.4 to 1.2: "1.2.4: In the event that any provisions stated herein are in conflict with those stated in the General Conditions, those stated herein shall take precedence."

2. ARTICLE 2 - OWNER

Add the following Subparagraph 2.1.1.1 to 2.1.1: "2.1.1.1: The only authorized representatives of the Owner for the execution of written documents will be designated and identified upon enactment of the Owner-Contractor Agreement."

Subparagraph 2.1.2: Delete all text following the first sentence.

Add the following at the end of Subparagraph 2.2.2: " ; provided, however, that any approvals, easements, assessments, and charges required in connection with Contractor's construction means, methods, techniques, sequences or procedures are solely the responsibility of Contractor, regardless of availability of any other construction means, methods, techniques, sequences, or procedures."

Modify Subparagraph 2.3 as follows: In second line of subparagraph, delete the word "repeatedly." Add the following at the end of subparagraph: "This right shall be in addition to and not in restriction of derogation of the Owner's rights under Article 14 thereof."

Delete the following sentence from Subparagraph 2.4: "Such action by the Owner and amounts charged to the Contractor are both subject to prior approval of the Architect."

3. ARTICLE 3 - CONTRACTOR

Add the following to paragraph 3.4.1: "3.4.1.1: In the employment of labor and use of labor, the Contractor(s) shall conform to the following Acts:

- a. Illinois Prevailing Wage Act (Illinois Revised Statutes, Chapter 48, Section 39s-1--12), Public Act 86-799 which provides in part, that the Contractor(s),

Subcontractors, etc., shall pay to all laborers, workmen and mechanics performing work under the Contract, not less than the prevailing rate of wages determined by the Illinois Department of Labor.

- b. Illinois Preference Act (Illinois Revised Statutes, Chapter 48, Section 2201-2207), which provides in part, that the Contractor(s), Subcontractors, etc. shall employ only Illinois laborers on this project as determined by the Illinois Department of Labor.”

Add the following to Subparagraph 3.4.3: "The Contractor shall be responsible for any damages to property or injuries to persons caused by the failure of Contractor's employees to comply with the rules, regulations, and policies of the Owner."

Add the following to Subparagraph 3.6: "This project is exempt from State Sales Tax, Federal Excise Tax, and the cost of a Municipal Building Permit(s)."

Add the following to Subparagraph 3.7.1: Following "licenses and inspections," add the words "approvals, other than those required by the Illinois Life Safety Code,".

Delete Subparagraph 3.7.3 in its entirety.

Add the following as Subparagraph 3.18.3: "'claims, damages, losses and expenses' as these words are used in this Contract shall be construed to include, but not be limited to (1) injury or damage consequent upon the failure of or use or misuse by Contractor, its subcontractors, agents, servants or employees, of any hoist, rigging, blocking, scaffolding, or any and all other kinds of items of equipment whether or not the same be owned, furnished or loaned by Owner; (2) All attorneys' fees and costs incurred in defense of the claim or in bringing an action to enforce the provision of this indemnity or any other indemnity contained in the contract document; and (3) All costs, expenses, lost time, opportunity costs, etc. incurred by the party being indemnified or its employees, agents or consultants."

Add the following as paragraph 3.18.4: "Contractor's indemnity obligations hereunder shall, but not by way of limitation, specifically include all claims and judgments which may be made against the indemnities under federal or state law or the law of other governmental bodies having jurisdiction, and further, against claims and judgments arising from violation of public ordinances and requirements of governing authorities due to Contractor's or contractor's employees' method of execution of the work."

4. ARTICLE 4 - ADMINISTRATION OF THE CONTRACT

Modify Subparagraph 4.1.2 as follows: In last line of subparagraph, delete the word "Contractor".

Modify Subparagraph 4.1.3 as follows: Delete the words "against whom the Contractor makes no reasonable objection and".

At the end of Subparagraph 4.2.9 after the phrase "certificate for payment", add the following: "and approval of the Owner."

Delete all text following the first sentence in Subparagraph 4.2.12.

5. ARTICLE 7 – CHANGES IN THE WORK

Delete subparagraph 7.3.4 in its entirety.

6. ARTICLE 8 - TIME

In Subparagraph 8.3.1, replace “Architect determines” with “Owner determines”; replace “Architect may determine” with “Owner may determine”.

Add the following subparagraphs to Subparagraph 8.3.1: "8.3.1.1 No such extension of time shall be made for any delay unless the Contractor, within 3 days after the beginning of the delay, shall have informed the Owner in writing of the nature of the delay, its cause, and its estimated duration. The Owner will ascertain the facts regarding the delay and notify the Contractor within a reasonable time of its decision in the matter."

"8.3.1.2 No claim for damage or any claim other than for extension of time as herein provided shall be made or asserted against the Owner by reason of any delays caused by the reasons hereinabove mentioned."

Delete Subparagraph 8.3.2 in its entirety.

Delete Subparagraph 8.3.3 in its entirety.

7. ARTICLE 9 - PAYMENTS AND COMPLETION

Add the following to Subparagraph 9.3.2: "The Owner shall have no responsibility or liability to the Contractor for the safekeeping of materials and equipment stored at the site or off the site."

Modify Subparagraph 9.4.2 as follows: Delete Clause "(3)".

Add the following to Subparagraph 9.6.1: "Payment shall be made in accordance with the provisions of the *Illinois Governmental Prompt Payment Act* and interest shall be paid on unpaid sums as provided therein."

Add the following Subparagraphs to 9.6.1: "9.6.1.1: Until Substantial Completion, the Owner will pay ninety (90) percent of the amount due the Contractor on account of progress payments.

"9.6.1.2: Payments To Subcontractors By The Owner: If the Owner fails to approve an Application for Payment for a cause which the Owner determines is the fault of the Contractor and not the fault of a particular Subcontractor, or if the Contractor fails to make a payment which is properly due to a particular Subcontractor, the Owner may pay such Subcontractor directly, less the amount of the retained under his Subcontract. Any amount so paid by the Owner shall be repaid to the Owner by the Contractor in the manner set forth in Paragraph 2.4.

.1 The Owner shall have no obligation to pay, or to see to the payment of, any monies to any Subcontractor. Nothing contained in Paragraph 5.3 shall be deemed to create any contractual relationship between the Owner and any

Subcontractor against the Owner."

Delete Subparagraph 9.7.1 in its entirety.

8. ARTICLE 10 - PROTECTION OF PERSONS AND PROPERTY

In Subparagraph 10.6.1, at the last section, delete the words, "Article 15 and"

9. ARTICLE 11 - INSURANCE AND BONDS

Add the following to Subparagraph 11.1.1:

.9 The Contractor shall maintain the following limits of Insurance under this Article as a minimum, and shall include the following coverage:

1. Statutory Liability Insurance: Worker's Compensation and Employer's Liability Insurance with statutory limits as provided by the State or other political subdivision in which this Contract is performed, and Employer's Liability Insurance with a limit of not less than \$500,000.00 for all damage or bodily injury from one or more claims arising from each accident or occupational disease.

2. Comprehensive General Liability Insurance: This coverage shall be in the form of Comprehensive Liability Insurance which shall include protection against liability assumed in a "hold harmless agreement" and shall include protection against liability included in (a), (b), (c), (d), and (e) following, but not limited or restricted by insurance carrier:

(a) Operations and Premises: Liability on account of:

(1) Bodily injury to or death of persons or on account of damage to or destruction of property, resulting from execution of work provided for in this Contract; or due or arising in any manner from any omission or any act or negligence of the Contractor or any Subcontractor and their respective employees or agents including damage to adjacent property.

(2) Bodily injury to or death of Contractor or any Subcontractor or any of their respective employees or agents, due to the condition or state of repair of the premises or other property of the Owner or Architect, upon, about, or in connection with which any work incidental to the execution of this Contract is performed.

(b) Elevator Liability: Liability on account of any or all loss, damage or expense because of injury to or death of persons because of damage to or destruction of property resulting from operation of any elevator or material hoists, if either or both are operated on or in connection with Work under this Contract.

- (c) Product Liability (Including completed operations): Liability on account of any defects in materials, products or equipment installed under this Contract, which may become evident within one year after acceptance of the building including damage to building or its content.
- (d) Contractor's Protective Liability: Liability for acts or omissions of any Subcontractors the Contractor may employ.
- (e) Contractor's Contractual Liability Coverage: Each and every policy for liability insurance, carried by each Contractor and Subcontractor, as required under this Paragraph 2, shall include "Contractual Liability Coverage" endorsement and each certificate evidencing any such coverage shall indicate that the policy to which it pertains contains such endorsement.
- (f) Limits of Coverage: Policies for Comprehensive General Liability Insurance under Paragraph (a), (b), (c), (d), and (e) above shall be written in the following limits of liability:
 - (1) Bodily injury, including death resulting therefrom, \$1,000,000.00 for any one person injured or killed, and \$1,000,000.00 for any one accident or occurrence where more than one person is injured or killed.
 - (2) \$1,000,000.00 combined single limit bodily injury and property damage as a result of any one occurrence, \$2,000,000.00 aggregate limit applicable to all coverages.

3. Comprehensive Automobile Liability Insurance:

Contractor shall take out and maintain, and shall require each Subcontractor to take out and maintain, for the life of this Contract, comprehensive automobile injury liability covering owned, non-owned or hired vehicles, and including loading and unloading thereof, with limits of \$500,000.00 combined single limit for bodily injury and property damage.

NOTE: Bodily injury coverage under both comprehensive general and comprehensive automobile forms shall include "occurrence" basis wording, which means unexpectedly caused injury during the policy period.

4. Comprehensive Catastrophe Liability Policy:

Contractor shall purchase and maintain a Commercial Catastrophe Liability Policy with minimum limits of coverage of \$2,000,000.00 per occurrence for bodily injury and property damage, with a \$10,000.00 self

insured retention. This coverage will be excess above Contractor's Worker's Compensation and Employer's Liability Insurance, Comprehensive General Liability (including products and contractual) and Comprehensive Automobile Liability (including owned and non-owned vehicles).

5. Qualifications of Insurers:

No insurance required under this section of the Contract shall be carried with an insurer not authorized to do business in the state in which this Contract is performed or one who is not satisfactory to the Owner and Architect.

- .10 The Contractor shall be solely responsible for all injuries to persons or damage to property occurring on account of or in connection with the work hereunder, and shall protect, defend, indemnify and save harmless the Owner and the Architect (jointly and severally) from and against liability, loss and expense because of liability, loss and expense (including, but not limited to, loss and expense because of liability for the payment of Worker's Compensation and Employer's Liability Law) arising out of injuries (including death) to persons (including but not limited to, respective employees of the Owner, Architect and Contractor) or damage to property (including, but not limited to, property of the Owner or the Architect) occurring on account of or in connection with the work hereunder irrespective of the actual cause of the accident, and irrespective of whether it shall have been due, in whole or in part, to negligence of the Contractor or the Owner or the Architect or their respective agents, servants, or employees.
- .11 The Contractor shall purchase and maintain insurance of such types and such amounts as are necessary to cover his responsibilities and liabilities on a project of the character contemplated under this Contract, and will protect the Owner and the Architect and their agents and employees from and against all claims, damages, losses and expenses, including attorney's fees, arising out of or resulting from the performance of the work, provided that any such claim, damage, or expense: (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the Contractor, any Subcontractor or Subcontractors or anyone directly or indirectly employed by any of them or anyone for whose acts of them they may be liable, regardless of whether or not it is caused in part by a party to whom insurance is afforded pursuant to this paragraph. Contractor shall submit endorsement to the General Contractor's Liability Policy that states: Owner and Architect have been named as additional insured's; any exclusions pertaining to professional liability; and a copy of the "Other Insurance" clause.
- .12 In any and all claims against the Owner or the Architect or any of their agents or employees by any employee of the Contractor, any Subcontractor or Subcontractors or anyone directly or indirectly employed by any one of them or anyone for whose acts any of them may be liable, the insurance obligation under this paragraph shall not be limited in any way by any limitation on the amount or

type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor or Subcontractors under Worker's and Employer's Compensation and Liability Acts, disability benefit acts or other employee benefit acts.

- .13 The liability of the Contractor under the foregoing provisions is absolute and is not dependent upon any question of negligence on the part of the Contractor, or the Owner or the Architect, or their respective agents, employees, servants or Contractors. The approval by the Architect of the methods of doing the Work, or the failure of the Architect to call attention to improper or inadequate methods, or to require a change in methods or to refrain from doing any particular thing shall not excuse the Contractor in case of any such injury to persons or damage to property. The foregoing provisions are for the benefit of the Owner and architect, respectively, each of whom shall have a separate, independent and direct right of action, thereon, and for the enforcement thereof.
- .14 The insurance obligations of the Contractor under this Paragraph shall not extend to the liability of the Architect, his agents or employees arising out of (1) opinions, reports, change orders, designs or specifications, or (2) the giving of or the failure to give directions or instructions by the Architect, his agents or employees provided such giving or failure to give is the primary cause of the injury or damage.
- .15 The Contractor shall require all of his Subcontractors to carry similar insurance.
- .16 Contractor shall not commence work under this Contract until he has obtained all insurance required under this Article and such insurance has been approved by the Owner and the architect, nor shall any Subcontractor commence work on his Subcontract until appropriate insurance has been obtained by the Subcontractor. Each and every Contractor shall maintain all insurance required under Subparagraphs (a), (b), (c), (d), and (e) of Paragraph 2, hereof, for not less than one year after completion of this Contract.
- .17 If requested by Owner and/or Architect, Contractor shall furnish Owner and/or architect with true copies of each policy required of him or his Subcontractors.
- .18 If the Contractor fails to purchase or maintain or require to be purchased and maintained the liability insurance specified by Subparagraph 11.1.1, the Owner may (but shall not be obligated to) purchase such insurance on the Contractor's behalf and shall be entitled to be repaid for any premiums paid therefor by the Contractor in the manner set forth in Paragraph 2.4.

Add the following to Subparagraph 11.1.3:

- ".1 Duplicate copies of certificates, called for above, evidencing coverage carried by the Contractor and the Owner, shall be filed with the Architect before the commencement of Construction. Each certificate shall contain a clause stating that the policy will not be canceled without a 30 day written notice having first been sent to the Owner, the Contractor and the Architect.
- .2 If requested by the Owner, each certificate shall have attached to it a true copy of

policies to which it refers.

- .3 Verification of Coverage: The Owner shall inspect and approve Contractor's insurance coverage specified above. Should Owner deem it advisable to modify this coverage in any way, he shall so instruct the Contractor in writing and pay costs of any increased coverage or take credit for any decreases as may be appropriate.
- .4 Notices: It shall be the duty of each of the parties to this Contract to advise the other of the nature and extent of its coverage and the names of the companies insuring the risk."

Add the following Subparagraph to 11.1: "11.1.5: Contractor Tools and Equipment: It is understood and agreed that all equipment and tools that are owned and/or leased by the Contractor or Subcontractors incidental to the construction of the Work, are to be insured by the parties involved."

Subparagraph 11.3.1, delete last sentence only (beginning with "This insurance shall...")

Subparagraph 11.3.2, delete second half of first sentence (beginning after semi-colon with "This insurance shall...")

Delete Subparagraph 11.3.3 in its entirety.

Delete Subparagraph 11.3.5 in its entirety.

Delete Subparagraph 11.3.6 in its entirety.

Delete Subparagraph 11.3.7 in its entirety.

Delete Subparagraph 11.3.9 in its entirety.

Delete Subparagraph 11.3.10 in its entirety, and add the following: "11.3.10.: The Owner as trustee shall have power to adjust and settle any loss with the Insurers."

At Subparagraph 11.4.1, in the fourth line after the word "thereunder", add the following: "(i. e., a performance bond and a labor and material payment bond)".

Add the following as paragraph 11.4.1.1: "The amount of the performance bond and the labor and material payment bond should both be 100% of the full amount of the contract sum."

Add the following as paragraph 11.4.1.2: "All insurance coverage required of the Contractor shall be maintained and continued in effect for at least 60 days following the date of final payment."

Add the following Subparagraph 11.4.3 to Paragraph 11.4: "11.4.3: The Contractor shall supply a Performance Bond and a Labor and Material Payment bond in the amount of the Contract with surety acceptable to the Owner, which bonds shall contain the following verbatim provision: "THIS BOND COVERS FULL PERFORMANCE OF ALL THE

CONTRACTOR'S OBLIGATIONS UNDER THE CONTRACT, AND IN THE EVENT OF A CONFLICT BETWEEN THE TERMS AND PROVISIONS OF THIS BOND AND THE TERMS AND PROVISIONS OF OTHER CONTRACT DOCUMENTS, THE TERMS AND PROVISIONS OF SAID CONTRACT DOCUMENTS SHALL PREVAIL". Said bonds shall cover all materials and labor used in the Work whether by Subcontractor or otherwise. Said bonds shall remain in full force and effect during the life of the Contract(s) and during the term of warranty or warranties required by the Contract Documents."

10. ARTICLE 13- MISCELLANEOUS PROVISIONS

Delete Paragraphs 13.6 and 13.7 in their entirety.

11. ARTICLE 14- TERMINATION OR SUSPENSION OF THE CONTRACT

Delete Subparagraphs 14.1.1, 14.1.2, 14.1.3 and 14.1.4 in their entirety.

12. ARTICLE 15- CLAIMS AND DISPUTES

Delete Article 15 in its entirety and replace with the following:

“ARTICLE 15- EQUAL OPPORTUNITY

15.1 The Contractor shall maintain policies of employment as follows: "15.1.1: The Contractor and all Subcontractors shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin or age. The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, religions, color, sex, national origin or age. Such action 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, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the policies of non-discrimination.

15.1.2: The Contractor and all Subcontractors shall, in all solicitations or advertisements for employees placed by them or on their behalf, state that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, national origin or age.

15.1.3: No person shall be refused or denied employment in any capacity on the ground of unlawful discrimination, as that term is defined in the Illinois Human Rights Act, nor be subjected to unlawful discrimination in any manner, in connection with the contracting for or the performance of any work or service of any kind under this Contract, by, for, on behalf of, or for the benefit of the Owner.

15.1.3.1: The Illinois Human Rights Act applies fully to this Contract.

15.2: It is hereby stipulated that all laborers, workers and mechanics performing work under the Contract shall not be paid less than the prevailing wage as found by the Illinois Department of Labor and that Contractor and all subcontractors shall in all other respects

comply with the *Prevailing Wage Act* in carrying out work under the Contract. If during the course of work under this Contract, the Department of Labor revises the prevailing rate of hourly wages to be paid under this Contract, Contractor shall have the sole responsibility and duty to ensure that the revised prevailing rate of hourly wages is paid by Contractor and all subcontractors to each worker to whom a revised rate is applicable. Revisions to the prevailing wage as set forth above shall not result in an increase in the contract sum. Contractor shall protect, defend, indemnify and hold the Owner harmless for any claims or demands made as a result of Contractor's failure to comply with this paragraph.”

END OF SECTION 00800

DOCUMENT 00 73 46 - WAGE DETERMINATION SCHEDULE:

A. PREVAILING RATE OF WAGES:

1. Pursuant to Public Act 86-799 (effective January 1, 1990), these specifications list on the following pages, the prevailing rate of wages for the county where the contract is being performed and for each craft or type of worker needed to execute the contract.

END OF DOCUMENT 00 73 46

Will County Prevailing Wage for July 2015

| Trade Name | RG | TYP | C | Base | FRMAN | M-F>8 | OSA | OSH | H/W | Pensn | Vac | Trng | |
|----------------------|------------------|-----|---|--------|--------|--------|-----|-----|-------|-------|-------|-------|-------|
| Trade Name | RG | TYP | C | Base | FRMAN | M-F>8 | OSA | OSH | H/W | Pensn | Vac | Trng | |
| ASBESTOS ABT-GEN | ALL | | | 39.400 | 39.950 | 1.5 | 1.5 | 2.0 | 13.98 | 10.72 | 0.000 | 0.500 | |
| ASBESTOS ABT-MEC | BLD | | | 36.340 | 38.840 | 1.5 | 1.5 | 2.0 | 11.47 | 10.96 | 0.000 | 0.720 | |
| BOILERMAKER | BLD | | | 47.070 | 51.300 | 2.0 | 2.0 | 2.0 | 6.970 | 18.13 | 0.000 | 0.400 | |
| BRICK MASON | BLD | | | 43.780 | 48.160 | 1.5 | 1.5 | 2.0 | 10.05 | 14.43 | 0.000 | 1.030 | |
| CARPENTER | ALL | | | 44.350 | 48.790 | 2.0 | 2.0 | 2.0 | 11.99 | 18.47 | 0.000 | 0.630 | |
| CEMENT MASON | ALL | | | 41.000 | 43.000 | 2.0 | 1.5 | 2.0 | 10.00 | 20.39 | 0.000 | 0.500 | |
| CERAMIC TILE FNSHER | BLD | | | 36.810 | 0.000 | 1.5 | 1.5 | 2.0 | 10.55 | 9.230 | 0.000 | 0.770 | |
| COMMUNICATION TECH | BLD | | | 33.000 | 34.500 | 1.5 | 1.5 | 2.0 | 13.92 | 11.69 | 1.410 | 0.720 | |
| ELECTRIC PWR EQMT OP | ALL | | | 46.100 | 51.100 | 1.5 | 1.5 | 2.0 | 10.76 | 14.87 | 0.000 | 0.460 | |
| ELECTRIC PWR GRNDMAN | ALL | | | 37.050 | 52.500 | 1.5 | 2.0 | 2.0 | 8.630 | 12.28 | 0.000 | 0.370 | |
| ELECTRIC PWR LINEMAN | ALL | | | 47.500 | 52.500 | 1.5 | 2.0 | 1.5 | 10.76 | 14.87 | 0.000 | 0.460 | |
| ELECTRICIAN | BLD | | | 40.000 | 43.600 | 1.5 | 1.5 | 2.0 | 14.77 | 16.39 | 0.000 | 1.200 | |
| ELEVATOR CONSTRUCTOR | BLD | | | 50.800 | 57.150 | 2.0 | 2.0 | 2.0 | 13.57 | 14.21 | 4.060 | 0.600 | |
| GLAZIER | BLD | | | 40.500 | 42.000 | 1.5 | 2.0 | 2.0 | 13.14 | 16.99 | 0.000 | 0.940 | |
| HT/FROST INSULATOR | BLD | | | 48.450 | 50.950 | 1.5 | 1.5 | 2.0 | 11.47 | 12.16 | 0.000 | 0.720 | |
| IRON WORKER | ALL | | | 41.000 | 42.000 | 2.0 | 2.0 | 2.0 | 10.04 | 21.41 | 0.000 | 0.780 | |
| LABORER | ALL | | | 39.200 | 39.950 | 1.5 | 1.5 | 2.0 | 13.98 | 10.72 | 0.000 | 0.500 | |
| LATHER | ALL | | | 43.350 | 47.690 | 2.0 | 2.0 | 2.0 | 11.85 | 17.47 | 0.000 | 0.630 | |
| MACHINIST | BLD | | | 45.350 | 47.850 | 1.5 | 1.5 | 2.0 | 7.260 | 8.950 | 1.850 | 0.000 | |
| MARBLE FINISHERS | ALL | | | 32.400 | 34.320 | 1.5 | 1.5 | 2.0 | 10.05 | 13.75 | 0.000 | 0.620 | |
| MARBLE MASON | BLD | | | 43.030 | 47.330 | 1.5 | 1.5 | 2.0 | 10.05 | 14.10 | 0.000 | 0.780 | |
| MATERIAL TESTER I | ALL | | | 29.200 | 0.000 | 1.5 | 1.5 | 2.0 | 13.98 | 10.72 | 0.000 | 0.500 | |
| MATERIALS TESTER II | ALL | | | 34.200 | 0.000 | 1.5 | 1.5 | 2.0 | 13.98 | 10.72 | 0.000 | 0.500 | |
| MILLWRIGHT | ALL | | | 44.350 | 48.790 | 2.0 | 2.0 | 2.0 | 11.99 | 18.47 | 0.000 | 0.630 | |
| OPERATING ENGINEER | BLD 1 | | | 48.100 | 52.100 | 2.0 | 2.0 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | BLD 2 | | | 46.800 | 52.100 | 2.0 | 2.0 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | BLD 3 | | | 44.250 | 52.100 | 2.0 | 2.0 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | BLD 4 | | | 42.500 | 52.100 | 2.0 | 2.0 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | BLD 5 | | | 51.850 | 52.100 | 2.0 | 2.0 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | BLD 6 | | | 49.100 | 52.100 | 2.0 | 2.0 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | BLD 7 | | | 51.100 | 52.100 | 2.0 | 2.0 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | FLT 1 | | | 53.600 | 53.600 | 1.5 | 1.5 | 2.0 | 17.10 | 11.80 | 1.900 | 1.250 | |
| OPERATING ENGINEER | FLT 2 | | | 52.100 | 53.600 | 1.5 | 1.5 | 2.0 | 17.10 | 11.80 | 1.900 | 1.250 | |
| OPERATING ENGINEER | FLT 3 | | | 46.400 | 53.600 | 1.5 | 1.5 | 2.0 | 17.10 | 11.80 | 1.900 | 1.250 | |
| OPERATING ENGINEER | FLT 4 | | | 38.550 | 53.600 | 1.5 | 1.5 | 2.0 | 17.10 | 11.80 | 1.900 | 1.250 | |
| OPERATING ENGINEER | FLT 5 | | | 55.100 | 53.600 | 1.5 | 1.5 | 2.0 | 17.10 | 11.80 | 1.900 | 1.250 | |
| OPERATING ENGINEER | FLT 6 | | | 35.000 | 35.000 | 1.5 | 1.5 | 2.0 | 16.60 | 11.05 | 1.900 | 1.250 | |
| OPERATING ENGINEER | HWY 1 | | | 46.300 | 50.300 | 1.5 | 1.5 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | HWY 2 | | | 45.750 | 50.300 | 1.5 | 1.5 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | HWY 3 | | | 43.700 | 50.300 | 1.5 | 1.5 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | HWY 4 | | | 42.300 | 50.300 | 1.5 | 1.5 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | HWY 5 | | | 41.100 | 50.300 | 1.5 | 1.5 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | HWY 6 | | | 49.300 | 50.300 | 1.5 | 1.5 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| OPERATING ENGINEER | HWY 7 | | | 47.300 | 50.300 | 1.5 | 1.5 | 2.0 | 17.55 | 12.65 | 1.900 | 1.250 | |
| PAINTER | ALL | | | 41.750 | 46.500 | 1.5 | 1.5 | 1.5 | 11.50 | 11.10 | 0.000 | 0.770 | |
| PAINTER SIGNS | BLD | | | 33.920 | 38.090 | 1.5 | 1.5 | 1.5 | 2.600 | 2.710 | 0.000 | 0.000 | |
| PILEDRIVER | ALL | | | 44.350 | 48.790 | 2.0 | 2.0 | 2.0 | 11.99 | 18.47 | 0.000 | 0.630 | |
| PIPEFITTER | BLD | | | 46.000 | 49.000 | 1.5 | 1.5 | 2.0 | 9.000 | 15.85 | 0.000 | 1.780 | |
| PLASTERER | BLD | | | 43.430 | 46.040 | 1.5 | 1.5 | 2.0 | 13.05 | 14.43 | 0.000 | 1.020 | |
| PLUMBER | BLD | | | 46.650 | 48.650 | 1.5 | 1.5 | 2.0 | 13.18 | 11.46 | 0.000 | 0.880 | |
| ROOFER | BLD | | | 41.000 | 44.000 | 1.5 | 1.5 | 2.0 | 8.280 | 10.54 | 0.000 | 0.530 | |
| SHEETMETAL WORKER | BLD | | | 44.720 | 46.720 | 1.5 | 1.5 | 2.0 | 10.65 | 13.31 | 0.000 | 0.820 | |
| SPRINKLER FITTER | BLD | | | 49.200 | 51.200 | 1.5 | 1.5 | 2.0 | 11.75 | 9.650 | 0.000 | 0.550 | |
| STONE MASON | BLD | | | 43.780 | 48.160 | 1.5 | 1.5 | 2.0 | 10.05 | 14.43 | 0.000 | 1.030 | |
| SURVEY WORKER | -->NOT IN EFFECT | | | ALL | 37.000 | 37.750 | 1.5 | 1.5 | 2.0 | 12.97 | 9.930 | 0.000 | 0.500 |
| TERRAZZO FINISHER | BLD | | | 38.040 | 0.000 | 1.5 | 1.5 | 2.0 | 10.55 | 11.22 | 0.000 | 0.720 | |
| TERRAZZO MASON | BLD | | | 41.880 | 44.880 | 1.5 | 1.5 | 2.0 | 10.55 | 12.51 | 0.000 | 0.940 | |
| TILE MASON | BLD | | | 43.840 | 47.840 | 1.5 | 1.5 | 2.0 | 10.55 | 11.40 | 0.000 | 0.990 | |
| TRAFFIC SAFETY WRKR | HWY | | | 32.750 | 34.350 | 1.5 | 1.5 | 2.0 | 6.550 | 6.450 | 0.000 | 0.500 | |
| TRUCK DRIVER | ALL 1 | | | 35.650 | 36.200 | 1.5 | 1.5 | 2.0 | 7.250 | 6.319 | 0.000 | 0.250 | |
| TRUCK DRIVER | ALL 2 | | | 35.800 | 36.200 | 1.5 | 1.5 | 2.0 | 7.250 | 6.319 | 0.000 | 0.250 | |
| TRUCK DRIVER | ALL 3 | | | 36.000 | 36.200 | 1.5 | 1.5 | 2.0 | 7.250 | 6.319 | 0.000 | 0.250 | |
| TRUCK DRIVER | ALL 4 | | | 36.200 | 36.200 | 1.5 | 1.5 | 2.0 | 7.250 | 6.319 | 0.000 | 0.250 | |
| TUCKPOINTER | BLD | | | 43.800 | 44.800 | 1.5 | 1.5 | 2.0 | 8.280 | 13.49 | 0.000 | 0.670 | |

M-F>8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday.)

OSA (Overtime is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

Legend:

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. The Project consists of General Construction associated with the Phase 1 Remodeling for New State's Attorney Office Facility.
 - 1. Project Location: Will County Office Building
302 North Chicago Street
Joliet, Illinois
 - 2. Owner: The County of Will
- B. Contract Documents, dated November 4, 2015 were prepared for the Project by Andrew R. Partak, Jr., Architect, 14141 West Bruns Road, Manhattan, Illinois 60442.
- C. Work will be constructed under a single prime contract.

1.3 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
 - 1. Owner Occupancy: Allow for Owner occupancy.
 - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OCCUPANCY REQUIREMENTS

- A. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.

1. The Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.
2. Obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.
3. Prior to partial Owner occupancy, mechanical and electrical systems shall be fully operational. Required inspections and tests shall have been successfully completed. Upon occupancy, the Owner will operate and maintain mechanical and electrical systems serving occupied portions of the building.
4. Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

1.5 PROJECT PHASING

- A. The Work of the Project shall be phased to provide partial use of the building by the Owner. The phasing strategy and schedule shall be developed during the Pre-Construction Meeting with the Owner and the Architect.

PART 2 - PRODUCTS (Not Applicable)

PART 3 – EXECUTION (Not Applicable)

END OF SECTION 01 11 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division-1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. List price for each alternate in Bid Form. Include cost of modifications to other work to accommodate alternate. Include related costs such as overhead and profit.
- B. Owner will determine which alternates are selected for inclusion in the Contract.
- C. Alternates are described briefly in this section. The Contract Documents define the requirements for alternates.
- D. Coordinate alternates with related work to ensure that work affected by each selected alternate is properly accomplished.

PART 2 - PRODUCTS (Not Applicable).

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. List of alternates:
 - 1. Alternate No. B1 – For work indicated on the Drawings.
 - 2. Alternate No. B2 – For work indicated on the Drawings.

END OF SECTION 01 23 00

SECTION 01 25 00 – SUBSTITUTION PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division-01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Provide products from one manufacturer for each type or kind as applicable. Provide secondary materials as recommended by manufacturers of primary materials.
- B. Provide products selected or approved equal. Products submitted for substitution shall be submitted with acceptable documentation, and include costs of substitution including related work.
- C. Conditions for substitution include:
 - 1. An 'or equal' phrase in the specifications.
 - 2. Specified material cannot be coordinated with other work.
 - 3. Specified material is not acceptable to authorities having jurisdiction.
 - 4. Substantial advantage is offered Owner in terms of cost, time, or other valuable consideration.
- D. Substitutions shall be submitted prior to award of contract, unless otherwise acceptable. Approval of shop drawings, product data, or samples is not a substitution approval unless clearly presented as a substitution at the time of submittal.

PART 2 - PRODUCTS - Not Applicable To This Section

PART 3 - EXECUTION - Not Applicable To This Section

END OF SECTION 01 25 00

SECTION 01 29 76 – PROGRESS PAYMENT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division-01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements governing the Contractor's Applications for Payment.

1.3 APPLICATIONS FOR PAYMENT:

- A. Payment Application Forms: Use AIA Document G 702 and Continuation Sheets G 703 or Frank R. Walker Form 591 or 589, "Sworn Statement for Contractor and Subcontractor to Owner", as the form for Application for Payment.
- B. Transmittal: Submit 2 executed copies of each Application for Payment to the Architect by means ensuring receipt within 24 hours; one copy shall be complete, including waivers of lien and similar attachments, when required.
- C. Waivers of Mechanics Lien: With each monthly Application for Payment, submit partial waivers of mechanics lien in the net amount for period of construction covered by application.
 - 1. The Owner reserves the right to require subcontractor and/or material supplier waivers of lien be submitted with any monthly Application for Payment.
 - 2. The final Application for Payment shall include: final waiver of mechanics lien in total amount of Contract including Contract adjustments; final waivers of mechanics lien from every entity involved with the performance of Work covered by the final application who could lawfully be entitled to a lien.
 - 3. Waiver Forms: Submit waivers of lien on forms, and executed in a manner, acceptable to Owner.
- D. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of the first Application for Payment include the following:
 - 1. List of subcontractors, principal suppliers and fabricators.
 - 2. Door Hardware Schedule and Statement of quantities to be delivered and material costs.
 - 3. Schedule of Values.
 - 4. Partial Waiver of Mechanics Lien for net amount of payment requested.

- E. Application for Payment at Substantial Completion: Following issuance of the Certificate of Substantial Completion, submit an Application for Payment; this application shall reflect any Certificates of Partial Substantial Completion issued previously for Owner occupancy of designated portions of the Work.

- F. Final Payment Application: Administrative actions and submittals which must precede or coincide with submittal of the final payment Application for Payment include the following:
 - 1. Completion of Project closeout requirements.
 - 2. Completion of items specified for completion after Substantial Completion.
 - 3. Assurance that unsettled claims will be settled.
 - 4. Assurance that Work not complete and accepted will be completed without undue delay.
 - 5. Transmittal of required Project construction records to Owner.
 - 6. Removal of temporary facilities and services.
 - 7. Removal of surplus materials, rubbish and similar elements.
 - 8. Warranties (guarantees) and maintenance agreements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 29 76

SECTION 01 31 13 - PROJECT COORDINATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Provide coordination of work.
 - 1. Supervisory personnel.
 - 2. Preconstruction conference.
 - 3. Progress meetings; distribute minutes.
- B. Submit progress schedule, bar-chart type, updated monthly.
- C. Submit schedule of values.
- D. Submit record drawings and specifications; to be maintained and annotated by Contractor as work progresses.
- E. Submit payment request procedures.
- F. Perform quality control during installation.
- G. Clean and protect the work.

PART 2 - PRODUCTS (Not Applicable).

PART 3 - EXECUTION (Not Applicable).

END OF SECTION 01 31 13

SECTION 01 33 00 – SUBMITTAL PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Comply with project format for submittals.
- B. Provide types of submittals listed in individual sections and number of copies required.
 - 1. Contractor's construction schedule.
 - 2. Shop drawings, reviewed and annotated by the Contractor - sepia and two blackline prints.
 - 3. Product data - 4 copies.
 - 4. Warranties - 4 copies.
 - 5. Closeout submittals - 4 copies.
- C. Provide required resubmittals if original submittals are not approved. Provide distribution of approved copies including modifications after submittals have been approved.
- D. Samples and shop drawings shall be prepared specifically for this project. Shop drawings shall include dimensions and details, including adjacent construction and related work. Note special coordination required. Note any deviations from requirements of the Contract Documents.
- E. Provide warranties as specified; warranties shall not limit length of time for remedy of damages Owner may have by legal statute. Warranties shall be signed by contractor, supplier or installer responsible for performance of warranty.

PART 2 - PRODUCTS (Not Applicable).

PART 3 - EXECUTION - Not Applicable To This Section

END OF SECTION 01 33 00

SECTION 01 50 00 - TEMPORARY FACILITIES AND CONTROLS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division-01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Provide temporary services and utilities, including utility costs:
 - 1. Materials Storage.
- B. Provide construction facilities, including utility costs:
 - 1. Construction equipment.
- C. Provide security and protection requirements:
 - 1. Environmental protection.
- D. Provide personnel support facilities:
 - 1. Cleaning and trash removal.

PART 2 - PRODUCTS - Not Applicable To This Section

PART 3 - EXECUTION - Not Applicable To This Section

END OF SECTION 01 50 00

SECTION 01 73 29 - CUTTING AND PATCHING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Provide cutting and patching work to properly complete the work of the project, complying with requirements for:
 - 1. Structural work.
 - 2. Mechanical/electrical systems.
 - 3. Visual requirements, including detailing and tolerances.
 - 4. Operational and safety limitations.
 - 5. Cleaning.
- B. Do not cut and patch in a manner that would result in a failure of the work to perform as intended, decreased energy performance, increased maintenance, decreased operational life, or decreased safety.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Match existing materials for cutting and patching work with new materials conforming to project requirements.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Inspect conditions prior to work to identify scope and type of work required. Protect adjacent work. Notify Owner of work requiring interruption to building services or Owner's operations.
- B. Perform work with workmen skilled in the trades involved. Prepare sample area of each type of work for approval.
- C. Cutting: Use cutting tools, not chopping tools. Make neat holes. Minimize damage to adjacent work. Check for concealed utilities and structure before cutting.

- D. Patching: Make patches, seams, and joints durable and inconspicuous. Comply with tolerances for new work.
- E. Clean work area and areas affected by cutting and patching operations.

END OF SECTION 01 73 29

SECTION 01 77 00 – CLOSEOUT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. The following are prerequisites to substantial completion. Provide the following:
 - 1. Punch list.
 - 2. Warranties.
 - 3. Certifications.
 - 4. Occupancy permit.
 - 5. Start-up and testing of building systems.
 - 6. Change over of locks.
- B. Provide the following prerequisites to final acceptance:
 - 1. Final payment request with supporting affidavits.
 - 2. Completed punch list.
- C. Provide a marked-up set of drawings including changes which occurred during construction.
- D. Provide the following closeout procedures:
 - 1. Submission of record documents.
 - 2. Submission of maintenance manuals.
 - 3. Training and turnover to Owner's personnel.
 - 4. Final cleaning and touch-up.
 - 5. Removal of temporary facilities.

PART 2 - PRODUCTS - Not Applicable To This Section

PART 3 - EXECUTION - Not Applicable To This Section

END OF SECTION 01 77 00

SECTION 01 78 36 - WARRANTIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for warranties required by the Contract Documents, including manufacturers standard warranties on products and special warranties.
 - 1. Refer to the General Conditions for terms of the Contractor's period for correction of the Work.
- B. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Division 01 Section "Submittals" specifies procedures for submitting warranties.
 - 2. Division 01 Section "Contract Closeout" specifies contract closeout procedures.
 - 3. Divisions 02 through 16 Sections and the Drawings for specific requirements for warranties on products and installations specified to be warranted.
 - 4. Certifications and other commitments and agreements for continuing services to Owner are specified elsewhere in the Contract Documents.
- C. Disclaimers and Limitations: Manufacturer's disclaimers and limitations on product warranties do not relieve the Contractor of the warranty on the Work that incorporates the products. Manufacturer's disclaimers and limitations on product warranties do not relieve suppliers, manufacturers, and subcontractors required to countersign special warranties with the Contractor.

1.3 DEFINITIONS

- A. Standard product warranties are preprinted written warranties published by individual manufacturers for particular products and are specifically endorsed by the manufacturer to the Owner.
- B. Special warranties are written warranties required by or incorporated in the Contract Documents, either to extend time limits provided by standard warranties or to provide greater rights for the Owner.

1.4 WARRANTY REQUIREMENTS

- A. Related Damages and Losses: When correcting failed or damaged warranted construction, remove and replace construction that has been damaged as a result of such failure or must be removed and replaced to provide access for correction of warranted construction.
- B. Reinstatement of Warranty: When Work covered by a warranty has failed and been corrected by replacement or rebuilding, reinstate the warranty by written endorsement. The reinstated warranty

shall be equal to the original warranty with an equitable adjustment for depreciation.

- C. Replacement Cost: Upon determination that Work covered by a warranty has failed, replace or rebuild the Work to an acceptable condition complying with requirements of the Contract Documents. The Contractor is responsible for the cost of replacing or rebuilding defective Work regardless of whether the Owner has benefited from use of the Work through a portion of its anticipated useful service life.
- D. Owner's Recourse: Expressed warranties made to the Owner are in addition to implied warranties and shall not limit the duties, obligations, rights, and remedies otherwise available under the law. Expressed warranty periods shall not be interpreted as limitations on the time in which the Owner can enforce such other duties, obligations, rights, or remedies.
 - 1. Rejection of Warranties: The Owner reserves the right to reject warranties and to limit selection to products with warranties not in conflict with requirements of the Contract Documents.
- E. Where the Contract Documents require a special warranty, or similar commitment on the Work or part of the Work, the Owner reserves the right to refuse to accept the Work, until the Contractor presents evidence that entities required to countersign such commitments are willing to do so.

1.5 SUBMITTALS

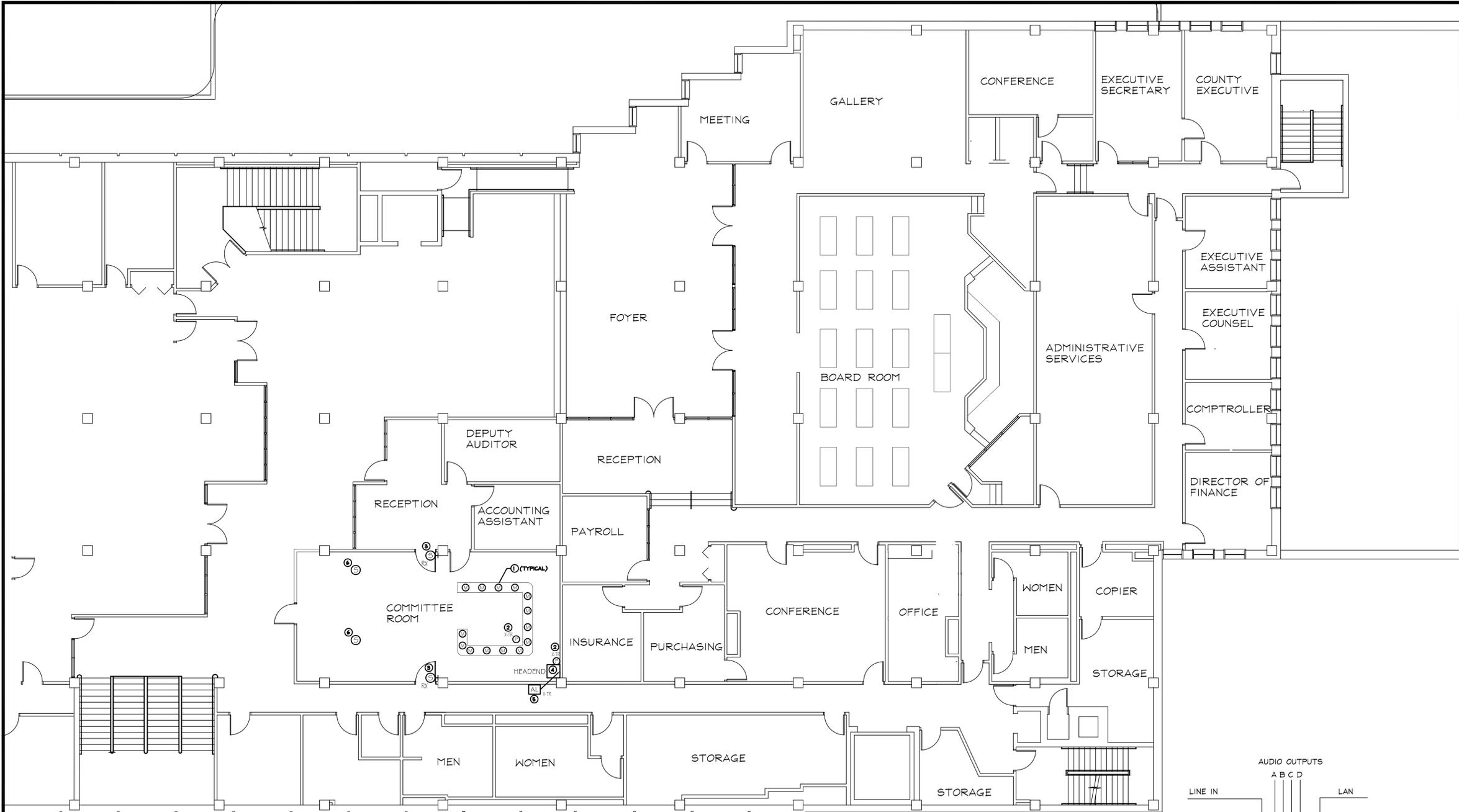
- A. Submit written warranties to the Architect prior to the date certified for Substantial Completion. If the Architect's Certificate of Substantial Completion designates a commencement date for warranties other than the date of Substantial Completion for the Work, or a designated portion of the Work, submit written warranties upon request of the Architect.
 - 1. When a designated portion of the Work is completed and occupied or used by the Owner, by separate agreement with the Contractor during the construction period, submit properly executed warranties to the Architect within 15 days of completion of that designated portion of the Work.
- B. When the Contract Documents require the Contractor, or the Contractor and a subcontractor, supplier or manufacturer to execute a special warranty, prepare a written document that contains appropriate terms and identification, ready for execution by the required parties. Submit a draft to the Owner, through the Architect, for approval prior to final execution.
 - 1. Refer to Divisions 02 through 16 Sections for specific content requirements and particular requirements for submitting special warranties.
- C. Form of Submittal: At Final Completion compile 2 copies of each required warranty properly executed by the Contractor, or by the Contractor, subcontractor, supplier, or manufacturer. Organize the warranty documents into an orderly sequence based on the table of contents of the Project Manual.
- D. Bind warranties and bonds in heavy-duty, commercial-quality, durable 3-ring, vinyl-covered loose-leaf binders, thickness as necessary to accommodate contents, and sized to receive 8-1/2-by-11-inch (115-by-280-mm) paper.
 - 1. Provide heavy paper dividers with celluloid covered tabs for each separate warranty. Mark the tab to identify the product or installation. Provide a typed description of the product or installation, including the name of the product, and the name, address, and telephone number of the Installer.

2. Identify each binder on the front and spine with the typed or printed title "WARRANTIES," Project title or name, and name of the Contractor.
3. When warranted construction requires operation and maintenance manuals, provide additional copies of each required warranty, as necessary, for inclusion in each required manual.

PART 2 - PRODUCTS (Not Applicable)

PART 3 – EXECUTION (Not Applicable)

END OF SECTION 01 78 36



ELECTRICAL WORK SPECIFICATIONS

- GENERAL**
- A. REVIEW ALL DRAWINGS AND NOTES. COORDINATE AND PERFORM ELECTRICAL INSTALLATION WITH THE OWNER.
 - B. WORK SHOWN IS DIAGRAMMATIC. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND DETAILS IN THE FIELD.
 - C. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY THE EXISTING CONDITIONS AND CAPACITIES. FIELD VERIFY THE ACTUAL QUANTITIES AND LOCATIONS OF ALL EQUIPMENT.
 - D. PROVIDE COMPLETE ELECTRICAL CONNECTIONS TO ALL EQUIPMENT.
 - E. PROVIDE A COMPLETE AND OPERATIONAL SHURE DIGITAL DISCUSSION CONFERENCE SYSTEM AS SHOWN. PROVIDE ALL HARDWARE, SOFTWARE, WIRING AND APPURTENANCES AS REQUIRED.
- CODE REQUIREMENTS**
- A. ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AMENDMENTS.
 - B. ALL LOW VOLTAGE WORK SHALL COMPLY WITH ALL CURRENT ANSI/TIA/EIA STANDARDS.
- RACEWAYS**
- A. PROVIDE SURFACE METAL RACEWAY FOR ALL CABLING INSTALLED IN FINISHED AREAS.
 - B. PROVIDE CABLE SUPPORTS NOT TO EXCEED 5' ON CENTER FOR ALL LOW VOLTAGE CABLING INSTALLED ABOVE ACCESSIBLE CEILING SPACES. MAINTAIN 6" SEPARATION FROM ALL 120V OR GREATER ELECTRICAL EQUIPMENT.
- CONDUCTORS**
- A. ALL 120V CONDUCTORS SHALL BE COPPER WITH THHN/THWN INSULATION RATED AT 600VOLTS AND SHALL BE MINIMUM #12 AWG SIZE.
 - B. UNLESS NOTED OTHERWISE, PROVIDE PHASE, NEUTRAL, AND GROUND WIRE FOR EACH BRANCH CIRCUIT.
 - C. ALL LOW VOLTAGE CONDUCTORS SHALL BE COPPER AND RATED FOR THEIR SPECIFIC USE AND APPLICATION.

**BASE BID A - COMMITTEE ROOM
KEY NOTES - NEW AND DEMO WORK**

1. REMOVE EXISTING DESK MOUNTED MICROPHONE, CABLE AND APPURTENANCES. PROVIDE NEW DISCUSSION BASE, MICROPHONE, CABLE AND APPURTENANCES IN SAME LOCATION. PROVIDE CABLE SUPPORTS UNDER TABLE FOR SUPPORTING THE CABLE CONNECTIONS BETWEEN DISCUSSION BASES.
2. DISCUSSION BASE CABLE (CAT5E SHIELDED) SHALL BE ROUTED TO HEADEND EQUIPMENT VIA EXISTING POKE THRU.
3. REMOVE EXISTING SPEAKER AND SPEAKER CABLE. PROVIDE BLANK COVER PLATE OVER EXISTING OPENING.
4. REMOVE EXISTING HEADEND EQUIPMENT AND APPURTENANCES. PROVIDE NEW WALL MOUNTED RACK ENCLOSURE WITH NEW DISCUSSION SYSTEM CONTROL UNIT AND APPURTENANCES.
5. EXISTING ASSISTIVE LISTENING SYSTEM SHALL REMAIN. RECONNECT SYSTEM TO NEW HEADEND EQUIPMENT.
6. PROVIDE NEW SPEAKER AND 18/2 SHIELDED PLENUM RATED SPEAKER CABLING. CABLING SHALL BE ROUTED ABOVE CEILING TO HEADEND LOCATION. PROVIDE WIREMOLD ON WALL TO CONCEAL CABLING AT HEADEND.

INDICATES NOTE REFERENCED

**BASE BID A - COMMITTEE RM
DIGITAL DISCUSSION SYSTEM**

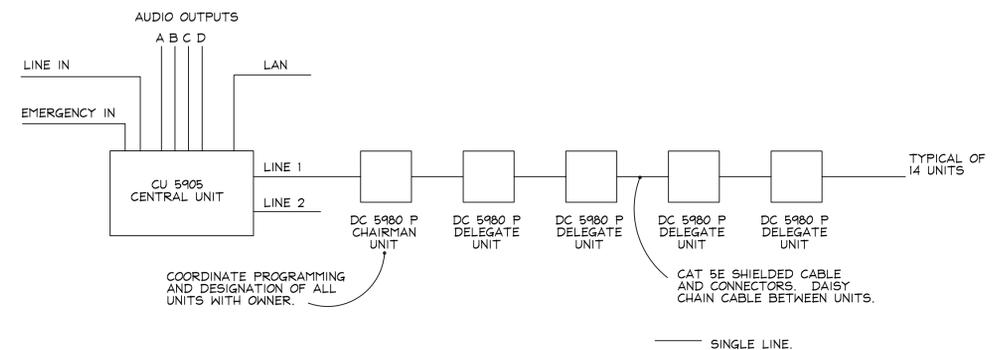
WILL COUNTY OFFICE BUILDING SCALE: 1/8" = 1'-0"

**BASE BID A - COMMITTEE ROOM
WORKING HOURS**

- A. ALL WORK NOT REQUIRING FIRST FLOOR CEILING ACCESS SHALL BE PERFORMED DURING NORMAL BUSINESS HOURS BETWEEN 7AM-4:30PM MON-FRI. ALL WORK REQUIRING ACCESS ABOVE THE FIRST FLOOR CEILING SHALL BE PERFORMED AFTER 4:30PM MON-FRI. AND WILL REQUIRE AN EMPLOYEE OF WILL COUNTY TO BE PRESENT FOR THE DURATION. COORDINATE TIME(S) WITH OWNER.

**BASE BID A - COMMITTEE ROOM
SYMBOLS AND ABBREVIATIONS**

- RX REMOVE EXISTING
- X-TR EXISTING TO REMAIN
- ⊙ FLOOR POKE THRU
- ⊙ CEILING SPEAKER (ATLAS #FAP62T)
- ⊙ DISCUSSION BASE (SHURE #DC5980) W/ GOOSENECK MIC (SHURE #GM5924)
- HEADEND EQUIPMENT
-WALL RACK (ATLAS #310-15)
-POWER STRIP (ATLAS #AP-515L)
-CENTRAL CONTROL UNIT (SHURE #CU5905)
-2x2 DSP (ATLAS #BB22)
-60W AMP (ATLAS #PA60G)
-RACKMOUNT KIT (ATLAS #PA702-RMK)
- AL ASSISTIVE LISTENING DEVICE



**COMMITTEE ROOM - DDS 5900 DIGITAL DISCUSSION
SYSTEM SINGLE LINE DIAGRAM**

SINGLE LINE DIAGRAM IS DIAGRAMMATIC ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EQUIPMENT, CABLING AND APPURTENANCES FOR A COMPLETE OPERATING DISCUSSION SYSTEM.
THE DDS 5900 SHOWN SHALL HAVE 2 CHAINS WITH A TOTAL CAPACITY OF 60 UNITS.

R1513

ANDREW R. PARTAK, JR. AIA
ARCHITECT

14141 W. BRUNS ROAD
MANHATTAN, ILLINOIS 60442

(815) 478-5604

| |
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| DRAWN BY: AP. |
| DATE: 11/04/2015 |

NEW DIGITAL DISCUSSION SYSTEM
WILL COUNTY OFFICE BUILDING
302 NORTH CHICAGO STREET
JOLIET, ILLINOIS

SHEET

A1

OF 2

**BASE BID B - BOARD ROOM
KEY NOTES - NEW AND DEMO WORK**

- REMOVE EXISTING DESK MOUNTED MICROPHONE, CABLE AND APPURTENANCES. PROVIDE NEW DISCUSSION BASE, MICROPHONE, CABLE AND APPURTENANCES IN SAME LOCATION. ENLARGE EXISTING OPENING IN DESKTOP TO ACCOMMODATE NEW CABLE(S). PROVIDE CABLE SUPPORTS UNDER TABLE FOR SUPPORTING THE CABLE CONNECTIONS BETWEEN DISCUSSION BASES.
- DISCUSSION BASE CABLE (CAT5E SHIELDED) SHALL BE ROUTED TO HEADEND EQUIPMENT VIA EXISTING POKE THRU.
- PROVIDE NEW FLUSH MOUNTED POKE-THRU ASSEMBLY. CONTRACTOR SHALL COORDINATE AND RECEIVE FINAL APPROVAL FROM OWNER PRIOR TO STARTING CORE DRILLING OF PENETRATION.
- EXISTING SPEAKER TO REMAIN. DISCONNECT SPEAKER WIRING AT HEADEND LOCATION. SPEAKER SHALL NOT BE REUSED WITH NEW SYSTEM.
- PROVIDE A HANDHELD MICROPHONE WITH A WIRELESS RECEIVER BASE INSTALLED IN THE HEADEND.
- REMOVE EXISTING MICROPHONE CONTROL PANEL ON PODIUM DESK. REMOVE EXISTING RELAY CONTROL BOARD, WIRING AND APPURTENANCES LOCATED BELOW PODIUM DESK.
- REMOVE EXISTING HEADEND EQUIPMENT AND RACK. PROVIDE NEW HEADEND EQUIPMENT AND RACK IN SAME LOCATION.
- REMOVE EXISTING SPEAKER PODIUM MOUNTED MICROPHONE, CABLE AND APPURTENANCES. PROVIDE NEW DISCUSSION BASE, MICROPHONE, CABLE AND APPURTENANCES IN SAME LOCATION. CABLE SHALL BE ROUTED TO HEADEND VIA EXISTING POKE THRU.
- RECONNECT EXISTING LINE LEVEL AND MIC LEVEL INPUT JACKS TO NEW SOUND SYSTEM.
- REMOVE EXISTING SPEAKER. EXISTING WIRING SHALL REMAIN. PROVIDE NEW SPEAKER AND RECONNECT TO EXISTING WIRING.
- PROVIDE NEW DISCUSSION BASE, MICROPHONE, CABLE AND APPURTENANCES. DISCUSSION BASE CABLE (CAT5E SHIELDED) SHALL BE ROUTED TO HEADEND VIA NEW POKE-THRU. PROVIDE CABLE SUPPORTS UNDER TABLE FOR SUPPORTING THE CABLE CONNECTIONS BETWEEN DISCUSSION BASES.
- EXISTING ASSISTIVE LISTENING SYSTEM SHALL REMAIN. RECONNECT SYSTEM TO NEW HEADEND EQUIPMENT.
- (ALT BID B1) PROVIDE A 70" DISPLAY MONITOR (SHARP #LC70LE661) WITH A TILT ANGLE MOUNTING BRACKET. COORDINATE MOUNTING LOCATION WITH OWNER.
- (ALT BID B1) PROVIDE A DISPLAY VIDEO COMPOSITE CABLE FROM EXISTING PC TO NEW MONITOR. PROVIDE A COMPOSITE VIDEO CABLE SPLITTER AND CONNECT EXISTING PROJECTOR CABLE AND NEW CABLE TO DISPLAY OUTPUT. PROVIDE SURFACE WIREMOLD RACEWAY ALONG BOTTOM OF OVERHEAD WALL.
- (ALT BID B1) PROVIDE A 15A, 120V DUPLEX OUTLET MOUNTED BEHIND THE DISPLAY MONITOR. PROVIDE SURFACE WIREMOLD RACEWAY ALONG BOTTOM OF OVERHEAD WALL AND EXTEND EXISTING 120V CIRCUIT FROM HEADEND EQUIPMENT.
- OWNER TO PROVIDE PC AND TOUCHSCREEN MONITOR. COORDINATE FINAL LOCATION WITH OWNER.

ALTERNATE BID B2

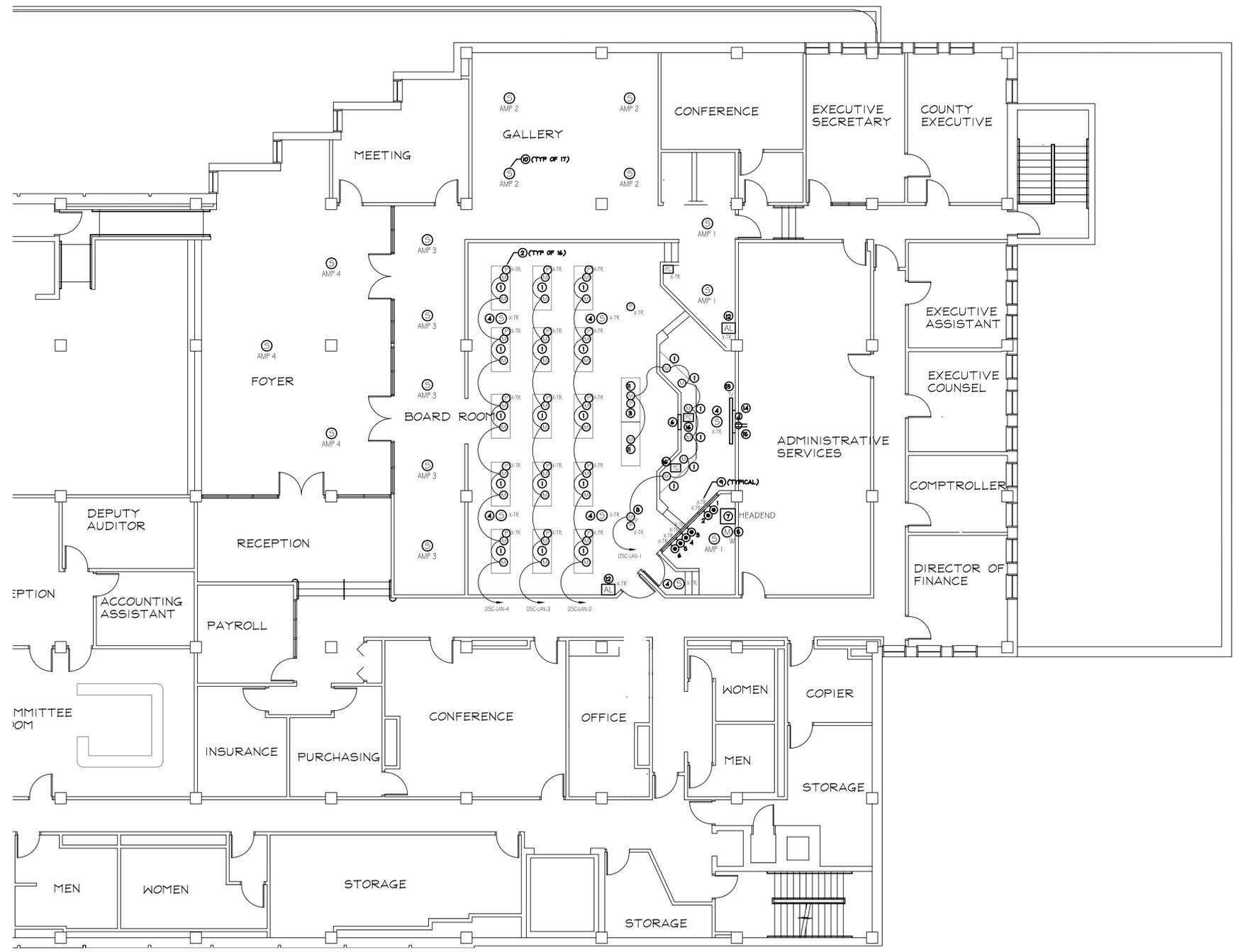
ALTERNATE BID B1

**BASE BID B - BOARD ROOM
SYMBOLS AND ABBREVIATIONS**

- RX REMOVE EXISTING
- X-TR EXISTING TO REMAIN
- (D) FLOOR POKE THRU (WIREMOLD #RC9AM2TCL)
- (S) CEILING SPEAKER (ATLAS #FAP62T)
- (W) WALL SPEAKER (ATLAS #SM42T-B)
- (M) VOTING DISCUSSION BASE (SHURE #DM6680P) W/ SHOTGUN MIC (SHURE #GM6628)
- (M) (ALT BID B2) TOUCHSCREEN VOTING DISCUSSION BASE (SHURE #DC6990P) W/ SHOTGUN MIC (SHURE #GM6628)
- (M) NON-VOTING DISCUSSION BASE (SHURE #DM6120P) W/ GOOSENECK MIC (SHURE #GM6524)
- (W) WIRELESS MIC (SHURE #QLXD24/SM58)
- (H) WALL MOUNTED MIC INPUT
- HEADEND EQUIPMENT
 - WALL RACK (ATLAS #316-15)
 - POWER STRIP (ATLAS #AP-915L)
 - CENTRAL CONTROL UNIT (SHURE #CU6105)
 - 4x4 DSP (ATLAS #BB44)
 - (4) 60W AMP (ATLAS #PA60G)
 - RACKMOUNT KIT (ATLAS #PA702-RMK)
- AL ASSISTIVE LISTENING DEVICE

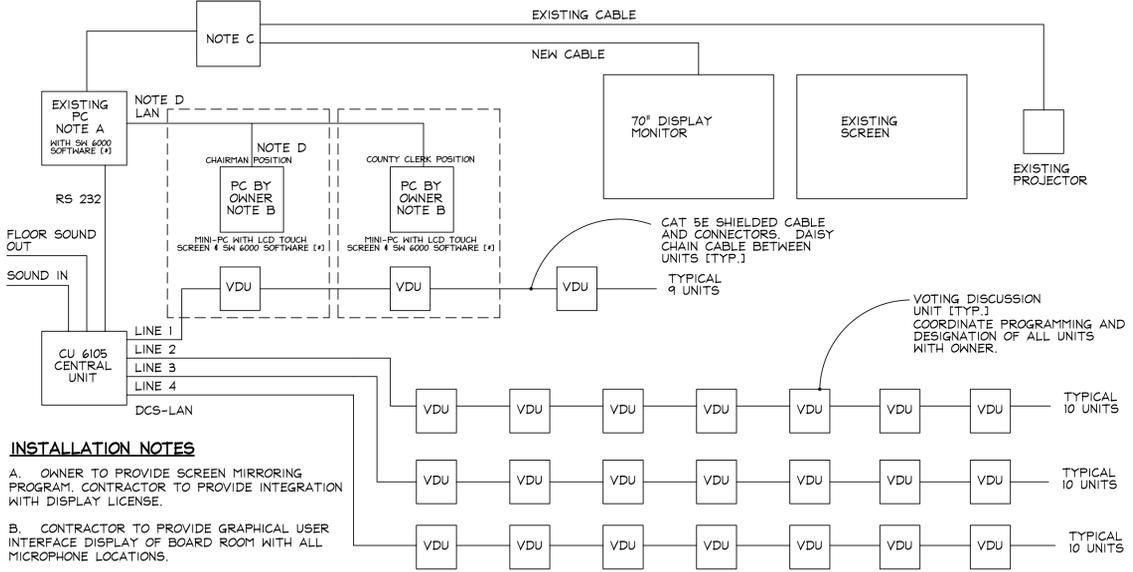
**BASE BID B - BOARD ROOM
WORKING HOURS**

A. ALL WORK NOT REQUIRING FIRST FLOOR CEILING ACCESS SHALL BE PERFORMED DURING NORMAL BUSINESS HOURS BETWEEN 7AM-4:30PM MON-FRI. ALL WORK REQUIRING ACCESS ABOVE THE FIRST FLOOR CEILING SHALL BE PERFORMED AFTER 4:30PM MON-FRI. AND WILL REQUIRE AN EMPLOYEE OF WILL COUNTY TO BE PRESENT FOR THE DURATION. COORDINATE TIME(S) WITH OWNER.



**BASE BID B - BOARD RM
DIGITAL DISCUSSION SYSTEM**

WILL COUNTY OFFICE BUILDING SCALE: 1/8" = 1'-0"



INSTALLATION NOTES

- OWNER TO PROVIDE SCREEN MIRRORING PROGRAM. CONTRACTOR TO PROVIDE INTEGRATION WITH DISPLAY LICENSE.
- CONTRACTOR TO PROVIDE GRAPHICAL USER INTERFACE DISPLAY OF BOARD ROOM WITH ALL MICROPHONE LOCATIONS.
- CONTRACTOR TO PROVIDE A COMPOSITE VIDEO DISTRIBUTION AMPLIFIER SIGNAL SPLITTER.
- OWNER TO PROVIDE NETWORK LAN CONNECTION.
- 4 CHAINS EACH OF MAX. 40 UNITS CAN BE CONNECTED TO THE CU 6105. MAX. CABLE LENGTH IN ONE CHAIN = 200 M.
- THE SYSTEM HAS 4 CHAINS WITH A TOTAL CAPACITY OF 160 UNITS.

BOARD ROOM - DCS 6000 DIGITAL DISCUSSION SYSTEM SINGLE LINE DIAGRAM

SINGLE LINE DIAGRAM IS DIAGRAMMATIC ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EQUIPMENT, CABLING AND APPURTENANCES FOR A COMPLETE OPERATING DISCUSSION SYSTEM.

*** SW 6000 SOFTWARE -
INSTALLED BY CONTRACTOR**
 VOX LICENSE #FL60003A - ON PC BY OWNER
 VOTING LICENSE #FL60004A - ON PC BY OWNER
 SOFTWARE LICENSE #SW6000 6.0 - ON PC BY OWNER
 SOFTWARE USER LICENSE #SW6008 - ON PC BY OWNER
 DISPLAY LICENSE #SW6090 - ON EXISTING PC
 MIC CONTROL LICENSE #SW6010 - ON PC BY OWNER
 DELEGATE ENTRY MODULE #SW6020 - ON PC BY OWNER
 VOTING CONTROL LICENSE #SW6060 - ON PC BY OWNER
 AGENDA LICENSE #SW6012 50 - ON PC BY OWNER
 MIMIC LICENSE #SW6018 - ON PC BY OWNER

MICROPHONE CONFERENCE SYSTEM WITH PC CONTROL FOR NAME HANDLING, CHAIRMAN DISPLAY AND VIDEO PROJECTOR.

ANDREW R. PARTAK, JR. AIA
ARCHITECT

14141 W. BRUNS ROAD
MANHATTAN, ILLINOIS 60442 (815) 478-5604

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| DRAWN BY: AP. |
| DATE: 11/04/2015 |

NEW DIGITAL DISCUSSION SYSTEM
WILL COUNTY OFFICE BUILDING
302 NORTH CHICAGO STREET
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