RESOLUTION 2014-0701
and
CERTIFICATE OF APPOINTMENT

WHEREAS, the appointment to the Zoning Board of Appeals as the Alternate #2 Member by the Ogle County Board, AND WHEREAS, the name of

James D. Reed
7967 E Flagg Rd
Chana, IL 61015

who is an elector of said district, is presented to the Ogle County Board for approval of appointment,

BE IT HEREBY RESOLVED, the appointment is for a term that will end April 30, 2016.

Voted upon and passed by the Ogle County Board on July 15, 2014.

Kim P. Gouker, Chairman
Ogle County Board

Rebecca Huntley, Ogle County Clerk
RESOLUTION 2014-0702

WORKFORCE DEVELOPMENT WEEK
OF AUGUST 25-31, 2014

WHEREAS, recognizing that work remains to be done to aid the high number of unemployed and underemployed individuals, this State and the federal government have announced major initiatives to promote workforce development activities; and

WHEREAS, these activities are primarily aimed at helping individuals acquire the knowledge and skills necessary to pursue a career in the current competitive job market; and

WHEREAS, as part of these efforts, this State will be promoting a new initiative to increase the work readiness of individuals by obtaining a college degree or career certificate; and

WHEREAS, at the federal level, major efforts are being made to review the nation's workforce and training system to make it more job-driven, integrated, and effective; and

WHEREAS, a key aspect in State and federal efforts is the active involvement of the private business sector; and

WHEREAS, Workforce Investment Boards provide businesses with an important forum to inform training providers, including the public education system, community colleges, the State university system, and proprietary schools of the needs of the local business community; and

WHEREAS, Workforce Investment Boards were established by federal law to serve as a vital provider of information, programs, and services to individuals seeking employment, employers, and training providers; and

WHEREAS, under the authority provided to Workforce Investment Boards, opportunities and funds are available for individuals to enroll in training programs and services at job centers throughout this State that give priority to the local business community's current and future needs; and

WHEREAS, it is fitting that the members of the Ogle County Board support the role that Workforce Investment Boards play in providing important programs and services that help strengthen local communities and, by extension, this State and the nation.

THEREFORE BE IT RESOLVED, by the County Board of Ogle County, State of Illinois on this 15th day of July, 2014, that we recognize the week August 25, 2014, through August 31, 2014 as
“Workforce Development Week” in Illinois and encourage individuals, businesses, and governmental organizations to visit and promote the programs and services offered through local Workforce Investment Boards, and

BE IT FURTHER RESOLVED, that August 25, 2014, through August 31, 2014 will be an opportunity for Workforce Investment Boards to highlight and promote the many ways in which they are undertaking this important work.

Presented and approved at the July 15, 2014 Ogle County Board Meeting.

Kim P. Gouker
Chairman, Ogle County Board

Rebecca Huntley
County Clerk and Recorder
RESOLUTION 2014-0703

Certified Lists of Candidates for Judges of Election

WHEREAS, the Chairmen of both the Democratic and Republican County Central Committees have submitted the names of capable and duly qualified electors of Ogle County to be considered for appointment as Judges of Election for a period of two years or until the successors have been appointed as provided by law, and

NOW, THEREFORE, BE IT RESOLVED, by the Ogle County Board that it does appoint those persons named in Certified Lists of Candidates for Judges of Election (attached) submitted by the Chairmen of the Democratic and Republican Central Committees.

PASSED AT OREGON, ILLINOIS THIS 15th Day of July, 2014.

Chairman, Ogle County Board

Attest:

Rebecca Huntley
Ogle County Clerk
LIST OF ELECTION JUDGES

The following is a list of persons submitted for approval as Judges of Election for a term of two years commencing with their appointment and serving until they or their successors are duly qualified.

[Signature and Date]

County ____________________________

Township ____________________________

Precinct ____________________________

(To be completed by township counties only)

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
<th>TELEPHONE</th>
<th>SOCIAL SECURITY NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Precinct

Principal:

1.)

2.)

3.)

Supplemental:

1.)

2.)

3.)

=================================================================================================

Precinct

Principal:

1.)

2.)

3.)

Supplemental:

1.)

2.)

3.)

Use as many sheets as needed. Additional sheets do not need chairman's certification.
LIST OF ELECTION JUDGES

The following is a list of persons submitted for approval as Judges of Election for a term of two years commencing with their appointment and serving until they or their successors are duly qualified.

(Date)

County

Township

Precedent

(To be completed by township counties only)

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
<th>TELEPHONE</th>
<th>SOCIAL SECURITY NO.</th>
</tr>
</thead>
</table>
| Precinct
| Principal:
| 1.)    |         |           |                     |
| 2.)    |         |           |                     |
| 3.)    |         |           |                     |
| Supplemental:
| 1.)    |         |           |                     |
| 2.)    |         |           |                     |
| 3.)    |         |           |                     |

Use as many sheets as needed. Additional sheets do not need chairman's certification.
RESOLUTION 2014-0704
Ogle County Self-funded Health Insurance Program

WHEREAS, the Ogle County Board has, in the past, offered to the employees, retirees and their families, a health and dental insurance benefits package, known as the Ogle County Health Care Plan (the “Plan”), and

WHEREAS, for the last several years, the Ogle County Board has sponsored a self-funded and self-administered health and dental program, utilizing a private third-party claims administrator, stop-loss insurance coverage and cost discounts through a health provider network and a pharmacy benefit manager, in order to provide these health benefits in a more economical, and health-directed, manner than traditional insurance programs, and

THEREFORE BE IT RESOLVED, by the County Board of Ogle County, State of Illinois on this 15th day of July, 2014, to accept the self-funded, and self-administered health insurance bid, offered by Query Insurance and Group Administrators, effective August 1, 2014, through July 31, 2015.

Kim P. Gouker
Chairman, Ogle County Board

Attest:

Rebecca Huntley
Ogle County Clerk
STATE OF ILLINOIS

COUNTY OF OGLE

Resolution 2014 – 0705

Solid Waste Enforcement Grant Agreement with the Illinois Environmental Protection Agency

WHEREAS, The Illinois Environmental Protection Agency has entered into a written Delegation Agreement with Ogle County, under which it delegates all or portions of its solid waste management inspecting, investigating and enforcement functions to the Ogle County Solid Waste Management Department, and

WHEREAS, Pursuant to 415 ILCS 5/22.15(h), the Illinois Environmental Protection Agency is authorized to provide financial assistance to units of local government for the performance of inspecting, investigating and enforcement activities pursuant to 415 ILCS 5/4(r) at non-hazardous solid waste disposal sites.

WHEREAS, the IEPA has again offered such financial assistance for State Fiscal Year 2015 (beginning on July 1, 2014) to Ogle County in the form of a Municipal Waste Management Grant Agreement (Enforcement Grant), and stipulated the terms of said grant in the Agreement, and

WHEREAS, the grant amount offered by the State is $56,311.35 (46.82%) and the local share is $63,960.65 (52%).

NOW THEREFORE, BE IT RESOLVED, that the Ogle County Board accepts the Enforcement Grant for SFY 2015 and the terms therein and authorizes Stephen J. Rypkema, Ogle County Solid Waste Management Department Director, to sign the grant agreement forms and associated documents.

Presented and Adopted at the Ogle County Board Meeting on July 15, 2014.

Attest:

Rebecca Huntley, County Clerk

Kim P. Gouker, Chairman
Resolution 2014-0706

Resolution to Authorize Long Range Planning Invoices

WHEREAS, on July 15, 2014, the Ogle County Board reviewed a summary of proposed Long Range Planning expenses;

NOW THEREFORE, BE IT RESOLVED, that the Ogle County Board authorizes payment of Long Range invoices totaling $136,586.84 for the following:

<table>
<thead>
<tr>
<th>SUPPLIER NAME</th>
<th>DESCRIPTION</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saavedra Gehlhausen Architects</td>
<td>Construction Phase and SGA Reimb. Expenses for Sheriff's Admin. Center - June 2014</td>
<td>$3,452.10</td>
</tr>
<tr>
<td>Rockford Structures Constr. Co.</td>
<td>Sheriff's Admin Building - Appl #2</td>
<td>$131,714.95</td>
</tr>
<tr>
<td>Rockford Register Star</td>
<td>Bid Notification – Jail Roof Replacement</td>
<td>$869.80</td>
</tr>
<tr>
<td>Rochelle News Leader</td>
<td>Bid Notification - Jail Roof Replacement</td>
<td>$453.90</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td></td>
<td><strong>$136,586.84</strong></td>
</tr>
</tbody>
</table>

Presented and Approved at the July 15, 2014, Ogle County Board Meeting.

Attest:

[Signature]
Rebecca Huntley, County Clerk

[Signature]
Kim P. Gouker, Chairman
<table>
<thead>
<tr>
<th>SUPPLIER NAME</th>
<th>DESCRIPTION</th>
<th>BREAKDOWN</th>
<th>AMOUNT</th>
<th>COMP.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saavedra Gehlhausen Architects</td>
<td>Construction Phase and SGA Reimb. Expenses for Sheriff's Admin. Center - June 2014</td>
<td>$ 3,452.10</td>
<td>96.09</td>
<td></td>
</tr>
<tr>
<td>Rockford Structures Constr. Co.</td>
<td>Sheriff's Admin Building - Appl #2</td>
<td>$ 131,714.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rockford Register Star</td>
<td>Bid Notification - Corrections/Jail</td>
<td>$ 869.80</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Roof Replacement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rochelle News Leader</td>
<td>Bid Notification - Corrections/Jail</td>
<td>$ 453.90</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Roof Replacement</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL: $ 136,586.84
Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

AGREEMENT made as of the Tenth day of July in the year Two Thousand Fourteen
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)

Ogle County
105 S 5th St
Oregon, IL 61061

and the Contractor:
(Name, legal status, address and other information)

McDermid Roofing and Insulating Company
1229 Kishwaukee St
Rockford, IL 61104

for the following Project:
(Name, location and detailed description)

Ogle County Corrections Office 2014 Roof Replacement

The Architect:
(Name, legal status, address and other information)

N/A

The Owner and Contractor agree as follows.

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An Additions and Deletions Report that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

AIA Document A201™-2007, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.
TABLE OF ARTICLES

1 THE CONTRACT DOCUMENTS
2 THE WORK OF THIS CONTRACT
3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
4 CONTRACT SUM
5 PAYMENTS
6 DISPUTE RESOLUTION
7 TERMINATION OR SUSPENSION
8 MISCELLANEOUS PROVISIONS
9 ENUMERATION OF CONTRACT DOCUMENTS
10 INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS
The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT
The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
§ 3.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner.
(Insert the date of commencement if it differs from the date of this Agreement or, if applicable, state that the date will be fixed in a notice to proceed.)

To be determined.

If, prior to the commencement of the Work, the Owner requires time to file mortgages and other security interests, the Owner’s time requirement shall be as follows:

N/A

§ 3.2 The Contract Time shall be measured from the date of commencement.

§ 3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than ( ) days from the date of commencement, or as follows:
(Insert number of calendar days. Alternatively, a calendar date may be used when coordinated with the date of commencement. If appropriate, insert requirements for earlier Substantial Completion of certain portions of the Work.)
PORTION OF WORK

100% subject to adjustments of this Contract Time as provided in the Contract Documents.

INsert provisions, if any, for liquidated damages relating to failure to achieve Substantial Completion on time or for bonus payments for early completion of the Work.

N/A

ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor’s performance of the Contract. The Contract Sum shall be One Hundred Twenty Thousand Two Hundred Dollars and No Cents ($120,200.00), subject to additions and deductions as provided in the Contract Documents.

Contract Sum includes Labor and Materials provided by McDermaid Roofing exclusive of materials provided by Owner/Garland. See Exhibit B (Bid Form) for breakdown.

§ 4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner:

(Identify the numbers or other identification of accepted alternates. If the bidding or proposal documents permit the Owner to accept other alternates subsequent to the execution of this Agreement, attach a schedule of such other alternates showing the amount for each and the date when that amount expires.)

§ 4.3 Unit prices, if any:

(Identify and state the unit price; state quantity limitations, if any, to which the unit price will be applicable.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Units and Limitations</th>
<th>Price Per Unit ($0.00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace Wood Blocking</td>
<td>L.F.</td>
<td>$4.90</td>
</tr>
<tr>
<td>Repair Concrete Decking</td>
<td>S.F.</td>
<td>$34.80</td>
</tr>
</tbody>
</table>

§ 4.4 Allowances included in the Contract Sum, if any:

(Identify allowance and state exclusions, if any, from the allowance price.)

| Item | Price |

ARTICLE 5 PAYMENTS

§ 5.1 PROGRESS PAYMENTS

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

1/3 due at time of material ordering
1/3 due at work 50% complete
1/3 due at time of Substantial Completion

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the first day of a month, the Owner shall make payment of the certified amount to the Contractor not later than the last day of the same month. If an Application for Payment is received by the Architect after the application date fixed above, payment shall be made by the Owner not later than the last day of the following month.

(Federal, state or local laws may require payment within a certain period of time.)

Init. / 

§ 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor’s Applications for Payment.

§ 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5.1.6 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

.1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of zero percent (0 %). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Section 7.3.9 of AIA Document A201™−2007, General Conditions of the Contract for Construction;

.2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of zero percent (0 %);

.3 Subtract the aggregate of previous payments made by the Owner; and

.4 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in Section 9.5 of AIA Document A201−2007.

§ 5.1.7 The progress payment amount determined in accordance with Section 5.1.6 shall be further modified under the following circumstances:

.1 Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Architect shall determine for incomplete Work, retainage applicable to such work and unsettled claims; and (Section 9.8.5 of AIA Document A201−2007 requires release of applicable retainage upon Substantial Completion of Work with consent of owner, if any.)

.2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Section 9.10.3 of AIA Document A201−2007.

§ 5.1.8 Reduction or limitation of retainage, if any, shall be as follows:
(If it is intended, prior to Substantial Completion of the entire Work, to reduce or limit the retainage resulting from the percentages inserted in Sections 5.1.6.1 and 5.1.6.2 above, and this is not explained elsewhere in the Contract Documents, insert here provisions for such reduction or limitation.)

N/A

§ 5.1.9 Except with the Owner’s prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 5.2 FINAL PAYMENT

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

.1 the Contractor has fully performed the Contract except for the Contractor’s responsibility to correct Work as provided in Section 12.2.2 of AIA Document A201−2007, and to satisfy other requirements, if any, which extend beyond final payment; and

.2 a final Certificate for Payment has been issued by the Architect.

§ 5.2.2 The Owner’s final payment to the Contractor shall be made no later than 30 days after the issuance of the Architect’s final Certificate for Payment, or as follows:
30 days after Substantial Completion of the roof system if final payment is submitted on or before the first day of the month.

ARTICLE 6  DISPUTE RESOLUTION

(Paragraphs deleted)
§ 6.2 BINDING DISPUTE RESOLUTION
For any Claim subject to, but not resolved by, mediation pursuant to Section 15.3 of AIA Document A201–2007, the method of binding dispute resolution shall be as follows:
(Choice the appropriate box. If the Owner and Contractor do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.)

[  X ]  Arbitration pursuant to Section 15.4 of AIA Document A201–2007

[  ]  Litigation in a court of competent jurisdiction

[  ]  Other (Specify)

ARTICLE 7  TERMINATION OR SUSPENSION
§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201–2007.

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2007.

ARTICLE 8  MISCELLANEOUS PROVISIONS
§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2007 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located. (Insert rate of interest agreed upon, if any.)

1.0 % per month

§ 8.3 The Owner’s representative:
(Name, address and other information)

Don Griffin
Long Range Planning Board Chair
105 S 5th St
Oregon, IL 61061
815-732-3101
§ 8.4 The Contractor’s representative:
(Name, address and other information)

Paul W. Narretta
Vice President
McDermaid Roofing and Insulation Co.
1229 Kishwaukee St
Rockford, IL 61104

§ 8.5 Neither the Owner’s nor the Contractor’s representative shall be changed without ten days written notice to the other party.

§ 8.6 Other provisions:

 Markup on Change Order items shall be limited to a maximum of 10%.

ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS

§ 9.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated in the sections below.

§ 9.1.1 The Agreement is this executed AIA Document A101–2007, Standard Form of Agreement Between Owner and Contractor.

(Paragraph deleted)

§ 9.1.3 The Supplementary and other Conditions of the Contract:

<table>
<thead>
<tr>
<th>Document</th>
<th>Title</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

§ 9.1.4 The Specifications:
(Either list the Specifications here or refer to an exhibit attached to this Agreement.)

Exhibit A - Ogle County Corrections Office 2014 Roof Replacement (Specifications)

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

§ 9.1.5 The Drawings:
(Either list the Drawings here or refer to an exhibit attached to this Agreement.)

N/A

<table>
<thead>
<tr>
<th>Number</th>
<th>Title</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

§ 9.1.6 The Addenda, if any:

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 9.

§ 9.1.7 Additional documents, if any, forming part of the Contract Documents:
.1 AIA Document E201™-2007, Digital Data Protocol Exhibit, if completed by the parties, or the following:

.2 Other documents, if any, listed below:
(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201-2007 provides that bidding requirements such as advertisement or invitation to bid, Instructions to Bidders, sample forms and the Contractor's bid are not part of the Contract Documents unless enumerated in this Agreement. They should be listed here only if intended to be part of the Contract Documents.)

ARTICLE 10 INSURANCE AND BONDS
The Contractor shall purchase and maintain insurance and provide bonds as set forth in Article 11 of AIA Document A201-2007.
(State bonding requirements, if any, and limits of liability for insurance required in Article 11 of AIA Document A201-2007.)

<table>
<thead>
<tr>
<th>Type of insurance or bond</th>
<th>Limit of liability or bond amount ($0.00)</th>
</tr>
</thead>
</table>

This Agreement entered into as of the day and year first written above.

[Signature]
OWNER (Signature)

[Signature]
CONTRACTOR (Signature)

[Printed name and title]
Owner (Printed name and title)

[Printed name and title]
Contractor (Printed name and title)

7-12-14
PROJECT MANUAL

FOR

OGLE COUNTY
CORRECTIONS OFFICE
2014 ROOF REPLACEMENT
OREGON, IL 61061

JUNE 11, 2014

BIDS DUE:
JUNE 18, 2014
1PM CST

Owner: Ogle County
105 South 5th Street
Oregon, Illinois 61061
Ogle County

Corrections Office Roof Replacement

Specification Package Table of Contents

Section Description:

Bid Form

Section 01 01 00 Summary of Work

Section 01 64 00 Owner Furnished Products

Section 00 72 00 General Conditions

Section 07 22 00 Roof Deck and Insulation

Section 07 55 00 Modified Bitumen Membrane Roofing

Section 07 62 00 Sheet Metal Flashing and Trim

Section 01 43 33.75 Roofing Manufacturers Field Services

Section 01300 Submittals
OGLE COUNTY
Corrections Office Roof Replacement Bid Form

SUBMIT BIDS TO: OGLE COUNTY CLERKS OFFICE
105 5th Street Suite 104
Oregon, IL 61061

BID DUE DATE/TIME: Wednesday June 18th, 2014
1:00pm CST

I, the undersigned, having familiarized myself with the attached Contract Documents do hereby propose to furnish all labor, equipment, materials (non-Client supplied) supervision, etc. and to complete all work as specified in these Documents and Specifications. Contractor is responsible for all work necessary to complete the work as written in the specifications. By my submission of this Bidding Proposal I acknowledge the receipt of the Package containing the following: General Conditions & Requirements, General Instructions to Bidders, Detailed Specifications, Detailed Rooftop Diagrams, and Detailed Specification Drawings. To provide supervision, labor, materials, insurance and equipment for roof replacement of the following items, per the attached:

**Ogle County Corrections Office – Base Bid:**

A. Reroofing work required exclusive of the Owner Furnished materials provided through US Communities Government Purchasing Alliance program for the sum of:

______________________________________________________________________ Dollars ($______________)

B. Total amount of the Owner Furnished materials provided through US Communities Government Purchasing Alliance program:

______________________________________________________________________ Dollars ($______________)

C. Total Bid (A+B)

______________________________________________________________________ Dollars ($______________)

Additional Items as Needed:

Additional Price to Add Wood Blocking as Needed: $______________ l.f.

Additional Price for Concrete Deck Repair: $______________ s.f.

Addenda Received

CONTRACTOR INFORMATION:

NAME: ________________________________

SIGNATURE: ________________________________

TITLE: ________________________________

BUSINESS NAME: ________________________________

CONTRACTOR ADDRESS: ________________________________

DATE: ________________________________
PART 1 – GENERAL

1.1 SUMMARY

A. DESCRIPTION: It is the intent of Ogle County to purchase materials for the Ogle county Corrections Office Roof Replacement located at 107 S. 5th Street Oregon, IL directly from Garland/DBS, Inc., based upon the Agency’s participation in the U.S. Communities™ Government Purchasing Alliance’s program for Roofing Supplies and Related Products and Services, as priced by and awarded to Garland/DBS, Inc., resulting from the competitively solicited Sealed Bid # 09-5408 issued by the Cobb County Board of Commissioners.

1.2 DEFINITIONS

A. GENERAL: The following are used to identify products as noted on the Drawings.

B. OWNER FURNISHED CONTRACTOR INSTALLED (O.F.C.I.): Products or equipment furnished by the Owner for installation under this contract.

PART 2 – PRODUCTS

2.1 PRODUCTS

A. ROOFING MATERIAL FURNISHED BY OWNER (O.F.C.I.): County supplied material through the U.S. Communities™ Government Purchasing Alliance Program. Related specification sections include, but not limited to;

   - Section 075200 Modified Bituminous Membrane Roofing
   - Section 01433.75 Roofing Manufacturers Field Services
   - Section 01010 Summary of Work

B. Material List

1. It is the responsibility of the bidder to obtain any product-related information and pricing regarding the Garland supplied materials from the Garland representative prior to bid submission.


   815-990-957 – Jmlakar@garlandind.com
2. The bidder takes full responsibility for the material amounts submitted on bid. Any additional materials required to complete the Project, over and above the amount submitted by the bidder, will be billed to the bidder directly and will not be the responsibility of the Agency.

PART 3 — EXECUTION

3.1 CONTRACTOR’S RESPONSIBILITIES

B. SUBMITTALS: Review shop drawings, product data and samples and submit to owner with notification of any discrepancies or problems anticipated in use of product.

C. DELIVERY:
   1. General: Designate delivery date for each product in Progress Schedule.
   2. Receiving: Receive and unload products at site. Handle products at site, including uncrating and storage.
   3. Inspection: Promptly inspect products jointly with Owner; record shortages, damaged or defective items.
   4. Storage: Protect products from damage or exposure to elements.

D. INSTALLATION:
   1. General: Assemble, install, connect, adjust and finish products, as stipulated in the respective section of Specifications.
   2. Repair and Replacement: Items damaged during handling and installation.

* End Section 01640 *
SECTION 00 72 00

GENERAL CONDITIONS

PART 1 GENERAL

1. DEFINITIONS

A. The contract document consists of the AGREEMENT, the GENERAL CONDITIONS of the contract, the DRAWINGS and the SPECIFICATIONS, including all revisions hereeto.

B. The Owner, the Contractor and the Owner’s Representative shall be indicated as such throughout these documents. The term Contractor as used herein shall designate the successful bidder to whom the roof contract is awarded.

C. The term Owner shall be understood to be: Sheriff Michael Harn of Ogle County.

D. The term Owner’s Representative shall be understood to mean the representative of the primary material manufacturer.

2. OWNER’S REPRESENTATIVE STATUS

A. The Owner’s Representative shall have general Rights of Inspection of the work and is the agent of the Owner in all matters pertaining to the work as provided in the Contract Documents. The Owner’s Representative has the authority to stop work whenever such stoppage may be necessary to ensure the proper execution of the contract and shall have authority to reject any and all materials, whether worked or unworked, if such materials are not in accordance with the plans and specifications.

3. CONDITION OF SITE

A. The bidders shall visit the site before submitting their bids and determine the field conditions affecting their work. In considering the bids, the Owner will assume that the bidders are aware of all items, pertinent to their work and have made allowance for same in their bids.

4. VERIFICATION OF DIMENSIONS AND ELEVATIONS

A. Dimensions and elevations indicated on the drawings in reference to existing structures or utilities are the best available data but are not guaranteed by the Owner’s Representative and the Owner’s Representative will not be responsible for their accuracy. Before bidding on any paperwork dependent upon the data involved, the Contractor shall field check and verify all dimensions, grades, lines, levels or other conditions of limitations at the site to avoid construction errors. If any work is performed by the Contractor or any of his/her subcontractors prior to
adequate verification or applicable data, any resultant extra cost for adjustment of work as required to conform to existing limitations, shall be assumed by the Contractor without reimbursement or compensation by the Owner.

5. PROTECTION OF OWNER’S OPERATIONS

A. The Contractor shall erect such barriers, tarpaulins, doors, etc., as may be necessary to protect the Owner’s operations while work is in progress. Any such openings that are essential to carrying on the work shall be securely closed by the Contractor when not in use to protect the Owner’s operations.

6. PROTECTION OF WORK AND PROPERTY

A. The Contractor shall maintain adequate protection of all his/her work from damage and shall protect the Owner’s and adjacent property from injury or loss arising from this contract. He/she shall provide and maintain at all times any danger signs, guards and/or obstructions necessary to protect the public and his/her workmen from any dangers inherent with or created by the work in progress. He/she shall hold the Owner harmless from any loss arising due to injury or accident to the public or his/her workmen, or from theft of materials stored at the job site. All materials will be stored in locations other than on roof surfaces except as necessary and shall then be placed on plywood or other type of material to protect the roof surface at all times.

B. Before starting any work, the Contractor shall protect all grounds, copings, paving and exterior of all buildings where work will be performed.

C. In those areas where materials and/or hot asphalt will be raised to the roof area, a protective covering shall be placed from the base of the wall extending up and over the top edge of the roof. This coverage shall be wide enough to assure that the exterior walls do not become stained or soiled during roofing operations.

D. Any areas of the building or grounds which have become stained or damaged in any way shall be repaired or replaced by the Contractor prior to the final inspections. The method of repair used must be acceptable to both the Owner and the Owner’s Representative.

7. MATERIAL STORAGE AND CLEAN-UP

A. The Contractor shall keep the premises free from rubbish at all times and shall arrange his/her material storage so as not to interfere with the Owner’s operations. At the completion of the job, all the unused material and rubbish shall be removed from the site. The ground shall be raked clean and the building shall be broom cleaned. If the Contractor refuses at any time to remove his/her debris from the premises, or to keep the working area clean, such cleaning will be completed by the Owner and deducted from the balance due the Contractor.

B. The Contractor shall also remove drippage of bitumen or adhesive from all walls, windows, floors, ladders and finished surfaces. Failure to do so will result in the
work being done by others and the cost shall be deducted from the balance due the Contractor.

C. Materials must be delivered with manufacturer’s label in tact and legible. Labels must be affixed to the outside of the package stating the type of product, name and address of the manufacturer. All materials shall be stored and protected against weather, vandalism, and theft. Any materials found to be damaged or missing shall be replaced by the Contractor at no cost to the Owner.

8. INSPECTION OF WORK

A. Where the drawings or specifications require the inspection and approval of any work in progress by the Owner’s Representative, the Contractor shall give that Representative ample notice to allow for scheduling the inspection, which shall be made promptly to avoid delay of work. If work has progressed without the required inspections or approval by the Representative, it shall be uncovered for inspection at the Contractor’s expense.

B. Uncovering of work not originally inspected, or uncovering questioned work may be ordered by the Owner’s Representative and it shall be done by the Contractor. If examination proves such work to be incorrectly done or not done in accordance with the plans and specifications, the Contractor shall bear all cost of the reexamination. If the work is proven correctly installed, all such expense shall be born by the Owner.

9. INSPECTION OF WORK IN PROGRESS AND UPON COMPLETION

A. If directed by the Owner’s Representative, the Contractor shall cut not more than four (4) cores, of approximately 200 square inches each, from every newly constructed roof area, in order to establish the amount of materials used per square foot, and shall restore all such areas to sound and watertight conditions as prior to the core testing.

B. In the event that such core cuts disclose any deficiency in materials, or soundness of construction, the Contractor shall, at his/her own expense, apply additional materials or otherwise correct the deficiencies to the satisfaction of the Owner’s Representative.

C. Noncompliance with the terms of this specification and ensuing contract can result in either the cancellation of the contract, or complete replacement of the defective areas at the Contractor’s expense. In the event of cancellation, the Owner will not be obligated to compensate the Contractor for any work undertaken in a defective manner.
D. Damages caused by water infiltration resulting from the failure of the Contractor to secure each day’s work in a weather tight manner, will be corrected at the Contractor’s expense. Included as damages will be all labor costs incurred by the Owner as a result of such water infiltration.

E. The Owner will require the Owner’s Representative to examine the work in progress, as well as upon completion, in order to ascertain the extent to which the materials and procedures conform to the requirements of these specifications and to the published instructions of the Manufacturer.

F. The authorized Owner’s Representative shall be responsible for:
   1. Keeping the Owner informed on a periodic basis as to the progress and quality of the work;
   2. Calling to the attention of the Contractor those matters he/she considers to be in violation of the contract requirements;
   3. Reporting to the Owner any failure or refusal of the Contractor to correct unacceptable practices;
   4. Conducting preliminary and subsequent job-site meetings with the Contractor’s official job representative;
   5. Supervising the taking of test cuts, and the restoration of such areas;
   6. Rendering any other inspection services which the Owner may designate; and
   7. Certifying, after completion of the work, the extent to which the Contractor has complied with these specifications as well as to the published instructions of the Manufacturing Company.

G. The presence and activities of the Owner’s Representative shall in no way relieve the Contractor of his/her contractual responsibilities.

10. MISCELLANEOUS UTILITIES

A. Electrical power will be furnished by the Owner for small tools only. All connections to the electrical system will be furnished by the Contractor.

B. Water for concrete, mortar, washing and drinking purposes will be furnished by the Owner. Any connections to the water system shall be completed by the Contractor.

C. At the completion of the work, or when the above connections are no longer required, the Contractor shall remove all connections and leave the facilities in a condition at least as satisfactory as prior to the commencement of his/her work.

D. Toilet facilities will be provided by the Contractor. The Contractor will be responsible for supplying a portable toilet on the job-site. The Contractor’s personnel are not permitted to enter the building without proper authorization from the Owner or Owner’s Representative.
11. CHANGES OR EXTRA WORK

A. The Owner may, without invalidating the original contract, order such changes or additions as may from time to time be deemed desirable. In so doing, the contract price shall be adjusted, as stated below, with all work being done under the conditions of the original contract except for such adjustments in extension of time as may be acceptable to the Owner. The value of such extra work shall be determined in one of the following ways:
   1. By firm adjustment;
   2. By cost plus with a guaranteed maximum;
   3. By cost with a fixed fee; or
   4. By unit cost.

B. If agreement is reached that the extra cost shall be handled as per methods 2, 3, or 4, the Contractor shall keep and compile a correct amount of the cost together with such vouchers, etc., as may be necessary to substantiate same for presentation to the Owner. The Owner’s Representative shall have authority to make minor job changes or additions as may be necessary to expedite the job providing such changes do not involve additional material cost. No major change or addition shall be made except upon receipt by the Contractor of a signed order from the Owner authorizing such a change. No claims for an extra to the contract price shall be valid unless so authorized.

C. All work covered by unit prices submitted by the Contractor in his/her proposal must be covered by a written work order. The Owner’s Representative will prepare the work order in triplicate covering the quantity of work and the total cost of the work. The work order which will be written at the end of each day, will be signed by the Owner’s Representative and the Contractor’s foreman and/or superintendent.

12. CORRECTION OF WORK PRIOR TO FINAL PAYMENT

A. The Contractor shall promptly remove any work that does not meet the requirements of the plans and specifications or is incorrectly installed or otherwise disapproved by the Owner of the Owner’s Representative as failing to meet the intent of the plans and specifications. The Contractor shall promptly replace any such work without expense to the Owner and shall bear the cost of making good all work of other contractors, or the Owner, destroyed or damaged by such removal or replacement.

13. CORRECTION OF WORK AFTER FINAL PAYMENT

A. The Contractor shall guarantee all materials and workmanship for two (2) years from date of final payment of the contract by the Owner. Any defects which may arise during this period shall be promptly repaired by the Contractor including any damage done to the Owner’s property due to such defects.
14. DEDUCTION FOR UNCORRECTED WORK

A. If the Owner deems it unacceptable to have the Contractor correct work which has been incorrectly done, a deduction from the contract price shall be agreed upon therefore. Such a deduction from the contract price shall in no way affect the Contractor’s responsibility for defects which may occur nor his/her ability for correcting them, and damage caused by them.

15. LIENS

A. The Contractor shall, if required by the Owner, furnish him/her with a release in full of all liens arising out of this contract or in lieu thereof, and receipts in full for all materials and labor on the job. In either case, the Contractor shall furnish an affidavit that the liens or receipts include all the labor and material for which a lien could be filed. In lieu of the above, the Contractor may at his/her option furnish a bond to indemnify the Owner against all hazard of liens. Neither part nor final payment shall in any way release the Contractor from the above obligation and in the event that part or full payment has been made and any lien remains undischarged, the Contractor shall refund to the Owner the necessary funds to discharge such a lien including all cost and attorney’s fees.

16. JOB CONDITIONS

A. All surfaces to be covered shall be smooth, dry, and free from dirt, debris, and foreign material before any of this work is installed. Pumping equipment shall be located on the ground at a safe distance from building; the location being subject to the approval of the Owner. The Contractor shall be responsible for guarding against fires, and shall provide suitable fire extinguishers conveniently located at the site. Competent operators shall be in attendance at all times equipment is in use. Materials shall be stored neatly in areas designated by the Owner and dispersed so as to present a minimum fire hazard. Loads placed on the roof at any point shall not exceed the safe load for which the roof is designed.

B. There is NO SMOKING allowed inside any buildings and the Contractor shall be responsible for enforcement of this job rule at all times with his/her personnel.

C. The Contractor should be aware of Owner’s property when tearing off the existing roof. This is required for removal of dirt, silt, debris, roof membrane and insulation from the roof surface in order to preserve the ecology, eliminate unsightly conditions and protect building faces. Specific locations will be discussed at the pre bid conference.
D. Rolled Roofing Materials: All rolled roofing materials must be stored standing on end on a pallet or otherwise raised off of the roof. The materials are to be covered in a proper manner to assure that they will not become wet prior to application. Any materials that become wet or damaged must be removed from the job-site and replaced at the Contractor’s expense.

E. Asphalt Kettle: Placement of the kettle shall be in a position so as not to interfere with the ongoing operations of the Owner. The asphalt to be used must be placed on a protective covering of some type until it is raised to the roof. A minimum of two (2) fire extinguishers and “Fire Out” must be adjacent to the kettle.

F. Ladders: Any ladders used on this project must be in good condition. The ladder must also be secured at the roof line at all times while in use. All ladders must be O.S.H.A. approved.

G. No drugs or alcoholic beverages are permitted on the grounds.

H. The Contractor shall place necessary barriers and/or protection around or under all work areas where his/her operations involve risk of injury to plant.

I. The Contractor will also protect the building structure from damage in the process of the job. In the event that damage does occur to any property or equipment, or the Owner’s work in process, notification must be made within two (2) working days of the incidents to the Owner and Owner’s Representative.

J. During the progress of the job, if waste material and rubbish are found or damage resulting from the Contractor’s operations is found, or the Contractor does not comply with the requirement by keeping the premises free of accumulations and correct the damage, it shall be the Owner’s prerogative to hire personnel to do so; and the cost of this work will be deducted from the balance due the Contractor.

K. Existing roof top equipment walls, windows, etc. shall be completely protected by masking or other effective methods. Any mastics or asphalt must be cleaned off metal surfaces.

L. The Contractor is responsible for protecting all materials from the elements. If any material, such as insulation, becomes wet, it cannot be installed and must be replaced at the Contractor’s expense. NOTE: Insulation and rolled roofing materials must be covered with waterproof tarps at the end of each work day. Plastic wrappers supplied by the insulation manufacturer are not acceptable substitutes for tarps. The Owner’s Representative will reject any covering method material which does not adequately protect roofing materials.
M. Anyone guilty of willful destruction or unlawful removal of company property will be dismissed from the job and is subject to prosecution by law.

N. Any lawns damaged by Contractor vehicles will be restored with a stand of grass at the Contractor’s expense. Any damaged pavements will likewise be restored at the Contractor’s expense.

O. The Contractor must verify that all materials can be installed to accommodate the building design, pertinent codes and regulations, and the manufacturer’s current recommendations.

P. The Contractor will ensure that all substances are clean, dry, sound, smooth, and free of dirt, debris, and other contamination before any materials are supplied.

Q. Any isolated areas that must be torn off and replaced will be built-up to the height of the existing roof prior to the installation of the new roofing membrane system.

17. WORKMANSHIP

A. All materials will be securely fastened and placed in a watertight, neat and workmanlike manner. All workmen shall be thoroughly experienced in the particular class or work upon which they are employed. All work shall be done in accordance with these specifications and shall meet the approval of the Owner or Owner’s Representative. The Contractor’s representative or job supervisor shall have a complete copy of specifications and drawings on the job-site at all times.

B. Contractor shall plan and conduct the operations of the work so that each section started on one day is complete and thoroughly protected before the close of work for that day.

18. INSULATION

A. Insulation shall have accurate dimensional stability so as to properly conform to the surfaces of the roof, cants, curbs, pipes, etc. Joints between boards shall be tight and insulation shall be held back 1/4” from vertical surfaces and sumps. Insulation shall be protected from the weather at all times. No more insulation shall be laid than can be completely covered with roof materials on the same day. A base sheet shall not be considered as a proper weather barrier.

B. Insulation that becomes wet during or after installation shall be removed and replaced with dry insulation. If roofing is in place, the roofing shall be also replaced. All replacing work shall be done at no added cost to the Owner.
19. **ROOF DECK**

A. Contractor shall notify the Owner or Owner’s Representative of any unforeseen areas of wet insulation. Where the damage is serious and extensive, it will be the Owner’s prerogative to authorize removal and replacement of deteriorated roofing, insulation and repair of the vapor barrier, if present. Where damage to the roof deck is found, the Contractor shall furnish the Owner with a unit price for removal and replacement of the damaged deck.

20. **SAFETY**

A. Contractor shall conform to requirements as designated by the United States Federal Government (O.S.H.A.). Contractor shall abide by all regulations as outlined in the O.S.H.A. handbook and shall have a handbook on location at all times.

B. Contractors hereby acknowledged that they and their workers have undergone Safety Training and shall at all times act in compliance with all NRCA recommended safety compliance rules and regulations.

21. **INSURANCE**

A. The following standard indemnity agreement and minimum insurance requirements are incorporated in the Specifications for all work performed by Contractors for the Owner, its affiliated and associated organizations or subsidiaries, hereinafter referred to as Owner.

1. **THE CONTRACTOR AGREES TO INDEMNITY AND SAVE THE OWNER AND OWNER’S REPRESENTATIVE HARMLESS FROM AND AGAINST ANY AND ALL COSTS, LOSS AND EXPENSE, LIABILITY DAMAGES, OR CLAIMS FOR DAMAGES, INCLUDING COST FOR DEFENDING ANY ACTION, ON ACCOUNT OF ANY INJURY TO PERSONS (INCLUDING DEATH) OR DAMAGE TO OR DESTRUCTION OF PROPERTY OF THE OWNER, ARISING OR RESULTING FROM THE WORK PROVIDED FOR OR PERFORMED, OR FROM ANY ACT, OMISSION, OR NEGLIGENCE OF THE CONTRACTOR, SUBCONTRACTOR AND THEIR AGENTS OR EMPLOYEES. THE FOREGOING PROVISIONS SHALL IN NO WAY BE DEEMED RELEASED, WAIVED OR MODIFIED IN ANY RESPECT BY REASON OF ANY INSURANCE OR SURETY PROVIDED BY THE CONTRACTOR.**

2. All sub-contractors are required to file Certificated of Insurance properly completed and signed by an authorized insurance company representative before their work commences on the job or job site. No monies will be paid until the acceptable certificates are on file with the Contractor. Such certificates shall provide that there will be no cancellation, reduction or modification of coverage without thirty (30) days prior written notice to the Contractor. In the event such certificates are not provided to the Contractor prior commencement of work, Contractor’s failure to demand such certificates shall not be deemed a waiver of Subcontractor’s requirement to obtain the subject insurance.

3. The Contractor shall provide and maintain standard fire, extended coverage perils, vandalism and malicious mischief insurance to protect the interest of
both the Contractor and the Owner for materials brought into the job or stored on the premises. Such insurance shall be for 100% of the insurable value of the work to be performed including all items of labor and materials incorporated therein, materials stored at the job-site to be used in completing the work, and such other supplies and equipment incidental to the work as are not owned or rented by the Contractor, the cost of which are included in the direct cost of the work. This insurance shall not cover any tools, derricks, machinery, tar buckets, ladders, engines, workmen's quarters, boilers, pumps, wagons, scaffolds, forms, compressors, shanties, or other items owned or rented by the Contractor, the cost of which is not included in the direct cost of the work.

4. In accordance with Section (1.21), the Contractor and subcontractor(s) shall maintain the following insurance:
   a. Workmen's Compensation and Employer's Liability Insurance affording:
      1) Protection under the Workmen's Compensation Law of the States in which the work is performed; and
      2) Employer's Liability protection subject to a minimum limit of $100,000.
   b. Comprehensive General Liability Insurance in amounts not less than:
      1) Personal Injury: $1,000,000 per person (including bodily injury) $1,000,000 per occurrence
      2) Property Damage: $1,000,000 per occurrence
   c. Comprehensive Automobile Liability Insurance in the following minimum amounts:
      1) Bodily Injury $1,000,000 per person $1,000,000 per occurrence
      2) Property Damage $1,000,000 per occurrence
   d. This insurance shall:
      1) Include coverage for the liability assumed by the Contractor under this section (section 1.21.A.1) (Indemnity);  
      2) Includes coverage for:
            a) Premises, operations and mobile equipment liability
            b) Completed operations and products liability
            c) Contractual liability insuring the obligation assumed by the subcontractor in this agreement.
            d) Liability which subcontractor may incur as a result of the operations, acts or omissions of subcontractors, suppliers or material men and their agents or employees; and
            e) Automobile liability including owned, non-owned and hired automobile.
   e. All coverage will be on an occurrence basis and on a form acceptable to the Contractor.
      1) Include completed operation coverage which is to be kept in force by the Contractor for a period of not less than one year after completion of the work provided for or performed under these specifications;
      2) Not be subject to any of the special property damage liability exclusions commonly referred to as the exclusions pertaining to blasting or explosion, collapse or structural damage and underground property;
      3) Not be subject to any exclusion of property used by the insured or property in the case, custody or control of the insured or
property as to which the insured for any purpose is exercising physical control; and

4) The Certificate of Insurance furnished by the Contractor shall show specific reference that each of the foregoing items have been provided for.

5. The Certificates of Insurance furnished by the Contractor as evidence of the Insurance maintained by him shall include a clause obligating the Insurer to give the Owner thirty (30) days prior written notice or cancellation of any material change in the insurance.

22. WORK HOURS AND DAYS

A. When the Contract is awarded, the Contractor will contact the Owner’s Representative to arrange the work schedule and the hours of the day that the workmen may be on the building. The job is to be bid under the assumption that all work will be performed on a straight time basis.

23. COMPLIANCE WITH LAWS

A. The Contractor shall give notices, pay all fees, permits and comply with all laws, ordinances, rules and regulations bearing on the conduct of work.

24. OWNER’S RULES

A. The Contractor and all his/her personnel/agent(s) shall abide by all rules created by the Owner. The Contractor must contact the Owner’s Representative for specific information regarding the rules governing all operations of the project.

B. The Contractor shall properly notify all employees of conditions relating to roof areas with very poor condition and which will be worked on. After such notification, the Contractor must take all necessary precautions to ensure the safety of his/her employees as well as the building personnel.

C. THE CONTRACTOR SHALL “HOLD HARMLESS” THE MATERIAL MANUFACTURER, AGAINST ANY LITIGATION ARISING FROM ANY ACCIDENTS DURING THE COURSE OF THE CONTRACT.

25. SAFETY AND ECOLOGY

A. The Contractor(s) shall conform to the requirements as designated by the United States Federal Governments (e.g., O.S.H.A).

26. ANTI-DISCRIMINATION IN EMPLOYMENT
A. Contractors and subcontractors shall not discriminate against any employees or applicant for employment, to be employed in performance of his/her contract, with respect to his/her hire, tenure, terms, conditions or privileges of employment because of his/her race, color, gender, sexual preference, religion, national origin, or ancestry.

PART 2 INSTRUCTIONS TO BIDDERS

1. WITHDRAWAL OR MODIFICATION OF BID

A. Any Bidder may withdraw his/her bid at any time before the scheduled closing date of the bid by appearing in person or by sending an authorized representative of the Bidder. An appointment should first be scheduled by calling the Owner’s Representative. The Bidder or his/her representative shall be asked to sign, in writing that the bid was returned to him/her after the withdrawal from the contract, the Bidding Contractor may not resubmit them.

2. BID OPENINGS

A. Bids will be opened publicly and read aloud at the published date and time. Notice of award will be made by written correspondence.

3. QUESTIONS

A. Technical questions regarding this bid can be directed to:

   a. Jason Mlakar - The Garland Company, Inc  jmlakar@garlandind.com  815-990-0947

C. It is the Contractor’s responsibility, during the course of the work, to bring to the attention of the Owner’s Representative any defective membrane, insulation or deck discovered which has not been previously identified.

4. RESPONSIBILITY FOR MEASUREMENTS AND QUANTITIES

A. The Bidding Contractors shall be solely responsible for all accuracy of all measurements and for estimating the material required to satisfy these specifications.

5. EMPLOYMENT AND WAGES PAID

A. Wage Rules:

   1. Each craft, type of worker and mechanic needed to execute the Contract shall be paid the prevailing wage rate for the locality in which the work is performed, in accordance with all federal laws and laws of the State as well as ordinances and regulations applicable to the work hereunder and having force of law.
6. DISCREPANCIES AND ADDENDA

A. Should a Bidder find any discrepancies in the Drawings and Specifications, or should he be in doubt as to their meaning, he/she shall notify the Owner’s Representative at once, who will send a written Addendum to all Bidders concerned. Oral instructions or decisions, unless confirmed by Addenda, will not be considered valid, legal or binding.

B. No extras will be authorized because of the Contractor’s failure to include work called for in the Addenda in his/her bid.

C. It shall be the responsibility of all Bidders to call to the Owner’s Representative’s attention at the pre bid meeting, any discrepancies which may exist between or with any of the contract documents, or any questions which may arise as to their true meaning.

D. Modifications to the specifications (if necessary) will be followed by an addendum; no verbal discussions or agreements shall be recognized.

6. COMPETENCY OF THE BIDDERS

A. To enable the Owner to evaluate the competency and financial responsibility of a Contractor, the low Bidder shall, when requested by the Owner, furnish the information indicated in Section 5.0 below, entitled Contractor’s Qualification Statement, which shall be sworn to under oath by him/her or by a properly authorized representative of the Bidder.

7. DISQUALIFICATION OF BIDDERS

A. Any one or more of the following causes may be considered sufficient for the disqualification of a Bidder and the rejection of his/her bid(s):
   1. Failure to attend the pre bid meeting;
   2. Evidence of collusion among Bidders;
   3. Lack of responsibility as revealed by either financial, experience or equipment statements, as submitted;
   4. Lack of expertise as shown by past work, and judged from the standpoint of workmanship and performance history;
   5. Uncompleted work under other contracts which, in the judgment of the Owner, might hinder or prevent the prompt completion of additional work if awarded; or
   6. Being in arrears on existing contracts, in litigation with an Owner, or having defaulted on a previous contract.

8. NOTICE OF AWARD

A. The award of this contract for the work is contingent upon receipt of an acceptable bid. Any part of or all bids may be rejected. All bids shall be good for a period of
sixty (60) days following the date the bids are due. The contract shall be deemed as having been awarded when the formal notice of acceptance of his/her proposal has been duly served upon the intended awardee by an authorized officer or agent of the Owner.

9. WARRANTY

A. A written warranty which will commence from date of acceptance by Manufacturer must be supplied with the roof installation. This warranty will cover all defects in workmanship and materials. Damages caused by storm, vandalism and other trades are not included in the warranty. This warranty shall be from the manufacturer (See further, Statement of Policy).

B. A two (s) year workmanship warranty is required from the Contractor for all remedial maintenance done under the terms of this contract.

10. START AND COMPLETION DATE

A. Work shall be completed no later than SEPTEMBER 30th 2014.

B. All work as required in these specifications and drawings shall be completed within sixty (60) days of the start date, or as agreed upon by the parties.

D. The Contractor is responsible for supplying trained workmen in proper numbers and for scheduling and laying out his/her work, so that it will be started and completed in a professional manner within the time period indicated on his/her Proposal form.

E. If the Contractor sets equipment onto the job-site without commencing work immediately, the action will be considered “Spiking the job” which is unacceptable and will be considered a breach of contract by the Contractor; thereby, the contract will be terminated and the Contractor at no cost to the Owner, must remove his/her equipment and possessions from the job-site upon notification by the Owner.

11. PAYMENT

A. Payment for materials shall only be made after the material has been delivered to the job-site. An invoice for the material must be presented to the Owner for payment. Materials are not to be delivered to the job-site until the project is ready to begin. The Contractor must provide a release of lien from the Material Manufacturer. Subsequent requests for payment can made monthly. Final payment for the project will be made following completion, after final inspection has been made and an invoice presented to the Owner. A 10% retainer shall be held until delivery of the warranty.
B. When the job in progress is interrupted for two (2) weeks or longer by causes beyond the Contractor’s control such as a strike, weather, acts of God, etc., the Owner agrees to pay, upon request of the Contractor, a price equivalent to the percentage of work completed at that time. Regular progress payments shall be made for labor and/or materials.

C. Each invoice shall be accompanied by a detailed estimate of the amounts and values of labor expended and materials purchased up to the last day of the preceding month. The amount of the invoice shall not exceed ninety percent (90%) of the labor and material values estimated for the preceding month.

D. Such payments shall be viewed by both parties as progress payments and shall not in any way relieve the Contractor of performance obligations under this contract, nor shall such payments be viewed as approval or acceptance of work performed under this contract.

E. Final payment shall be withheld until all provisions of the specifications are met, including all necessary clean-up, and the Owner receives written verification of completion.

F. Upon completion of the job, the Owner, the Owner’s Representative, and the Contractor will make final inspection of the work done, and the Owner’s Representative if requested by Owner’s Representative.

G. All payments for material used in the execution of this contract can be made by a check issued jointly, payable to the Contractor and Owner’s Representative will sign a completion slip authorizing final payment.

H. If requested by the Owner and/or Owner’s Representative, the Contractor shall provide a Letter of Credit from the bank to secure payment to material supplier.

I. If requested by the Owner and/or Owner’s Representative, a certified check shall be paid by the Contractor to material supplied prior to release of order.

J. If requested by the Owner and/or Owner’s Representative, a certified check shall be paid by the Contractor to material supplier via common carrier upon receipt of delivery.

K. Contractor shall have a pre-approved line of credit from the material supplier.
L. Final payment shall be made to the Contractor no later than thirty (30) days after job approval, providing the Contractor submits waivers of lien with his/her final invoice indicating that all suppliers have been paid.

12. PERFORMANCE AND PAYMENT BOND

A. The successful Contractor will be responsible for securing a performance and payment bond from an acceptable bonding company. The cost of the bond will be paid directly by the Contractor. Contractor has to identify his/her bonding company and agent, submitting this documentation with his/her proposal. Note: See “Instruction to Bidders.”

B. Financial documentation prescribed by the Owner to ensure that the Contractor is financially sound and capable of supporting the project to its conclusion.

C. If the successful Bidder is incorporated, an affidavit authorizing persons to sign for the Corporation. This should be in the form of minutes of the meeting of the Board of Directors, authorizing person or persons to sign for this contract work and indicating a quorum being present.

13. BID SECURITY

A. Bid Security in the amount of 5% will be required. The Security Bid shall be in the form of a certified check, cashier’s check, bank draft, or bid bond from a bonding company with a Best rating of “B” or better, payable to the owner.

14. TERMINATION BY THE OWNER FOR CAUSE

A. The Owner may terminate the contract and finish the work by whatever reasonable method he/she deems expedient if the Contractor:

1. Persistently or repeatedly refuses to supply specified materials or to provide enough skilled workers to ensure the project will be completed within the time period indicated on his/her Proposal form;

2. Fails to make payment to sub-contractors and/or suppliers for labor and materials as stipulated in the contract documents; and

3. Is guilty of substantial breach of a provision of the contract documents.

B. When the Owner terminates the contract for any of the above reasons, the Contractor shall not be entitled to receive further payment until the work is finished. If the unpaid balance of the contract sum exceeds the cost of finishing the work, it will be paid to the Contractor. If the cost to finish the work exceeds the unpaid balance, the Contractor shall pay the difference to the Owner.

14. COMPLIANCE WITH LAWS
A. The Contractor shall give notices, pay all fees, permits and comply with all laws, ordinances, rules and regulations bearing on the conduct of work.

PART 3 --- CONTRACTOR’S INSTRUCTIONS

3.1. TAXES

A. Contractor must comply with all state, federal and local taxes. The Contractor shall accept sole and exclusive responsibility for any and all state federal taxes with respect to Social Security, old age benefits, unemployment benefits, withholding taxes and sales taxes.

3.2. CONTRACTOR’S LICENSE

A. All pertinent state and local licenses will be required.

3.3. QUALIFICATION OF BIDDERS

A. Provide State of (state here) pre-certification forms.

3.4. BUILDING PERMITS

A. The acquisition of the applicable permits and associated costs to obtain said permits will the responsibility of the successful Contractor.

3.5. JOB COORDINATION

A. Contractor is responsible for daily communication with the Owner or Owner’s Representative relating to areas of roof work in order that the Owner may adequately protect tenant’s personal belongings, and the people themselves against possible damage or injury. Contractor is also responsible for policing and protecting areas involving removal and replacement of roof projections, defective decking or other work involving deck penetration.

B. Twenty-four hours prior to starting of the project and/or delivery of materials, the Contractor shall notify ____________________________________________.

3.6. CLEAN-UP

A. Accumulated debris shall be removed periodically to assure maximum safety and sanitation at all times. At completion of work, the Contractor shall remove all excess material and debris from the site and leave all roof surfaces free from accumulations of dirt, debris and other extraneous materials. The Contractor shall
also remove any and all drippage of bituminous materials from the face of the buildings, floor, window, ladders and other finished surfaces.

3.7. SUPERINTENDENT

A. The Contractor shall keep a competent superintendent, satisfactory to the Owner and Owner’s Representative, on the job at all times when work is in progress. The superintendent shall not be changed without notifying the Owner and the Owner’s Representative unless the superintendent ceases to be in the employ of the Contractor.

B. The superintendent shall represent the Contractor in his/her absence and all directions and instructions given to the superintendent shall be as binding as if given directly to the Contractor.

C. The superintendent shall be responsible for the conduct of all the Contractor’s employees on the premises and shall promptly take necessary measures to correct any abuses called to his/her attention by the Owner.

3.8. INSPECTIONS

A. Before any material applications are made, the Owner or his/her representative and the material supplier representative shall be available to ensure a complete understanding of the specification.

B. The accepted Material Manufacturer will have a representative on site a minimum of three (3) times a week to verify compliance with the specifications, answer questions that may arise and provide on-going inspection services.

C. A final inspection shall be conducted by Owner, Contractor, and the Owner’s Representative upon being notified of completion of specified work and clean-up.

PART 4 – STATEMENT OF POLICY

4.1. ENGINEERING

A. In addition to high-quality products, the Material Manufacturer provides recommendations and/or specifications for the proper installation of its material. However, the Material Manufacturer does not, nor does its representative, practice engineering or architecture. The Material Manufacturer makes no judgments on, and hereby disclaim any responsibility for the soundness of any roof deck or other structural component of buildings upon which the Material Manufacturer products are applied, and further recommend a structural engineer to examine the deck conditions. Re-roofing or Ballasted Roofing Systems will require certification from a structural engineer that the structure will support the proposed additional weight.
4.2. GUARANTEES

A. A roofing guarantee is available for review from the Material manufacturer for the roofing systems published in these specifications. The guarantee will be issued only upon completion of all the guarantee requirements by an approved Contractor. Such guarantees cannot be altered or amended, nor may any other warranties, guarantees or representations be made by an agent or employee of the Material Manufacturer unless such alteration, amendment or additional representation is issued in writing and is signed by a duly authorized officer of the Material Manufacturer, and sealed with the Material Manufacturer seal. This guarantee does not cover cosmetic deficiencies. THE MATERIAL MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY DAMAGES TO THE BUILDING OR ITS CONTENTS OR ANY OTHER CONSEQUENTIAL DAMAGES, AND ITS RESPONSIBILITY IS LIMITED TO REPAIRING LEAKS. The Contractor will warranty the roof to the Material Manufacturer for a period of two (2) years. The Contractor will inspect the roof with the Owner’s Representative 18 months after completion, and, at the Contractor’s expense, correct any workmanship defects before the 24th month following completion of the project.

4.3. APPROVED CONTRACTORS

A. The roof systems must be applied only by those contractors who have received approval from the Material Manufacturer for such installations. No guarantees will be issued when installation has been performed by a non-approved contractor.

4.4. ROOFING SEQUENCE

A. Phase roofing is not acceptable. Any insulation or base layers laid in any one day must be covered with the properly installed roof system that same day. Failure to do so will void any warranties and no guarantee will be issued for the roofing system.

4.5. ACCEPTABILITY OF COMPLETED WORK

A. The acceptability of completed roofing work will be based on its conformance to the contract requirement. The Material Manufacturer is not obligated to accept non-conforming work, and such non-conforming work may be rejected. The rejected work shall be promptly replaced or corrected in a manner and by methods approved by the Material Manufacturer at the Contractor’s expense. The Material Manufacturer will instruct the Contractor’s foreman and work crew on the proper methods of installation of the roofing system, and will follow-up on a regular basis to inspect the work being done. Any deficiencies from the specified work noted by the Material Manufacturer will be immediately reported to the Owner, along with recommended corrective actions necessary. The Material Manufacturer will not act in a supervisory capacity, and will not be responsible for the Contractor’s errors or omissions.
4.6. ENGINEERING AND ROOF DECK

A. The Material Manufacturer nor its representatives, practice engineering nor architecture. It makes no judgments on, and hereby disclaim any responsibility for the soundness of any roof deck or other structural component of buildings upon which its products are applied. Re-roofing and general building structuring require certification from a structural engineer that the structure will support the proposed additional weight. In addition, the Contractor must notify the Owner or his/her representative on the job-site of any unforeseen areas of wet insulation. Where the damage is serious and extensive, it will be the Owner’s prerogative to authorize removal and replacement of deteriorated roofing, insulation and repair of the vapor barrier if present. Where damage to the roof deck is found, the Contractor shall furnish the Owner with a unit price for removal and replacement of the damaged deck.

4.7. ASBESTOS IDENTIFICATION

A. The Material Manufacturer routinely conducts roof surveys and inspections in order to provide recommendations and/or specifications for the use of its products. However, the MATERIALS MANUFACTURER IS NOT, NOR ARE ITS REPRESENTATIVES, CERTIFIED TO IDENTIFY, HANDLE OR MONITOR ASBESTOS IN ROOFING, DECKING OR INSULATION. THEREFORE, IT MAKES NO JUDGMENTS ON AND HEREBY DISCLAIMS ANY RESPONSIBILITY FOR IDENTIFYING, HANDLING OR MONITORING ASBESTOS. If a building owner suspects that an asbestos condition exists on or under the roof area in question, Material Manufacturer can recommend licensed laboratories and technicians that can identify, remove, dispose of, and monitor the project.

4.8. ASBESTOS LIMITATIONS

A. The Owner has been informed, acknowledges and agrees that Material Manufacturer is not engaged in the business of identifying, abating, encapsulating or removing asbestos or asbestos containing materials from the work site and has not agreed to do so herein.

B. IN CONSIDERATION OF THE PROVISION HEREOF, THE OWNER HEREBY AGREES TO INDEMNIFY, DEFEND AND HOLD HARMLESS THE MATERIAL MANUFACTURER, ITS OWNERS, OFFICERS, DIRECTORS, EMPLOYEES AND AGENTS, INCLUDING THE ENGINEER FROM AND AGAINST ANY AND ALL LIABILITIES, DAMAGES, LOSSES AND EXPENSES (INCLUDING BUT NOT LIMITED TO ATTORNEY’S FEES) ARISING OUT OF, OR RELATING TO, ANY CLAIMS, DEMANDS, OR CAUSES OF ACTION OF ANY KIND., ATTRIBUTABLE TO, ARISING OUT OF, OR RELATING TO THE PRESENCE OF ASBESTOS OR ASBESTOS-CONTAINING MATERIALS ON OR AT THE WORK SITE AND/OR THE ABATEMENT, ENCAPSULATION AND/OR THE REMOVAL THEREOF.

4.9. MOLD LIMITATIONS

007200-20
A. The Garland Company makes no representation or warranty, express, implied, or otherwise, regarding mold, fungi, rust, corrosion or other bacteria or organism. Neither shall Garland have any duty to identify, nor accept any responsibility or liability for any claims associated with mold, fungi, rust, corrosion or other bacteria or organism related claims.

PART 5 CONTRACTOR’S QUALIFICATION STATEMENT

The undersigned certified oath that the information provided herein is true and sufficiently complete so as not to be misleading.

Submitted to: _____________________________________________________
_________________________________________________________________
_________________________________________________________________

Submitted by (Firm Name):____________________________________________
Address: ____________________________________________________________
___________________________________________________________________
Principal Office Location_______________________________________________

Qualification Statement Submitted for- Project Name
___________________________________________________________________
_____________________________________________________________________

Type of Work:

Site Preparation_________________

General Construction_____________

Roofing_______________________
Plumbing____________________

HVAC_______________________

Sprinkler_____________________

Electrical_____________________

Other_________________________

Electrical_____________________

(File separate form for each classification of work)

Organization:

Please provide the following information concerning your organization:

Type of Entity:

Corporation____________________________

Partnership____________________________

Individual____________________________

Other_______________________________

Name of Principal, Owners or Partners

Years of Service

Name Position with Organization

___________________________________________________________________
___________________________________________________________________
Number of years this organization has been in business

Have members of this organization operated under former names/business?

Yes_____ No_____

If “yes,” list name, type of entity and names of principal, owners or partners.

Provide a brief description of the general type of construction the firm performs. Please indicate for this project the work you intend to subcontract or perform.

Perform Subcontract

Earth Work______________   ______________

Concrete Work______________________   _____________

Masonry Work__________   ______________

Structural Work__________   _____________

Roofing Work___________   ______________

Sprinkler_______________   ______________

Plumbing________________   ______________
Experience

Please list the type and number of educational projects your firm has constructed which were subject to the Owner Guidelines and other Illinois regulatory agency construction requirements:

Type Number

New Construction – Primary __________

New Construction – Secondary_________

Renovations – Primary_____________

Renovations – Secondary__________

Please list on a separate sheet marked “Appendix A” the major construction projects your organization has in progress providing the name of project, owner, architect, contract amount, bonding company, insurance carrier, percentage complete and scheduled completion date.

Please list on a separate sheet marked “Appendix B” the major projects your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, bonding company, date of completion and percentage of the cost of the work performed with your own forces.

Insurance and Bonds

Please list names of current insurance carrier and number of projects insured by carrier:

______________________________________________________________________

______________________________________________________________________
Please list names of bonding company/agent utilized for projects constructed during the last five years:

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Claims and Suits

Has your organization ever failed to complete any construction work it has been awarded? Yes___ No___

Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract? (If the answer is yes, please describe in full.) Yes_____ No_____  

Has there been in the last ten years, or is there now pending or threatened, any litigation, arbitration, investigation, or governmental or regulatory proceeding involving claims in excess of $100,000 or requesting a declaratory judgment or injunctive relief with respect to the construction or operation of any building which your firm, its principals, predecessors or affiliates constructed? Yes_____ No_____  

Are all city, county, state and Federal taxes of any type, including real estate, FICA and Workmen’s Compensation paid to date? Yes___ No_____  

Is there any potential claim, demand, litigation, arbitration, investigation, governmental proceeding or regulatory proceeding involving your firm, or its principals, predecessors or affiliates? Yes___ No_____  

If the answer to either of the preceding questions is “Yes,” please describe in full in an attachment referred to in the preceding paragraphs, is there any litigation, arbitration, investigation or governmental or regulatory proceeding.
In addition to the litigation, arbitration, investigation, governmental proceeding or regulatory proceeding now pending or threatened to which your firm is or may be a party, or are you aware of any potential claim or demand, which might otherwise affect the capacity of your firm to perform with respect to your involvement with the Owner, whether or not it concerns other work which you have undertaken? If so, please describe in full. Yes____ No_____

Bankruptcy

Has your firm, its principals, predecessors, or affiliates been the subject of any proceeding under the federal bankruptcy laws or any other proceedings under state or federal law in which a court or government agency has assumed jurisdiction over any of the assets or business of your firm, its principals, predecessors or affiliates? If so, please identify the proceedings, the court or governmental body and the date such jurisdiction was assumed in an attachment. Yes____ No____

Change Order History

Describe each instance the last five (5) years where change orders applied for during construction amounted in the aggregate to more than five percent (5%) of the contract price for any building which your firm constructed, or in which actual construction costs exceeded the contract price by more than five percent (5%) in an attachment.

Financial Condition

Please attach your organizations’ last two (2) years’ financial statements including your latest balance sheet and income statement showing the following:

Current assets (e.g., cash, joint venture accounts, receivable, accrued income, deposits, materials inventory and prepaid expenses):

Net Fixed Assets:

Other Assets:

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes): List all older than 60 days.

Other Liabilities (e.g., capital stock, authorized and outstanding shares per values, earned surplus and retained earnings):
Name and address of firm preparing attached financial statement and date thereof.

References

Please list below Trade References:

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Please list below Bank References:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

END OF SECTION
SECTION 07 22 00
ROOF DECK AND INSULATION

PART 1 – GENERAL

1.1 SUMMARY

A. Section includes roof insulation over the properly prepared deck substrate.

B. Related Sections:
   1. Section 07 52 00 – Modified Bituminous Roofing
   2. Section 07 62 00 – Sheet Metal Flashing and Trim.
   3. Section 00 01 010 – Summary of Work

1.2 REFERENCES

A. American Society for Testing and materials (ASTM):
   2. ASTM A653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvanized) by the Hot-Dip Process.
   15. ASTM D36 Standard Test Method for Softening Point of Bitumen (Ring and Ball Apparatus).

B. Cast Iron Soil Pipe Institute, Washington, D.C. (CISPI)

C. Factory Mutual Research (FM):
   1. Roof Assembly Classifications.

D. National Roofing Contractors Association (NRCA):

E. Underwriters Laboratories, Inc. (UL):
   1. Fire Hazard Classifications.

F. Warnock Hersey (WH):
   1. Fire Hazard Classifications.

G. Sheet Metal and Air Conditioning Contractors National Association (SMACNA)

H. Steel Deck Institute, St. Louis, Missouri (SDI)

I. Southern Pine Inspection Bureau, Pensacola, Florida (SPIB)

J. Insulation Board, Polyisocyanurate (FS HH-I-1972)

K. Insulation Board, Thermal (Fiberboard) (FS LLL-1-535B)

1.4 SUBMITTALS

A. Process all submittals as required in Section 01300 – Submittals.

B. Provide approval letters from insulation manufacturer for use of their insulation within this particular roofing system type.

C. Product Data: Submit 3 copies of manufacturer’s specification data sheets for each.

1.5 DELIVERY, STORAGE AND HANDLING

A. Deliver products to site with seals and labels intact, in manufacturer’s original containers, dry and undamaged.

B. Store all insulation materials in a manner to protect them from the wind, sun and moisture damage prior to and during installation. Any insulation that has been exposed to any moisture shall be removed from the project site.
C. Keep materials enclosed in a watertight, ventilated enclosure (i.e. tarpaulins).

D. Store materials off the ground. Any warped, broken or wet insulation boards shall be removed from the site.

PART 2 – PRODUCTS

1. PRODUCTS, GENERAL

A. Refer to Division 01 Section “Common Product Requirements.”

B. Basis of Design: Materials, manufacturer’s product designations, and/or manufacturer’s names specified herein shall be regarded as the minimum standard of quality required for work of this Section. Comply with all manufacturer and contractor/fabricator quality and performance criteria specified in Part 1.

C. Substitutions: Products proposed as equal to the products specified in this Section shall be submitted in accordance with Bidding Requirements and Division 01 provisions.
   1. Equivalency of performance criteria, warranty terms, submittal procedures, and contractual terms will constitute the basis of acceptance.
   2. The Owner’s decision regarding substitutions will be considered final. Unauthorized substitutions will be rejected.

1.2 INSULATION MATERIALS

A. Thermal Insulation Properties and Approved Insulation Boards.
   1. Rigid Polyisocyanurate Roof Insulation; ASTM C1289:
      a. Qualities: Rigid, closed cell polyisocyanurate foam core bonded to heavy duty glass fiber mat facers.
      b. Thickness: Minimum [4”].
      c. R-Value: Minimum [R25].
      e. Acceptable Products:
         1) ENRGY-3; Johns Manville
         2) Hytherm; Dow
         3) GAFTEMP Isotherm R; GAF
         4) Approved Equivalent
   2. High Density Fiberboard Roof insulation; ASTM C208
      a. Qualities: Rigid, composed of interlocking fibers factory blended treated with asphalt on the top side.
      b. Board Size: [Four feet by four feet (4’ x 4’)]
      c. Thickness: Minimum [ ½”]
      e. Acceptable Manufacturers:
         1) Celotex
         2) Temple Inland
         3) GAF Building Materials Corporation
         4) Approved Equivalent

1.3 RELATED MATERIALS
A. Fiber Cant and Tapered Edge Strips: Performed rigid insulation units of sizes/shapes indicated, matching insulation board or of perlite or organic fiberboard, as per the approved manufacturer.
   1. Acceptable Manufacturers:
      b. Celotex
      c. Johns Manville
      d. GAF
      e. Approved Equivalent

B. Protection Board: Pre-molded semi-rigid asphalt composition board one half (1/2) inch.

C. Roof Board Joint Tape: Six (6) inches wide glass fiber mat with adhesive compatible with insulation board facers.

D. Asphalt: ASTM D312, Type III Steep Asphalt.

E. Roof Deck Insulation Adhesive: Insul-Lock HR - Dual-component, high rise foam adhesive as recommended by insulation manufacturer and approved by FM indicated ratings.
   1. Tensile Strength (ASTM D412)......250 psi
   2. Density (ASTM D1875)...........8.5 lbs./gal.
   3. Viscosity (ASTM D2556).........22,000 to 60,000 cP.
   4. 2 Peel Strength (ASTM D903).....17 lb/in.
   5. 3 Flexibility (ASTM D816)......Pass @ -70°F

PART 3 – EXECUTION

3.1 EXECUTION, GENERAL

A. Comply with requirements of Division 01 Section “Common Execution Requirements.”

3.2 INSPECTOR OF SURFACES

A. Roofing contractor shall be responsible for preparing an adequate substrate to receive insulation.
   1. Verify that work which penetrates roof deck has been completed.
   2. Verify that wood nailers are properly and securely installed.
   3. Examine surfaces for defects, rough spots, ridges, depressions, foreign material, moisture, and unevenness.
   4. Do not proceed until defects are corrected.
   5. Do not apply insulation until substrate is sufficiently dry.
   6. Broom clean substrate immediately prior to application.
   7. Use additional insulation to fill depressions and low spots that would otherwise cause ponding water.
   8. Verify that temporary roof has been completed.

3.3 INSTALLATION

A. Attachment with Bitumen on Concrete Deck
1. Over the entire deck surface, prime concrete surfaces with asphalt primer at the rate of 1 (one) gallon per one hundred (100) square feet.

2. Embed one layer of rigid insulation board in solid moppings of hot asphalt at the rate and temperature recommended by insulation manufacturer. Stagger end joints of boards so all open joints will be eliminated. Walk in each piece of insulation and leave boards completely adhered to deck. Each insulation board shall be butt firmly against adjoining panels. All open joints shall be eliminated.

3. Embed second layer of insulation board in solid moppings of hot asphalt after first layer has been attached as recommended by insulation manufacturer. Stagger end joints of boards so all open joints will be eliminated. Walk in each piece of insulation and leave boards completely adhered to base felt or deck. Each insulation board shall be butt firmly against adjoining panels. All open joints shall be eliminated.

4. Approved insulation shall be tapered around roof drains and scuppers. Tapered insulation sump shall start with a thickness of one-half at drain bowl to the specified dimension of three feet from the center line of the drain. Install tapered insulation sump in such a way to provide proper slope for runoff. Shape insulation with tool as required so completed surface is smooth and flush with ring of drain. Under no circumstances will the membrane be left unsupported in an area greater that one quarter (1/4) inch. Install recovery board over tapered insulation sump as required.

5. Approved recovery board one half (1/2) inch thickness shall be installed over base tapered insulation using hot asphalt at the rate of approximately thirty three (33) pounds per square.

6. All boards shall be cut and fitted where the roof deck intersects a vertical surface. The boards shall be cut to fit a minimum of one quarter (1/4) inch away from the vertical surface.

7. Install no more insulation at one time than can be roofed on the same day.

8. Install temporary water cut-offs at completion of each day’s work and remove upon resumption of work.

9. Cant Strips/Tapered Edge Strips: Install preformed forty five (45) degree cant strip at junctures of vertical surfaces. Provide preformed, tapered edge strips at perimeter of edges of roof that do not terminate at vertical surfaces and/or indicated on the drawings. Tape joints of insulation as per manufacturer’s requirements.

3.4 CLEANING

A. Remove debris and cartons from roof deck. Leave insulation clean and dry, ready to receive roofing membrane.

3.5 CONSTRUCTION WASTE MANAGEMENT

A. Remove and properly dispose of waste products generated during installation. Comply with requirements of authorities having jurisdiction.

END OF SECTION
1. GENERAL

1.1. SECTION INCLUDES

A. Hot Applied 3-Ply Asphalt Roofing (StressPly). (2.11)(3.5)
B. Accessories. (2.16)
C. Edge Treatment and Roof Penetration Flashings. (2.17)(3.9)

1.2. RELATED SECTIONS

A. Section 00 01 010 - Summary of Work.
B. Section 07220 - Insulation Board: Insulation and fastening.
C. Section 07620 - Sheet Metal Flashing and Trim: Weather protection for base flashings.

1.3. REFERENCES

A. ASTM D 41 - Standard Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing.
B. ASTM D 312 - Standard Specification for Asphalt used in Roofing.
Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements.


Q. ASTM E 108 - Standard Test Methods for Fire Test of Roof Coverings

R. Factory Mutual Research (FM): Roof Assembly Classifications.


X. ASCE 7-05, Minimum Design Loads for Buildings and Other Structures


Z. FM Approvals - Roof Coverings and/or RoofNav assembly database.

AA. FBC - Florida Building Code.


1.4. DESIGN / PERFORMANCE REQUIREMENTS

A. Perform work in accordance with all federal, state and local codes.

C. Design Requirements:

1. Uniform Wind Uplift Load Capacity
   a. Installed roof system shall withstand negative (uplift) design wind loading pressures complying with the following criteria.
   2. Category:
      a. I.
      b. II.
      c. III.
      d. IV
   3. Building with an Importance Factor of:
      a. 0.77
      b. 1.0
      c. 1.15
      d. 2.0
   4. Wind Speed: ___ mph
   5. Ultimate Pullout Value: ___ pounds per each of the fastener
   6. Exposure Category:
7. Design Roof Height: ____ feet.
10. Topographic Factor: ____
11. Roof Area Design Uplift Pressure:
   a. Zone 1 - Field of roof ___ psf
   b. Zone 2 - Eaves, ridges, hips and rakes ___ psf
   c. Zone 3 - Corners ___ psf
2. Snow Load: ____ psf.
3. Live Load: 20 psf, or not to exceed original building design.

1.5. SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation instructions.

C. Shop Drawings: Submit shop drawings including installation details of roofing, flashing,
   fastening, insulation and vapor barrier, including notation of roof slopes and fastening
   patterns of insulation and base modified bitumen membrane, prior to job start.

D. Design Pressure Calculations: Submit design pressure calculations for the roof area in
   accordance with ASCE 7-05 and local Building Code requirements. Include a roof system
   attachment analysis report, certifying the system's compliance with applicable wind load
   requirements before Work begins. Report shall be signed and sealed by a Professional
   Engineer registered in the State of the Project who has provided roof system attachment
   analysis for not less than 5 consecutive years.

E. Recycled or Bio-Based Materials: Provide third party certification through UL Environment of
   roof System membranes containing recycled or bio based materials.

F. Verification Samples: For each modified bituminous membrane ply product specified, two
   samples, minimum size 6 inches (150 mm) square, representing actual product, color, and
   patterns.

G. Manufacturer's Certificates: Provide to certify products meet or exceed specified
   requirements.

H. Closeout Submittals: Provide manufacturer's maintenance instructions that include
   recommendations for periodic inspection and maintenance of all completed roofing work.
   Provide product warranty executed by the manufacturer. Assist Owner in preparation and
   submittal of roof installation acceptance certification as may be necessary in connection with
   fire and extended coverage insurance on roofing and associated work.

1.6. QUALITY ASSURANCE

A. Perform Work in accordance with NRCA Roofing and Waterproofing Manual.

B. Manufacturer Qualifications: Manufacturer: Company specializing in manufacturing products
   specified in this section with documented ISO 9001 certification and minimum twelve years
   and experience.

C. Installer Qualifications: Company specializing in performing Work of this section with
   minimum five years documented experience and a certified Pre-Approved Garland
Contractor.

D. Installer's Field Supervision: Maintain a full-time Supervisor/Foreman on job site during all phases of roofing work while roofing work is in progress.

E. Product Certification: Provide manufacturer's certification that materials are manufactured in the United States and conform to requirements specified herein, are chemically and physically compatible with each other, and are suitable for inclusion within the total roof system specified herein.

F. Source Limitations: Obtain all components of roof system from a single manufacturer. Secondary products that are required shall be recommended and approved in writing by the roofing system Manufacturer. Upon request of the Architect or Owner, submit Manufacturer's written approval of secondary components in list form, signed by an authorized agent of the Manufacturer.

1.7. PRE-INSTALLATION MEETINGS

A. Convene minimum two weeks prior to commencing Work of this section.

B. Review installation procedures and coordination required with related Work.

C. Inspect and make notes of job conditions prior to installation:
   1. Record minutes of the conference and provide copies to all parties present.
   2. Identify all outstanding issues in writing designating the responsible party for follow-up action and the timetable for completion.
   3. Installation of roofing system shall not begin until all outstanding issues are resolved to the satisfaction of the Architect.

1.8. DELIVERY, STORAGE, AND HANDLING

A. Deliver and store products in manufacturer’s unopened packaging with labels intact until ready for installation.

B. Store all roofing materials in a dry place, on pallets or raised platforms, out of direct exposure to the elements until time of application. Store materials at least 4 inches above ground level and covered with “breathable” tarpaulins.

C. Stored in accordance with the instructions of the manufacturer prior to their application or installation. Store roll goods on end on a clean flat surface. No wet or damaged materials will be used in the application.

D. Store at room temperature wherever possible, until immediately prior to installing the roll. During winter, store materials in a heated location with a 50 degree F (10 degree C) minimum temperature, removed only as needed for immediate use. Keep materials away from open flame or welding sparks.

E. Avoid stockpiling of materials on roofs without first obtaining acceptance from the Architect/Engineer.

F. Adhesive storage shall be between the range of above 40 degree F (4 degree C) and below 80 degree F (27 degree C). Area of storage shall be constructed for flammable storage.

1.9. COORDINATION

A. Coordinate Work with installing associated metal flashings as work of this section proceeds.

1.10. PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits
recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.11. **WARRANTY**

A. Upon completion of the work, provide the Manufacturer's written and signed NDL Warranty, warranting that, if a leak develops in the roof during the term of this warranty, due either to defective material or defective workmanship by the installing contractor, the manufacturer shall provide the Owner, at the Manufacturer's expense, with the labor and material necessary to return the defective area to a watertight condition.

   1. Warranty Period:
      a. 30 years from date of acceptance.

B. Installer is to guarantee all work against defects in materials and workmanship for a period indicated following final acceptance of the Work.

   1. Warranty Period:
      a. 2 years from date of acceptance.

2. **PRODUCTS**

2.1. **MANUFACTURERS**

A. Acceptable Manufacturer: The design is based upon roofing systems engineered and manufactured by The Garland Company.

   The Garland Company
   3800 East 91st Street
   Cleveland, Ohio 44105
   Telephone: 800-762-8225
   Website: www.garlandco.com

2.2. **HOT APPLIED 3-PLY ASPHALT ROOFING**

A. Base (Ply) Sheet:
   1. Viking AG IV Glasfelt:

B. Modified Cap (Ply) Sheet:
   1. VersiPly 80:

C. InterPly Adhesive: (1, 2 and 3)
   1. Generic Type III Asphalt:

D. Flashing Base Ply:
   1. HPR Tri-Base Premium:

E. Flashing Cap (Ply) Sheet
   1. VersiPly 80:

F. Flashing Ply Adhesive:
   1. Generic Type III Asphalt:

G. Surfacing:
   1. Aggregate/Flood Coat
      a. Weatherscreen: Pea Gravel

2.3. **ACCESSORIES:**
A. Roof Insulation: In accordance with Section 07220.

2.4. EDGE TREATMENT AND ROOF PENETRATION FLASHINGS
A. Pitch pans, Rain Collar 24 gauge stainless or 20oz (567 gram) copper. All joints should be welded/soldered watertight. See details for design.
B. Drain Flashings should be 4lb (1.8kg) sheet lead formed and rolled.
C. Plumbing stacks should be 4lb (1.8kg) sheet lead formed and rolled.

3. EXECUTION

3.1. EXAMINATION
A. Do not begin installation until substrates have been properly prepared.
B. Inspect and approve the deck condition, slopes and fastener backing if applicable, parapet walls, expansion joints, roof drains, stack vents, vent outlets, nailers and surfaces and elements.
C. Verify that work penetrating the roof deck, or which may otherwise affect the roofing, has been properly completed.
D. If substrate preparation and other conditions are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2. PREPARATION
A. General: Clean surfaces thoroughly prior to installation.
   1. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   2. Fill substrate surface voids that are greater than 1/4 inch wide with an acceptable fill material.
   3. Roof surface to receive roofing system shall be smooth, clean, free from loose gravel, dirt and debris, dry and structurally sound.
   4. Wherever necessary, all surfaces to receive roofing materials shall be power broomed and vacuumed to remove debris and loose matter prior to starting work.
   5. Do not apply roofing during inclement weather. Do not apply roofing membrane to damp, frozen, dirty, or dusty surfaces.
   6. Fasteners and plates for fastening components mechanically to the substrate shall provide a minimum pull-out capacity of 300 lbs. (136 k) per fastener. Base or ply sheets attached with cap nails require a minimum pullout capacity of 40 lb. per nail.
   7. Prime decks where required, in accordance with requirements and recommendations of the primer and deck manufacturer.
B. Precast concrete:
   1. Decks shall be clean, dry, fully cured and free of flaws and attached securely to the supporting structure as recommended by the deck manufacturer.
   2. All joints shall be caulked or grouted.
   3. Concrete surfaces to receive roofing shall be fully primed at the rate of 1 gallon per 100 sq. ft.
   4. Deck joints shall be stripped in with a 12 inch (305 mm) wide strip of modified membrane unadhered a minimum of 2 inches (51 mm) immediately on either side of the joint.

3.3. INSTALLATION - GENERAL
A. Install modified bitumen membranes and flashings in accordance with manufacturer's instructions and with the recommendations provided by the National Roofing Contractors.
Association’s Roofing & Waterproofing Manual, the Asphalt Roofing Manufacturers Association, and applicable codes.

B. General: Avoid installation of modified bitumen membranes at temperatures lower than 40-45 degrees F. When work at such temperatures unavoidable use the following precautions:
   1. Take extra care during cold weather installation and when ambient temperatures are affected by wind or humidity, to ensure adequate bonding is achieved between the surfaces to be joined. Use extra care at material seam welds and where adhesion of the applied product to the appropriately prepared substrate as the substrate can be affected by such temperature constraints as well.
   2. Unrolling of cold materials, under low ambient conditions must be avoided to prevent the likelihood of unnecessary stress cracking. Rolls must be at least 40 degrees F at the time of application. If the membrane roll becomes stiff or difficult to install, it must be replaced with roll from a heated storage area.

C. Commence installation of the roofing system at the lowest point of the roof (or roof area), working up the slope toward the highest point. Lap sheets shingle fashion so as to constantly shed water

3.4. INSTALLATION HOT APPLIED ROOF SYSTEM

A. Base/Felt Ply(s): Install base sheet or felt plies in twenty five (25) lbs (11.3kg) per square of bitumen shingled uniformly to achieve one or more plies over the entire prepared substrate. Shingle in direction of slope of roof to shed water on each area of roof. Do not step on base rolls until asphalt has cooled, fish mouths should be cut and patched.
   1. Lap ply sheet ends 8 inches (203 mm). Stagger end laps 2 inches (304mm) minimum.
   2. Install base flashing ply to all perimeter and projection details after membrane application.
   3. Extend plies 2 inches beyond top edges of cants at wall and projection bases.
   4. Install base flashing ply to all perimeter and projection details.
   5. Allow the one ply of base sheet to cure at least 30 minutes before installing the modified membrane. However, the modified membrane must be installed the same day as the base plies.

B. Modified Cap Ply(s): Solidly bond the modified membrane to the base layers with specified material at the rate of 25 to thirty 30 lbs. (11-13kg) per 100 square feet.
   1. Roll must push a puddle of hot material in front of it with material slightly visible at all side laps. Use care to eliminate air entrapment under the membrane. Exercise care during application to eliminate air entrapment under the membrane.
   2. Apply pressure to all seams to ensure that the laps are solidly bonded to substrate.
   3. Install subsequent rolls of modified membrane as above with a minimum of 4 inch (101 mm) side laps and 8 inch (203 mm) end laps. Stagger end laps. Apply membrane in the same direction as the previous layers but stagger the laps so they do not coincide with the laps of the base layers.
   4. Apply hot material no more than 5 feet (1.5 m) ahead of each roll being embedded.
   5. Extend membrane 2 inches (50 mm) beyond top edge of all cants in full moppings of the specified hot material.

C. Fibrous Cant Strips: Provide non-combustible perlite or glass fiber cant strips at all wall/curb detail treatments where angle changes are greater than 45 degrees. Cant may be set in approved cold adhesives, hot asphalt or mechanically attached with approved plates and fasteners.

D. Wood Blocking, Nailers and Cant Strips: Provide wood blocking, nailers and cant strips as specified in Section 06114.
   1. Provide nailers at all roof perimeters and penetrations for fastening membrane flashings and sheet metal components.
   2. Wood nailers should match the height of any insulation, providing a smooth and even
transition between flashing and insulation areas.

3. Nailer lengths should be spaced with a minimum 1/8 inch gap for expansion and contraction between each length or change of direction.

4. Nailers and flashings should be fastened in accordance with Factory Mutual “Loss Prevention Data Sheet 1- 49, Perimeter Flashing” and be designed to be capable of resisting a minimum force of 200 lbs/lineal foot in any direction.

E. Metal Work: Provide metal flashings, counter flashings, parapet coping caps and thru-wall flashings as specified in Section 07620 or Section 07710. Install in accordance with the SMACNA “Architectural Sheet Metal Manual” or the NRCA Roofing Waterproofing manual.

F. Termination Bar: Provide a metal termination bar or approved top edge securement at the terminus of all flashing sheets at walls and curbs. Fasten the bar a minimum of 8 inches (203 mm) o/c to achieve constant compression. Provide suitable, sealant at the top edge if required.

G. Flashing Base Ply: Install flashing sheets by the same application method used for the base ply.
   1. Seal curb, wall and parapet flashings with an application of mastic and mesh on a daily basis. Do not permit conditions to exist that will allow moisture to enter behind, around or under the roof or flashing membrane.
   2. Prepare all walls, penetrations, expansion joints and surfaces to be flashed with required primer at the rate of 100 square feet per gallon. Allow primer to dry tack free.
   3. Adhere to the underlying base flashing ply with specified hot material unless otherwise noted in these specifications. Nail off at a minimum of 8 inches (203 mm) o/c. from the finished roof at all vertical surfaces.
   4. Solidly adhere the entire sheet of flashing membrane to the substrate.
   5. Seal all vertical laps of flashing membrane with a three-course application of trowel-grade mastic and mesh.
   6. Coordinate counter flashing, cap flashings, expansion joints, and similar work with modified bitumen roofing work as specified.
   7. Coordinate roof accessories, miscellaneous sheet metal accessory items, including piping vents and other devices with the roofing system work.

H. Flood Coat/Aggregate:
   1. Install after cap sheets and modified flashing, tests, repairs and corrective actions have been completed and approved.
   2. Apply flood coat materials in the quantities recommended by the manufacturer.
   3. Uniformly embed aggregate in the flood coat of cold adhesive at a rate recommended by the manufacturer.
   4. Aggregate must be dry and placed in a manner required to form a compact, embedded overlay. To aid in embedment, lightly roll aggregate.

I. Flashing Cap Ply: Install flashing cap sheets by the same application method used for the base ply.
   1. Seal curb, wall and parapet flashings with an application of mastic and mesh on a daily basis. Do not permit conditions to exist that will allow moisture to enter behind, around or under the roof or flashing membrane.
   2. Prepare all walls, penetrations, expansion joints and where shown on the Drawings to be flashed with required primer at the rate of 100 square feet per gallon. Allow primer to dry tack free.
   3. Adhere to the underlying base flashing ply with specified flashing ply adhesive unless otherwise specified. Nail off at a minimum of 8 inches (203 mm) o/c. from the finished roof at all vertical surfaces.
   4. Coordinate counter flashing, cap flashings, expansion joints and similar work with modified bitumen roofing work as specified.
   5. Coordinate roof accessories, miscellaneous sheet metal accessory items with the roofing system work.
   6. All stripping shall be installed prior to flashing cap sheet installation.
7. Heat and scrape granules when welding or adhering at cut areas and seams to granular surfaces at all flashings.
8. Secure the top edge of the flashing sheet using a termination bar only when the wall surface above is waterproofed, or nailed 4 inches on center and covered with an acceptable counter flashing.

J. Roof Walkways: Provide walkways in areas indicated.

3.5. INSTALLATION EDGE TREATMENT AND ROOF PENETRATION FLASHING

A. Raised Metal Edge:
1. Inspect the nailer to assure proper attachment and configuration.
2. Run one ply over the edge. Assure coverage of all wood nailers. Fasten plies with ring shank nails at 8 inches (203 mm) o.c.
3. Install continuous cleat and fasten at 6 inches (152 mm) o.c.
4. Install new metal edge hooked to continuous cleat and set in bed of roof cement. Fasten flange to wood nailer every 3 inches (76 mm) o.c. staggered.
5. Prime metal edge at a rate of 100 square feet per gallon and allow to dry.
6. Strip in flange with base flashing ply covering entire flange in bitumen with 6 inches (152 mm) on to the field of roof. Assure ply laps do not coincide with metal laps.
7. Install a second ply of modified flashing ply in bitumen over the base flashing ply, 9 inches (228 mm) on to the field of the roof.

B. Surface Mounted Counterflashing:
1. Minimum flashing height is 8 inches (203 mm) above finished roof height. Maximum flashing height is 24 inches (609 mm). Prime vertical wall at a rate of 100 square feet per gallon and allow to dry.
2. Set cant in bitumen. Run all field plies over cant a minimum of 2 inches (50 mm).
3. Install base flashing ply covering wall set in bitumen with 6 inches (152 mm) on to field of the roof.
4. Install a second ply of modified flashing ply in bitumen over the base flashing ply, 9 inches (228 mm) on to the field of the roof. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.
5. Apply butyl tape to wall behind flashing. Secure termination bar through flashing, butyl tape and into wall. Alternatively use caulk to replace the butyl tape.
6. Secure counterflashing set on butyl tape above flashing at 8 inches (203 mm) o.c. and caulk top of counterflashing.

C. Equipment Support:
1. Minimum curb height is 8 inches (203 mm) above finished roof height. Prime vertical at a rate of 100 square feet per gallon and allow to dry.
2. Set cant in bitumen. Run all field plies over cant a minimum of 2 inches (50 mm).
3. Install base flashing ply covering curb set in bitumen with 6 inches (152 mm) on to field of the roof.
4. Install a second ply of modified flashing ply in bitumen over the base flashing ply, 9 inches (228 mm) on to the field of the roof. Attach top of membrane to top of curb and nail at 8 inches (203 mm) o.c. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.
5. Install pre-manufactured cover. Fasten sides at 24 inches (609 mm) o.c. with fasteners and neoprene washers. Furnish all joint cover laps with butyl tape between metal covers.
6. Set equipment on neoprene pad and fasten as required by equipment manufacturer.

D. Curb Detail/Air Handling Station:
1. Minimum curb height is 8 inches (203 mm) above finished roof height. Prime vertical at a rate of 100 square feet per gallon and allow to dry.
2. Set cant in bitumen. Run all field plies over cant a minimum of 2 inches (50 mm).
3. Install base flashing ply covering curb set in bitumen with 6 inches (152 mm) on to field of the roof.
4. Install a second ply of modified flashing ply in bitumen over the base flashing ply, 9 inches (228 mm) on to the field of the roof. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.
5. Install pre-manufactured counterflashing with fasteners and neoprene washers or per manufacturer’s recommendations.
6. Set equipment on neoprene pad and fasten as required by equipment manufacturer.

E. Roof Drain:
1. Plug drain to prevent debris from entering plumbing.
2. Taper insulation to drain minimum of 24 inches (609 mm) from center of drain.
3. Run roof system plies over drain. Cut out plies inside drain bowl.
4. Set lead/copper flashing (30 inch square minimum) in 1/4 inch bed of mastic. Run lead/copper into drain a minimum of 2 inches (50 mm). Prime lead/copper at a rate of 100 square feet per gallon and allow to dry.
5. Install base flashing ply (40 inch square minimum) in bitumen.
6. Install modified membrane (48 inch square minimum) in bitumen.
7. Install clamping ring and assure that all plies are under the clamping ring.
8. Remove drain plug and install strainer.

F. Heat Stack:
1. Minimum stack height is 12 inches (609 mm).
2. Run roof system over the entire surface of the roof. Seal the base of the stack with elastomeric sealant.
3. Prime flange of new sleeve. Install properly sized sleeves set in 1/4 inch (6 mm) bed of roof cement.
4. Install base flashing ply in bitumen.
5. Install modified membrane in bitumen.
6. Caulk the intersection of the membrane with elastomeric sealant.
7. Install new collar over cape. Weld collar or install stainless steel draw brand.

G. Pitch Pocket:
1. Run all plies up to the penetration.
2. Place the pitch pocket over the penetration and prime all flanges.
3. Strip in flange of pitch pocket with one ply of base flashing ply. Extend 6 inches (152 mm) onto field of roof.
4. Install second layer of modified membrane extending 9 inches (228 mm) onto field of the roof.
5. Fill pitch pocket half full with non-shrink grout. Let this cure and top off with pourable sealant.
6. Caulk joint between roof system and pitch pocket with roof cement.

3.6. PROTECTION

A. Provide traffic ways, erect barriers, fences, guards, rails, enclosures, chutes and the like to protect personnel, roofs and structures, vehicles and utilities.
B. Protect exposed surfaces of finished walls with tarps to prevent damage.
C. Plywood for traffic ways required for material movement over existing roofs shall be not less than 5/8 inch (16 mm) thick.
D. In addition to the plywood listed above, an underlayment of minimum 1/2 inch (13 mm) recover board is required on new roofing.
E. Special permission shall be obtained from the Manufacturer before any traffic shall be permitted over new roofing.

3.7. FIELD QUALITY CONTROL
A. Inspection: Provide manufacturer's field observations at start-up and at intervals of approximately 30 percent, 60 percent and 90 percent completion. Provide a final inspection upon completion of the Work.
   1. Warranty shall be issued upon manufacturer's acceptance of the installation.
   2. Field observations shall be performed by a Technical Representative employed full-time by the manufacturer and whose primary job description is to assist, inspect and approve membrane installations for the manufacturer.
   3. Provide observation reports from the Technical Representative indicating procedures followed, weather conditions and any discrepancies found during inspection.
   4. Provide a final report from the Technical Representative, certifying that the roofing system has been satisfactorily installed according to the project specifications, approved details and good general roofing practice.

3.8. SCHEDULES

A. Base (Ply) Sheet:
      a. Meets or Exceeds ASTM D 2178 Type IV Performance Criteria.

B. Modified Cap (Ply) Sheet:
   1. VersiPly 80: 80 mil SBS (Styrene-Butadiene-Styrene) rubber modified roofing membrane with dual fiberglass reinforced scrim. ASTM D 6163, Type III Grade G
      a. Tensile Strength, ASTM D 5147(a) 2 in/min. @ 73.4 &plusmn; 3.6 degreesF
         1. MD 220 lbf/in XD 220 lbf/in 50 mm/min. @ 23 &plusmn; 2 degreesC
         2. MD 38.5 kN/m XD 38.5 kN/m
      b. Tear Strength, ASTM D 5147
         1. 2 in/min. @ 73.4 &plusmn; 3.6 degreesF MD 300 lbf XD 300 lbf
         2. 50 mm/min. @ 23 &plusmn; 2 degreesC MD 1335 N XD 1335 N
      c. Elongation at Maximum Tensile, ASTM D 5147
         1. 2 in/min. @ 73.4 &plusmn; 3.6 degreesF MD 4.5% XD 4.5%
         2. 50 mm/min. @ 23 &plusmn; 2 degreesC MD 4.5% XD 4.5%
      d. Low Temperature Flexibility, ASTM D 5147, Passes -25 degreesF (-32 degreesC)

C. InterPly Adhesive:
   1. Generic Type III Asphalt: Hot Bitumen, ASTM D 312, Type III steep asphalt having the following characteristics:
      a. Softening Point 185 degreesF - 205 degreesF
      b. Flash Point 500 degreesF
      c. Penetration @ 77 degreesF 15-35 units
      d. Ductility @ 77 degreesF 2.5 cm

D. Flashing Base Ply:
   1. HPR Tri-Base Premium: 60 mil SBS (Styrene-Butadiene-Styrene) rubber modified roofing base sheet reinforced with a fiberglass and polyester composite scrim, performance requirements according to ASTM D 5147.
      a. Tensile Strength, ASTM D 5147:
         1. 2 in/min. @ 73.4 &plusmn; 3.6 degreesF: MD 315 lbf/in XD 315lbf/in
         2. 50 mm/min. @ 23 &plusmn; 2 degreesC MD 55 kN/m XD 55 kN/m
      b. Tear Strength, ASTM D5147:
         1. 2 in/min. @ 73.4 &plusmn; 3.6 degreesF MD 550 lbf XD 550 lbf
         2. 50 mm/min. @ 23 &plusmn; 2 degreesC MD 2446 N XD 2446 N
      c. Elongation at Maximum Tensile, ASTM D5147:
         1. 2 in/min. @ 73.4 &plusmn; 3.6 degreesF MD 5.0% XD 6.0%
         2. 50 mm/min. @ 23 &plusmn; 2 degreesC MD 5.0% XD 6.0%

E. Flashing Ply Adhesive:
   1. Generic Type III Asphalt: Hot Bitumen, ASTM D 312, Type III steep asphalt having the following characteristics:
a. Softening Point 185 degreesF - 205 degreesF
b. Flash Point 500 degreesF
c. Penetration @ 77 degreesF 15-35 units
d. Ductility @ 77 degreesF 2.5 cm

F. Surfacing:
1. Flood Coat/Aggregate:
   a. Weatherscreen: Asphalt Protective Roof Coating, Weatherscreen; heavy-bodied, fiber reinforced, cold process roof coating having the following characteristics:
      1. Weight/Gallon 9.1 lbs./gal. (1.1 g/cm3)
      2. Non-Volatile % (ASTM D 4479) Typical 75
      3. Viscosity Brookfield RVT; Spindle #5; 10RPM @ 71 degreesF 20,000-25,000 cPs
      4. Roofing Aggregate: ASTM D 1863
         a. Pea gravel.

2. Flashing Cap (Ply) Sheet:
   a. VersiPly 80: 80 mil SBS (Styrene-Butadiene-Styrene) rubber modified roofing membrane with dual fiberglass reinforced scrim. ASTM D 6163, Type III Grade G
      1. Tensile Strength, ASTM D 5147(a) 2 in/min. @ 73.4 &plusmn; 3.6 degreesF
         a. MD 220 lbf/in XD 220 lbf/in 50 mm/min. @ 23 &plusmn; 2 degreesC
         b. MD 38.5 kN/m XD 38.5 kN/m
      2. Tear Strength, ASTM D 5147
         a. 2 in/min. @ 73.4 &plusmn; 3.6 degreesF MD 300 lbf XD 300 lbf
         b. 50 mm/min. @ 23 &plusmn; 2 degreesC MD 1335 N XD 1335 N
      3. Elongation at Maximum Tensile, ASTM D 5147
         a. 2 in/min. @ 73.4 &plusmn; 3.6 degreesF MD 4.5% XD 4.5%
         b. 50 mm/min. @ 23 &plusmn; 2 degreesC MD 4.5% XD 4.5%
      4. Low Temperature Flexibility, ASTM D 5147, Passes -25 degreesF (-32 degreesC)

END OF SECTION
PART 1 — GENERAL

1.1 RELATED DOCUMENTS
   A. Drawings and general provisions of the Contract, including the Conditions of the Contract and Division 01 Specification Sections apply to this section.
   B. Related Sections;
      1. Section 07 52 00 – Modified Bituminous Membrane Roofing.
      2. Section 07 22 00 – Roof Deck and Insulation
      3. Section 00 72 00 – General Conditions
      4. Section 01 64 00 - Owner Furnished Products

1.2 SUMMARY
   A. Provide all labor, equipment, and materials to fabricate and install the following.
      1. Edge strip and flashing.
      2. Fascia, scuppers, and trim.
      3. Coping cap at parapets.
      4. Expansion joint and area divider covers.
      5. Fascia and edge metal.
   B. Related Sections:
       1. Division 07 Section Modified Bituminous Membrane Roofing

1.3 REFERENCES
   A. American Society for Testing and Materials (ASTM)
      1. ASTM A653 Standard Specification for Steel Sheet, Zinc-Coated (galvanized) or Zinc-Iron Alloy-Coated (galvannealed) by the Hot-Dip Process.
   B. American National Standards Institute and Single Ply Roofing Institute (ANSI/SPRI)
       1. ANSI/SPRI ES-1 Testing and Certification Listing of Shop Fabricated Edge Metal.
   C. Warnock Hersey International, Inc., Middleton, WI (WH)
   D. Factory Mutual Research Corporation (FMRC)
   E. Underwriters Laboratories (UL)
   F. Sheet Metal and Air Conditioning Contractors National Association (SMACNA)
G. National Roofing Contractors Association (NRCA)
   1. Roofing and Waterproofing Manual

H. American Society of Civil Engineers (ASCE)

1.7 QUALITY ASSURANCE
   A. Engage an experienced roofing contractor specializing in sheet metal flashing work with a minimum of five (5) years experience.
   B. Maintain a full-time supervisor/foreman who is on the job-site at all times during installation. Foreman must have a minimum of five (5) years experience with the installation of similar system to that specified.
   C. Source Limitation: Obtain components from a single manufacturer. Secondary products which cannot be supplied by the specified manufacturer shall be approved in writing by the primary manufacturer prior to bidding.
   D. Upon request fabricator/installer shall submit work experience and evidence of financial responsibility. The Owner's representative reserves the right to inspect fabrication facilities in determining qualifications.

1.8 DELIVERY, STORAGE, AND HANDLING
   A. Deliver materials in manufacturer's original, unopened containers or packages with labels intact and legible.
   B. Stack pre-formed and pre-finished material to prevent twisting, bending, or abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
   C. Prevent contact with materials which may cause discoloration or staining.

1.9 PROJECT CONDITIONS
   A. Determine that work of other trades will not hamper or conflict with necessary fabrication and storage requirements for pre-formed metal edge system.

1.10 DESIGN AND PERFORMANCE CRITERIA
   A. Thermal expansion and contraction:
      1. Completed metal edge flashing system shall be capable of withstanding expansion and contraction of components caused by changes in temperature without buckling, producing excess stress on structure, anchors or fasteners, or reducing performance ability.

PART 2 — PRODUCTS

2.1 PRODUCTS, GENERAL
   A. Refer to Division 01 Section "Common Product Requirements."
   B. Basis of Design: Materials, manufacturer's product designations, and/or manufacturer's names specified herein shall be regarded as the minimum standard of quality required for work of this Section. Comply with all manufacturer and contractor/fabricator quality and performance criteria specified in Part 1.
   C. Substitutions: Products proposed as equal to the products specified in this Section shall be submitted in accordance with Bidding Requirements and Division 01 provisions.
      1. Include a list of three (3) projects of similar type and extent, located within a one hundred mile radius from the location of the project. In addition, the three projects must be at least five (5) years old and be available for inspection by the Owner.
      2. Equivalency of performance criteria, warranty terms, submittal procedures, and contractual terms will constitute the basis of acceptance.
      3. The Owner's decision regarding substitutions will be considered final. Unauthorized substitutions will be rejected.
2.2 ACCEPTABLE MANUFACTURERS
   A. The design is based upon roofing systems engineered and manufactured by The Garland Company. Contractor to procure sheet metal at best value for Ogle County. This specification shall be used as a guideline.

2.3 MATERIALS
   A. General: Product designations for the materials used in this section shall be based on performance characteristics of the R-MER Edge System manufactured by the Garland Company, Cleveland, OH, and shall form the basis of the contract documents.

   B. Materials:
      1. Minimum gauge of steel or thickness of Aluminum to be specified in accordance with Architectural Sheet Metal Manual, Sheet Metal and Air Conditioning Contractor's National Association, Inc. recommendations
      2. Unexposed base metal material:
         Coping
            A. Zinc-coated steel, ASTM A653, coating designation G-90, in thickness of 24 gauge, 36" to 48" by coil length, chemically treated, commercial or lock-forming quality.

   3. Exposed base metal material:

   C. Finishes:
      1. Exposed surfaces for coated panels:
         a. Steel Finishes: fluorocarbon finish. Epoxy primer baked both sides, .2-.25 mils thickness as approved by finish coat manufacturer.
            Weathering finish as referred by National Coil Coaters Association (NCCA).

            | PROPERTY               | TEST METHOD      | FLUOROCARBON* |
            |------------------------|------------------|---------------|
            | Pencil                 | ASTM D3363       | HB-H          |
            | Hardness               | NCCA II-2        |               |
            | Bend                   | ASTM D-4145      | O-T           |
            |                        | NCCA II-19       |               |
            | Cross-Hatch            | ASTM D3359       | no loss of adhesion |
            | Adhesion               |                  |               |
            | Gloss                  | ASTM D523        | 25+/-5%       |
            | (60° angle)            |                  |               |
            | Reverse Impact         | ASTM D2794       | no cracking or loss of adhesion |
            |                        |                  |               |
            | Nominal Thickness      | ASTM D1005       |               |
            | Primer                 |                  | 0.2 mils      |
Topcoat 0.8 mils
TOTAL 1.0 mils

* Subject to minimum quantity requirements

b. Color shall be as specified

2. Exposed and unexposed surfaces for mill finish flashing, fascia, and coping cap, shall be as shipped from the mill.

2.4 RELATED MATERIALS AND ACCESSORIES
A. Metal Primer: Zinc chromate type.
B. Plastic Cement: ASTM D 4586
C. Sealant: Specified in Section 07900 or on drawings.
D. Underlayment: ASTM D2178, No15 asphalt saturated roofing felt.
E. Slip Sheet: Rosin sized building paper.
F. Fasteners:
   1. Corrosion resistant screw fastener as recommended by metal manufacturer. Finish exposed fasteners same as flashing metal.
   2. Fastening shall conform to Factory Mutual requirements or as stated on section details, whichever is more stringent.
G. Gutter and Downspout Anchorage Devices: Material as specified for system.

PART 3 — EXECUTION
3.1 EXECUTION, GENERAL
   A. Refer to Division 07 Section Common Work Results for Thermal and Moisture Protection.

3.2 PROTECTION
   A. Isolate metal products from dissimilar metals, masonry or concrete with bituminous paint, tape, or slip sheet. Use gasketed fasteners where required to prevent corrosive reactions.

3.3 GENERAL
   A. Secure fascia to wood nailers at the bottom edge with a continuous cleat.
   B. Fastening of metal to walls and wood blocking shall comply with building code standards.
   C. All accessories or other items essential to the completeness of sheet metal installation, whether specifically indicated or not, shall be provided and of the same material as item to which applied.
   D. Allow sufficient clearances for expansion and contraction of linear metal components. Secure metal using fasteners as required by the system. Exposed face fastening will be rejected.

3.4 INSPECTION
   A. Verify that curbs are solidly set and nailing strips located.
   B. Perform field measurements prior to fabrication.
   C. Coordinate work with work of other trades.
   D. Verify that substrate is dry, clean and free of foreign matter.
   E. Commencement of installation shall be considered acceptance of existing conditions.

3.5 MANUFACTURED SHEET METAL SYSTEMS
   A. Furnish and install manufactured fascia and coping cap systems in strict accordance with manufacturer's printed instructions.
   B. Provide factory-fabricated accessories including, but not limited to, fascia extenders, miters, scuppers, joint covers, etc. Refer to Source limitation provision in Part 1.
3.6 SHOP-FABRICATED SHEET METAL
   A. Metal work shall be shop fabricated to configurations and forms in accordance with recognized sheet metal practices.
   B. Hem exposed edges.
   C. Angle bottom edges of exposed vertical surfaces to form drip.
   D. Lap corners with adjoining pieces fastened and set in sealant.
   E. Form joints for gravel stop fascia system, coping cap with a 3/8" opening between sections. Back the opening with an internal drainage plate formed to the profile of fascia piece.
   F. Install sheet metal to comply with referenced ANSI/SPRI, SMACNA and NRCA standards.

3.7 CLEANING
   A. Clean installed work in accordance with the manufacturer's instructions.
   B. Replace damaged work than cannot be restored by normal cleaning methods.

3.8 CONSTRUCTION WASTE MANAGEMENT
   A. Remove and properly dispose of waste products generated. Comply with requirements of authorities having jurisdiction.

3.9 FINAL INSPECTION
   A. At completion of installation and associated work, meet with Contractor, installer, installer of associated work, Owner, roofing system manufacturer's representative, and other representatives directly concerned with performance of roofing system.
   B. Inspect work and flashing of roof penetrations, walls, curbs and other equipment. List all items requiring correction or completion and furnish copy of list to each party in attendance.
   C. Repair or replace deteriorated or defective work found at time above inspection as required to a produce an installation which is free of damage and deterioration at time of Substantial Completion and according to warranty requirements.
   D. Notify the Owner upon completion of corrections.
   E. Following the final inspection, provide written notice of acceptance of the installation from the roofing system manufacturer.
   F. Immediately correct roof leakage during construction. If the Contractor does not respond within twenty-four (24) hours, the Owner will exercise rights to correct the Work under the terms of the Conditions of the Contract.

3.10 DEMONSTRATION AND TRAINING
   A. At a time and date agreed to by the Owner, instruct the Owner's facility manager, or other representative designated by the Owner, on the following procedures:
      1. Troubleshooting procedures.
      2. Notification procedures for reporting leaks or other apparent roofing problems.
      4. The Owner's obligations for maintaining the warranty in effect and force.
      5. The Manufacturer's obligations for maintaining the warranty in effect and force.
SECTION 01 43 33.75
ROOFING MANUFACTURER'S FIELD SERVICES

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including the Conditions of the Contract and Division 07 Specification Sections apply to this Section.

1.2 SUMMARY

A. Section includes Manufacturer’s field services for roofing assemblies.

B. Related Sections:
   1. Section 07 52 00 – Modified Bituminous Membrane Roofing.
   2. Section 07 22 00 – Roof Deck and Insulation
   3. Section 07 62 00 – Sheet Metal Flashing and Trim

C. Related Work Specified Elsewhere:
   1. Roofing Material: Section 07 52 00- Modified Bituminous Membrane Roofing.

3.3 REFERENCES

A. International building Code (current edition) or local authority building code.

B. American Society of Civil Engineers (ASCE): ASCE 7, Minimum Design Loads for Buildings and Other Structures.

C. Factory Mutual Global (FMG): Roof Assembly Classifications.


3.4 SUBMITTALS FOR REVIEW

A. Roofing System Manufacturer’s Report Form: Provide a copy of the report form utilized by the roofing system manufacturer for progress inspections to monitor installation and quality.

B. Online Reporting Capabilities: Provide a sample of the roofing system manufacturer’s online roof inspection report as well as information about how long inspection reports are available to owner.

3.5 SUBMITTALS FOR INFORMATION

014333.75-1
A. Manufacturer’s Certificate: Certify that roof system furnished is approved by Factory Mutual Global, Underwriters Laboratories, Warnock Hersey or approved third party testing facility in accordance with ASTM E108, Class [A or B or C] for external fire and meets local or nationally recognized building codes.

B. Design Loads: Submit copy of manufacturer’s minimum design load calculations according to ASCE 7, Method 2 for Components and Cladding. In no case shall the design loads be taken to be less than those detailed in Design and Performance Criteria article of this specification.

3.6 CONTRACT CLOSEOUT SUBMITTALS

A. Project Warranty: Provide specified warranty for the Project, executed by the authorized agent of the Manufacturer.

B. Roofing Maintenance Instructions: Provide a roof care and maintenance manual of manufacturer’s recommendations for maintenance of installed roofing systems.

C. Insurance Certification: Assist Owner in preparation and submittal of roof installation acceptance certification as may be necessary in connection with fire and extended coverage insurance on roofing and associated work.

D. Inspection Logs: Copy of inspection reports as performed by the manufacturer shall be submitted at project closeout and include photographic documentation of installation progress, weather conditions, and personnel on the project at the time of every inspection.

3.7 QUALITY ASSURANCE

A. Installer Qualifications: Company specializing in specified roofing installation with not less than [5] years experience and authorized by roofing system manufacturer as qualified to install manufacturer’s roofing materials.

B. Installer’s Field Supervision: Maintain a full-time Supervisor/Foreman on job site during all phases of roofing work while roofing work is in progress. Maintain proper supervision of workmen.

C. Maintain a copy of the roof plans, details, and specifications in the possession of the Supervisor/Foreman and on the roof at all times.

3.8 PRE-INSTALLATION CONFERENCE

A. Pre-Installation Roofing Conference: Convene a pre-roofing conference approximately two (2) weeks before scheduled commencement of roofing system installation and associated work.

B. Require attendance of installer of each component of associated work: installers of deck or substrate construction to receive roofing work: installers of rooftop units and other work in and around roofing that must precede or follow roofing work (including mechanical work if any): architect and/or engineer: owner: roofing system manufacturer’s full time employee: and other representatives directly concerned with
performance of the Work, including (where applicable) owner’s insurers, testing agencies and governing authorities. Objectives of conference include:

1. Review foreseeable methods and procedures related to roofing work, including set up and mobilization areas for stored material and work area.
2. Tour representative areas of roofing substrates (decks), inspect and discuss condition of substrate, roof drains, curbs, penetrations and other preparatory work performed by others.
3. Review structural loading limitations of deck and inspect deck for loss of flatness and for required attachment.
4. Review roofing system requirements (drawings, specifications and other contract documents).
5. Review required submittals both completed and yet to be completed.
6. Review and finalize construction schedule related to roofing work and verify availability of materials, installer’s personnel, equipment and facilities needed to make progress and avoid delays.
7. Review required inspection, testing, certifying and material usage accounting procedures.
8. Review weather and forecasted weather conditions and procedures for coping with unfavorable conditions, including possibility of temporary roofing (if not a mandatory requirement).
9. Record discussion of conference including decisions and agreements (or disagreements) reached and furnish a copy of record to each party attending. If substantial disagreements exist at conclusion of conference, determine how disagreements will be resolved and set date for reconvening conference.

C. The Owner’s Representative will designate one of the conference participants to record the proceedings and promptly distribute them to the participants for record.

D. The intent of the conference is to resolve issues affecting the installation and performance of roofing work. Do not proceed with roofing work until such issues are resolved to the satisfaction of the owner of record. This shall not be construed as interference with the progress of Work on the part of the owner or [architect or engineer] of Record.

3.9 MANUFACTURER’S INSPECTIONS

A. When the Project is in progress, a full-time employee of the roofing system manufacturer must provide the following:
   1. Report progress and quality of the work as observed. Progress reports must be published to an online system as referenced in Section 1.4.
   2. Provide periodic (3 days per week) roofing installation inspections: Inspections must include: photographic documentation of work in-progress and written statements of compliance with details/shop drawings.
   3. Report to the owner, architect and/or engineer in writing any failure or refusal of the contractor to correct unacceptable practices called to the contractor’s attention.
   4. Confirm after project completion that the manufacturer has observed no application procedures in conflict with the specifications other than those that may have been previously reported and corrected.

3.10 WARRANTY

A. Upon completion of installation, and acceptance by the owner and architect and/or engineer, the manufacturer will supply to the owner the specified warranty.
B. Installer will submit a two (2)-year workmanship warranty to the membrane manufacturer with a copy directly to the owner.

C. The roofing system manufacturer must have been in continuous business operation for a period of time at least as long as the length of the roof system warranty provided for this project.

3.11 DESIGN AND PERFORMANCE CRITERIA

A. Uniform Wind Uplift Load Capacity (required for each roof section)
1. Installed roof system shall withstand negative (uplift) design wind loading pressures complying with the following criteria.
   Attachment shall be installed exactly as given in Part 3.
   b. Category [I, II, III, or IV] Building with an Importance Factor of [0.77, 1.0, 1.15, or 2.0]
   c. Wind Speed: [ ] mph
   d. Ultimate Pullout Value: [ ] pounds per each of the fastener
   e. Exposure Category: [B, C, D]
   f. Design Roof Height: [ ] feet.
   g. Minimum Building Width: [ ] feet.
   h. Roof Pitch: [ ] inches per foot.
   i. Topographic Factor: [ ]

1) Roof Area Design Uplift Pressure:
2) Zone 1 – Field of roof [ ] psf
3) Zone 2 – Eaves, ridges, hips and rakes [ ] psf
4) Zone 3 – Corners [ ] psf

B. Snow Load: [ ] psf.

C. Live Load: 20 psf, or not to exceed original building design.

D. Dead Load: Loading of the roof structure, due to tear off of existing and/or installation of new roofing materials shall not exceed the present loading due to weight of the existing roofing system by more than [ ] psf. [ ] psf is being removed from the roof through tear off as specified. [ ] psf will be added to the weight of the existing roof through installation. Total addition of weight to the roof structure is [ ] psf.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION

1.1 EXECUTION, GENERAL

A. Comply with requirements of related Division 07 Section.

1.2 GENERAL INSTALLATION REQUIREMENTS

A. Cooperate with manufacturer, inspection and test agencies engaged or required to perform services in connection with installing the roof system.

B. Insurance/Code Compliance: Where required by code, install and test the roofing system to comply with governing regulation and specified insurance requirements.
1.3 FIELD QUALITY CONTROL

A. Roofing Manufacturer Representative shall perform field inspection as specified in Article titled: MANUFACTURER’S INSPECTIONS above. Inspections must include photographic documentation of installation progress, weather conditions, and personnel on the project at the time of inspection.

B. Correct defects or irregularities discovered during field inspection. Issues deemed defective must be re-inspected and determined suitable by the roofing manufacturer.

C. Require attendance of roofing materials manufacturers’ representatives at site during installation of the roofing system. A copy of the specification shall also be on site at all times.

D. Frequent progress meetings shall be conducted during the performance of roof system installation and must be attended by the owner, roofing system manufacturer’s full time employee, and other representatives directly concerned with performance of the work.

1.4 FINAL INSPECTION

A. At the completion of the roofing installation and associated work, meet with contractor, installer, installer of associated work, owner, roofing system manufacturer’s representative, and other representatives directly concerned with performance of roofing system.

B. Walk roof surface areas of the building, inspect perimeter building edges as well as flashing of roof penetrations, walls, curbs and other equipment. List all items requiring correction or completion and furnish copy of list to each party in attendance.

C. Notify the Owner upon completion of corrections.

D. The roofing system manufacturer reserves the right to request a thermographic scan of the roof during final inspection to determine if any damp or wet materials have been installed. The thermographic scan shall be provided by the roofing contractor.

E. If core cuts verify the presence of damp or wet materials, the roofing contractor shall be required to replace the damaged areas at his own expense.

F. Following the final inspection, provide written notice of acceptance of the installation from the roofing system manufacturer.

G. Immediately correct roof leakage during construction. If the contractor does not respond within twenty four (24) hours, the owner may exercise right to correct the Work under the terms of the Conditions of the Contract.

END OF SECTION
SECTION 01300
SUBMITTALS

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 work of this section.

B. Related Sections:

1. Section 007200 – General Conditions

1.2 SUBMITTAL PROCEDURES

A. Coordination of submittals

1. Prior to each submittal, carefully review and coordinate all aspects of each item being submitted.

2. Verify that each item and the submittal for it conform in ALL respects with the specified requirements.

3. By affixing the Contractor’s signature or approval stamp to each submittal, he/she certifies that this coordination has been performed.

B. Substitutions

1. The Contract is based on the standards of quality established in the Contract Documents. Use of any materials or methods other than those specified will require the proper submittal information outlined in paragraph 1.3 of this section. These submittals must be received a minimum of fourteen (14) days prior to the bid opening and be pre-approved in written addenda before bids are accepted by the building owner.

2. The following products do not require further approval except for interface within the work:

a. Minor products specified by reference to standard specification such as ASTM and similar standards.

3. Do not substitute materials, equipment, or methods unless such substitution has been specifically approved by addenda for this Work by the Owner prior to receipt of bids.
4. Building owner reserves the right to final authority on acceptance or rejection of any substitute.

5. Request for substitutions will be accepted from prime bidders only. Requests for substitutions from parties not bidding on the project as a primary contractor will not be considered.

C. “Or Equal”.

1. The specified materials are named and denote the kind and quality required, whether or not the words “or approved equal” are used. These materials shall serve as standards and all proposals shall be based upon the same.

2. Where the phrase “or equal,” or “or equal as approved by the Owner,” occurs in the Contract Documents. The material method must be so approved for this Work by the Owner prior to receipt of bids.

3. The decision of the Owner shall be final.

1.3 SUBMITTAL DOCUMENTS

A. All proposed material substitutions must submit the following documentation with their submittals two (2) days prior to the mandatory pre-bid date.

1. A list of (10) jobs of similar size where the proposed alternate materials have been used, under similar conditions as specified.

2. Accredited testing laboratory certificate verifying physical performance attributes of materials meet specifications according to Section 075200.

3. Copy of roofing supplier’s warranty which meets all requirements of the specified warranty according to Section 01740.

4. Product samples of the smallest standard packaged size of any adhesive, coating, mastic, sealant, or ply sheet.

5. Individual product identification, including manufacturer’s literature and MSDS sheets.

6. Letter from the material supplier signed by a corporate officer, on company stationary, confirming that all bidding documents have been approved, that the site has been inspected and meets the requirements for suitability, and that the specified warranty shall be provided upon satisfactory completion of the project.

7. Material supplier providing the roofing warranty shall be ISO 9001 Certified, and must submit a copy of their ISO 9001 Certificate of Registration.
8. Verify material supplier is a financially stable organization with the ability to protect the building Owner from both product liability and warranty claims relating to roofing that might arise during the course of the warranty period. It is the intent of the building Owner to establish requirements that will protect him/her, be fair to all suppliers and ensure that requirements are in line with the exposure of the supplier.

9. Provide the address, size (square footage), and number manufacturing employees, and number of years the “plant” has been owned or leased.

10. In addition, any proposed substitute materials or methods must also be accompanied by the following documentation:
   a. A detailed analysis of the roofs being bid on.
   b. A complete specification of the proposed substitute. If, after review, the substitute is found to be acceptable, copies will be provided to each bidder who has picked up the original specification by a written addenda.
   c. Written explanation of why substitutions should be considered is required.

11. Manufacturer’s inspection reports:
   a. Three (3) days per week inspection reports to owner from full time material manufacturer’s employee. The reports will include pictures of the days progress made by the contractor and a detailed written report as to the work performed that day.
   b. The roofing manufacturer will provide an inspection two times per year at no cost to the Owner for the life of the warranty of the roof system with a detailed report outlining the inspection. The report will notify the owner of any routine housekeeping such as cleaning of the drains, storm damage, etc.

12. Certification that the roof system meets or exceeds all necessary wind uplift calculations as performed by a State of Illinois licensed engineer to meet ASCE 7-02. ASCE 7-02 wind uplift parameters are to be in accordance with Section 075220.

END OF SECTION
SECTION 010100
SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including the Conditions of the Contract and Division 07 Specification Sections apply to this Section.

B. Related Sections;
   1. Section 07 52 00 – Modified Bituminous Membrane Roofing.
   2. Section 07 22 00 – Roof Deck and Insulation
   3. Section 07 62 00 -  Sheet Metal Flashing and Trim
   4. Section 00 72 00 – General Conditions
   5. Section 01 64 00 -  Owner Furnished Products

1.2 SYSTEM CONFIGURATION-

Following is a brief description of the scope of work specified in this project. The actual material descriptions with required performance factors and or characteristics as well as execution standards are fully described in the respective sections contained in this specification as well as in the project drawing package. The Garland Company roofing materials designated for direct purchase by the County, will be included on the material list. All other materials will be provided by the contractor.

A. Roof Membrane and surfacing
   1. Three (3) ply Modified Bitumen BUR; Two (2) base plies of Type IV felts and Versiply cap sheet set in hot type III asphalt

B. Roof Flashings
   1. Two (2) flashings; Base ply HPR Tribase Sheet and Versiply Ply cap sheet

C. Insulations
   1. Flat and tapered Polyisocyanurate insulation where specified
   2. ½” High Density asphalt impregnated fiber board

D. Weatherscreen Cold Flood Coat and pea gravel

E. All other Accessories as specified

1.3 SUMMARY OF WORK-
A. Remove existing roof system, and related materials down to the structural deck.

B. Inspect deck for any defects. Where damage to the roof deck is found and deemed unsuitable, immediately notify owner and owner’s representative.

C. Inspect all existing wood blocking. Where damaged wood blocking is found and deemed unusable, immediately notify owner and owner’s representative.

D. Prime entire concrete deck, prime concrete surface with asphalt primer at the rate of one (1) gallon per one hundred (100) square feet.

E. Install 1/4” per foot tapered polyisocyanurate insulation to achieve a minimum average R-Value of 25. Add new wood blocking as needed to achieve minimum 8” flashing heights.

F. Install 1/2” tapered crickets set in type III asphalt at all high side of curbs, penetrations, and between drains as needed to ensure proper drainage.

G. Install ½” wood fiber board, asphalt impregnated on six sides, in hot asphalt per specified rates.

H. Install two plies of Type IV felts set in Type III hot asphalt per specified rates.

I. Install a two ply flashing system consisting of a modified premium base sheet and a premium SBS/SIS rubber high performance modified bitumen finish ply.

J. Install a SBS/SIS rubber high performance modified bitumen cap sheet set in Type III hot asphalt per specified rates.

K. Install cold process rubberized flood coat at five gallons per square and fully embed at 400lbs. per square, washed roofing pea gravel to field membrane.

L. Paint all exposed membrane with manufacturer's Silvershield coating installed per manufacturers specifications.

M. Install all, lead flashings, pitch pockets, and sheet metal accessories as specified in Section 07550 and Section 07600.

N. Install new 24 gauge Kynar coated steel edge metal and counter-flashings where specified.

O. All drains are to be cleaned, inspected, and water tested to ensure proper drainage. Drains will be replaced or retro-fitted at the direction of the Owner.

P. Clean up all debris and damage done to grounds, building and roof top (if any).

Q. Issue a two (2) year labor and workmanship warranty to the Owner.

R. Issue a thirty (30) year no-dollar-limit (NDL) warranty for the entire roof assembly to the Owner.

1.3 INTENT OF THE SPECIFICATIONS

A. The intent of these specifications is to describe the material and methods of construction required for the performance of the work. In general, it is intended that the drawings shall delineate the detailed extent of the work. When there is a discrepancy between
drawings, referenced specifications, and standards and this specification, this specification shall govern.

1.4 PROTECTION

A. The contractor shall use every available precaution to provide for the safety of the property owner, visitors to the site, and all connected with the work under the Contract.

B. All existing facilities both above and below ground shall be protected and maintained free of damage. Existing facilities shall remain operating during the period of construction unless otherwise permitted. All access roadways must remain open to traffic unless otherwise permitted.

C. Barricades shall be erected to fence off all construction areas from operations personnel.

D. Safety Requirements:

1. All application, material handling, and associated equipment shall conform to and be operated in conformance with OSHA safety requirements.

2. Comply with federal, state, and local and owner fire and safety requirements.

3. Advise owner whenever work is expected to be hazardous to owner employees and/or operations.

4. Maintain a crewman as a floor guard whenever roof decking is being repaired or replaced.

5. Maintain proper fire extinguisher within easy access whenever power tools, roofing kettles, and torches are being used. A MINIMUM OF A 2 HOUR FIRE WATCH SHALL BE STRICTLY ADHERED TO WHENEVER PROPANE TORCHES ARE IN USE.

6. ALL SAFETY REQUIREMENTS OF THE BUILDING OWNER MUST BE FOLLOWED. NO EXCEPTIONS WILL BE PERMITTED. SAFETY ORIENTATION MEETING REQUIRED PRIOR TO PERFORMING ANY WORK.

1.5 HOUSEKEEPING

A. Keep materials neat and orderly.

B. Remove scrap, waste and debris from the project area.

C. Maintenance of clean conditions while work is in progress and cleanup when work is completed shall be in strict accordance with the "General Conditions" of this contract.

D. Fire protection during construction.

E. Follow all requirements established by the building owner.

END OF SECTION
OGLE COUNTY
Corrections Office Roof Replacement Bid Form

SUBMIT BIDS TO: OGLE COUNTY CLERKS OFFICE
105 Srd Street Suite 104
Oregon, IL 61061

BID DUE DATE/TIME: Wednesday June 18th, 2014
1:00pm CST

I, the undersigned, having familiarized myself with the attached Contract Documents do hereby propose to furnish all labor, equipment, materials (non-Client supplied) supervision, etc. and to complete all work as specified in these Documents and Specifications. Contractor is responsible for all work necessary to complete the work as written in the specifications. By my submission of this Bidding Proposal I acknowledge the receipt of the Package containing the following: General Conditions & Requirements, General Instructions to Bidders, Detailed Specifications, Detailed Rooftop Diagrams, and Detailed Specification Drawings. To provide supervision, labor, materials, insurance and equipment for roof replacement of the following items, per the attached:

OGLE COUNTY Corrections Office -Base Bid:

A. Reroofing work required exclusive of the Owner Furnished materials provided through US Communities Government Purchasing Alliance program for the sum of:

  One hundred twenty thousand two hundred & 00/100 ------------------------- Dollars ($ 120,200.00 )

B. Total amount of the Owner Furnished materials provided through US Communities Government Purchasing Alliance program:

  Twenty-eight thousand seven hundred & 00/100 ------------------------- Dollars ($ 28,700.00 )

C. Total Bid (A+B)

  One hundred forty-eight thousand nine hundred & 00/100 ------------------------- Dollars ($ 148,900.00 )

Additional Items as Needed:
Additional Price to Add Wood Blocking as Needed: $_________ 4.90 l.f.
Additional Price for Concrete Deck Repair: $_________ 34.80 s.f.
Addenda Received #1 - #1

CONTRACTOR INFORMATION:

NAME: Paul W. Naretta
SIGNATURE: Paul W. Naretta
TITLE: Vice President
BUSINESS NAME: McDermaid Roofing & Insulating Co.
CONTRACTOR ADDRESS: 1229 Kishwaukee Street, Rockford IL 61104
DATE: 06-18-2014

Presented and Approved at the July 15, 2014 Ogle County Board Meeting:

Kim P. Gouker, Chairman
Rebecca Huntley, Ogle County Clerk
Change Order

PROJECT (Name and address):
Ogle County Sheriff's Administration Center
103 Jefferson St
Oregon, IL 61061

TO CONTRACTOR (Name and address):
Rockford Structures Construction Company
10540 N Second St
Machesney Park, IL 61115

CHANGE ORDER NUMBER: 002
DATE: July 10, 2014
ARCHITECT'S PROJECT NUMBER: 12022.00
CONTRACT DATE: 04/23/2014
CONTRACT FOR: General Construction

OWNER: 
ARCHITECT: 
CONTRACTOR: 
FIELD: 
OTHER: 

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Alternate Bid #12 - Bollards and Planters</td>
<td>$29,200.00</td>
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<tr>
<td>Testing and Inspecting Allowance</td>
<td>$10,000.00</td>
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<tr>
<td>Permit Allowance</td>
<td>$12,000.00</td>
</tr>
<tr>
<td>Submittal Exchang Allowance</td>
<td>$4,500.00</td>
</tr>
<tr>
<td>Contingency Allowance</td>
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<td>Signage Allowance</td>
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<tr>
<td>Hydraulic Coroner Table Allowance</td>
<td>$5,200.00</td>
</tr>
<tr>
<td>911 Backup ductwork from RTU-3 Allowance</td>
<td>$5,000.00</td>
</tr>
</tbody>
</table>

Total Allowances prior to this Change Order: $112,000.00
Total Allowances will be decreased in the amount of: $29,200.00
The new Total Allowance Balance is: $82,800.00

The original Contract Sum was: $3,996,794.00
The net change by previously authorized Change Orders: $0.00
The Contract Sum prior to this Change Order was: $3,996,794.00
The Contract Sum will be increased by this Change Order in the amount of: $0.00
The new Contract Sum including this Change Order will be: $3,996,794.00
The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is.

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Siavedra Gehlhausen Architects
ARCHITECT (Firm name)
504 N Church St, Rockford, IL 61103

Rockford Structures Construction Co.
CONTRACTOR (Firm name)
10540 N Second St, Machesney Park, IL 61115

Ogle County
OWNER (Firm name)
105 S 5th St, Oregon, IL 61061

Michael J. Olson, LEED AP BD+C
BY (Signature)
07.10.14
Typed name

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User Notes:
Presented and Approved at the July 15, 2014 Ogle County Board Meeting.

Kim P. Gouker, Chairman

Rebecca Huntley, Ogle County Clerk and Recorder
RESOLUTION 2014-0709

WHEREAS, the Illinois Open Meetings Act, 5 ILCS 120/1 et. seq., requires every public body review minutes of closed meetings and report whether as to each set of minutes the need for confidentiality still exists or whether such minutes no longer require confidential treatment and are available for public inspection; and

WHEREAS, the State’s Attorney and Juvenile & Probation Committee with the assistance of the State’s Attorney has reviewed minutes of closed meetings of the County Board and committees; and

WHEREAS, the Executive Committee recommends that certain minutes of closed meetings be made available for public inspection, and that certain minutes remain closed.

NOW, THEREFORE BE IT RESOLVED that the Ogle County Board finds that as to the following minutes of closed meetings there no longer exists the need for confidentiality and the minutes shall me made available for public inspection:

<table>
<thead>
<tr>
<th>Date of Meeting</th>
<th>Body</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 12, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>March 12, 2013</td>
<td>HEW</td>
</tr>
<tr>
<td>April 9, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>April 10, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>May 14, 2013</td>
<td>Executive</td>
</tr>
<tr>
<td>May 14, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>May 14, 2013</td>
<td>County Infrastructure</td>
</tr>
<tr>
<td>June 11, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>July 9, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>August 13, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>October 8, 2013</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
<tr>
<td>January 14, 2014</td>
<td>State’s Atty &amp; Juvenile &amp; Probation</td>
</tr>
</tbody>
</table>

BE IT FURTHER RESOLVED that the County Board finds that the need for confidentiality still exists for the minutes of the following closed meetings of the Ogle County Board and its committees and as such shall remain closed:

<table>
<thead>
<tr>
<th>Date of Meeting</th>
<th>Body</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 21, 1996</td>
<td>County Board</td>
<td>Personnel-discipline</td>
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<tr>
<td>June 18, 1996</td>
<td>County Board</td>
<td>Personnel-discipline</td>
</tr>
<tr>
<td>April 17, 1999</td>
<td>County Board</td>
<td>Personnel</td>
</tr>
<tr>
<td>December 18, 2001</td>
<td>County Board</td>
<td>Labor Negotiations</td>
</tr>
<tr>
<td>May 12, 2003</td>
<td>Solid Waste Committee</td>
<td>Personnel</td>
</tr>
<tr>
<td>February 13, 2002</td>
<td>Personnel Committee</td>
<td>Personnel</td>
</tr>
<tr>
<td>February 14, 2003</td>
<td>Finance Committee</td>
<td>Personnel</td>
</tr>
<tr>
<td>April 14, 2003</td>
<td>H.E.W.</td>
<td>Personnel</td>
</tr>
<tr>
<td>April 15, 2003</td>
<td>County Board</td>
<td>Sheriff Union Contracts</td>
</tr>
<tr>
<td>May 12, 2003</td>
<td>State’s Attorney</td>
<td>Personnel</td>
</tr>
<tr>
<td>August 19, 2003</td>
<td>County Board</td>
<td>McKnight</td>
</tr>
<tr>
<td>December 16, 2003</td>
<td>County Board</td>
<td>Personnel</td>
</tr>
<tr>
<td>January 12, 2004</td>
<td>Executive</td>
<td>Judicial Center</td>
</tr>
<tr>
<td>April 15, 2004</td>
<td>H.E.W.</td>
<td>Union Negotiations</td>
</tr>
<tr>
<td>May 18, 2004</td>
<td>County Board</td>
<td>Health Dept Union Negotiations</td>
</tr>
<tr>
<td>July 16, 2004</td>
<td>Executive</td>
<td>Pending Litigation</td>
</tr>
<tr>
<td>July 20, 2004</td>
<td>County Board</td>
<td>Com Ed &amp; Byron Dragway</td>
</tr>
<tr>
<td>August 6, 2004</td>
<td>County Board</td>
<td>Byron Dragway</td>
</tr>
<tr>
<td>Date</td>
<td>Committee/Department</td>
<td>Topic</td>
</tr>
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<tr>
<td>November 24, 2004</td>
<td>Finance</td>
<td>Union Contracts</td>
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<tr>
<td>December 21, 2004</td>
<td>County Board</td>
<td>Pending Litigation</td>
</tr>
<tr>
<td>March 11, 2005</td>
<td>Finance</td>
<td>Pending Litigation – personnel &amp; labor relations</td>
</tr>
<tr>
<td>April 14, 2005</td>
<td>Planning &amp; Zoning</td>
<td>Appts to ZBA</td>
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<tr>
<td>May 17, 2005</td>
<td>County Board</td>
<td>Sheriff Union Contract</td>
</tr>
<tr>
<td>May 25, 2005</td>
<td>Finance &amp; Negotiations</td>
<td>Sheriff Union Negotiations</td>
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<tr>
<td>August 11, 2005</td>
<td>County Board</td>
<td>Collective Negotiations</td>
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<tr>
<td>November 15, 2005</td>
<td>County Board</td>
<td>Negotiating with Sheriff</td>
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<td>December 20, 2005</td>
<td>County Board</td>
<td>Land Acquisition</td>
</tr>
<tr>
<td>January 10, 2006</td>
<td>Personnel &amp; Salary</td>
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</tr>
<tr>
<td>January 17, 2006</td>
<td>County Board</td>
<td>Litigation &amp; Land Acquisition</td>
</tr>
<tr>
<td>February 9, 2006</td>
<td>County Board</td>
<td>Appeal to PTAB</td>
</tr>
<tr>
<td>February 14, 2006</td>
<td>Executive</td>
<td>Land Acquisition / Litigation</td>
</tr>
<tr>
<td>February 17, 2006</td>
<td>Finance Committee</td>
<td>Pending litigation/Personnel</td>
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<tr>
<td>February 21, 2006</td>
<td>County Board</td>
<td>Sheriff Contracts – McKnight – Land Acquisition</td>
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<tr>
<td>March 17, 2006</td>
<td>Screening Committee</td>
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<tr>
<td>April 11, 2006</td>
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<tr>
<td>November 16, 2006</td>
<td>Personnel Committee</td>
<td>Pending Litigation</td>
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<td>February 20, 2007</td>
<td>County Board</td>
<td>Pending Litigation</td>
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<td>March 20, 2007</td>
<td>County Board</td>
<td>Land Acquisition</td>
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<tr>
<td>September 4, 2007</td>
<td>Long Range Planning</td>
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<td>Long Range</td>
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<td>Long Range Planning</td>
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<td>June 11, 2008</td>
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<td>Litigation – Byron Nuclear Plant</td>
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<td>Labor Negotiations</td>
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<td>November 10, 2009</td>
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<td>Finance</td>
<td>Labor Negotiations</td>
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<td>March 10, 2010</td>
<td>Finance</td>
<td>Labor Negotiations/Litigation</td>
</tr>
<tr>
<td>April 14, 2010</td>
<td>Finance</td>
<td>Labor Negotiations</td>
</tr>
<tr>
<td>May 25, 2010</td>
<td>Finance</td>
<td>Labor Negotiations/Litigation</td>
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<td>June 15, 2010</td>
<td>County Board</td>
<td>Labor Negotiations/Litigation</td>
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<td>County Board</td>
<td>Labor Negotiations/Litigation</td>
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<td>September 29, 2010</td>
<td>Finance</td>
<td>Labor Negotiations/Litigation</td>
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<tr>
<td>November 9, 2010</td>
<td>Probation &amp; Judiciary</td>
<td>Labor Negotiations/Litigation</td>
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<tr>
<td>November 10, 2010</td>
<td>Personnel &amp; Salary</td>
<td>Labor Negotiations/Personnel</td>
</tr>
<tr>
<td>November 10, 2010</td>
<td>County Board</td>
<td>Labor Negotiations</td>
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<tr>
<td>November 16, 2010</td>
<td>County Board</td>
<td>Labor Negotiations</td>
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<tr>
<td>November 14, 2010</td>
<td>Finance</td>
<td>Labor Negotiations</td>
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<tr>
<td>December 6, 2010</td>
<td>County Board</td>
<td>Labor Negotiations</td>
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<tr>
<td>February 8, 2011</td>
<td>SA &amp; Circuit Clerk</td>
<td>Labor Negotiations</td>
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<tr>
<td>March 15, 2011</td>
<td>SA &amp; Circuit Clerk</td>
<td>Labor Negotiations</td>
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<tr>
<td>May 10, 2011</td>
<td>Finance Committee</td>
<td>Personnel</td>
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<tr>
<td>May 17, 2011</td>
<td>County Board</td>
<td>Litigation</td>
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<td>June 13, 2011</td>
<td>HEW Committee</td>
<td>Appointment</td>
</tr>
<tr>
<td>July 11, 2011</td>
<td>Probation/Judiciary</td>
<td>Labor Negotiations</td>
</tr>
<tr>
<td>July 11, 2011</td>
<td>HEW Committee</td>
<td>Appointment</td>
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<td>July 19, 2011</td>
<td>Finance Committee</td>
<td>Personnel</td>
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<td>September 13, 2011</td>
<td>SA/Circuit Clerk</td>
<td>Labor Negotiations</td>
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<td>November 7, 2011</td>
<td>HEW Committee</td>
<td>Compensation/Interviews</td>
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<td>November 8, 2011</td>
<td>Planning &amp; Zoning</td>
<td>Personnel</td>
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<tr>
<td>November 8, 2011</td>
<td>Circuit Clerk &amp; SA</td>
<td>Union</td>
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</table>
December 12, 2011 Personnel
December 13, 2011 Finance
December 13, 2011 Long Range
January 17, 2012 County Board
February 21, 2012 County Board
May 15, 2012 County Board
August 14, 2012 Circuit Clerk & SA
October 10, 2012 County Clerk
November 14, 2012 HEW
February 13, 2013 Executive
February 19, 2013 County Board
March 12, 2013 Executive
March 19, 2013 County Board
April 10, 2013 HEW
April 16, 2013 County Board
May 14, 2013 County Security
June 18, 2013 Negotiations
July 2, 2013 Negotiations
August 8, 2013 Finance
September 5, 2013 Executive
September 10, 2013 Negotiations
September 27, 2013 State's Attorney
November 12, 2013 Negotiations
December 5, 2013 Long Range Planning
December 10, 2013 Negotiations
December 20, 2013 Judiciary & Circuit Clerk
January 14, 2014 Negotiations
February 19, 2014 Negotiations
March 20, 2014 HEW
April 8, 2014 County Board
April 15, 2014 Negotiations
April 23, 2014 State's Atty & Juv & Prob
June 10, 2014

BE IT FURTHER RESOLVED that this resolution shall be effective upon passage.

Presented and Adopted at the July 15, 2014, Ogle County Board Meeting.

Attest: Rebecca Huntley
Ogle County Clerk

Kim P. Gouker
Ogle County Board Chairman