



QUOTE DOCUMENTS

FOR

QUOTE # Q6941

**RIVER WOODS NEW SECURITY VESTIBULE
2929 SE 22ND STREET
Des Moines, Iowa**

AND

**GARTON NEW SECURITY VESTIBULE
2820 EAST 24TH STREET
Des Moines, Iowa**

Owner

**Des Moines Independent Community School District
1917 Dean Avenue
Des Moines, Iowa 50316**

Architect

**Larrison and Associates
3520 Beaver Avenue
Des Moines, Iowa 50310**



**DES MOINES PUBLIC SCHOOLS
RIVER WOODS NEW SECURITY VESTIBULE
2929 SE 22ND STREET
AND
GARTON NEW SECURITY VESTIBULE
2820 EAST 24TH STREET
APRIL 7, 2014**

QUOTE Q 6941

SCOPE OF WORK

DOCUMENTS:

- A. Drawings: (all 11" X 17")
Lovejoy – G-1, A-1, A-2, A-3, A-4 and A-5
Garton – G-1, A-1, A-2 and A-3
- B. Specification Sections: 06100, 07900, 08111, 08210, 08410, 08800, and 09900
- C. Scope of Work – April 7, 2014
- D. Quote Form with Non Collusion and Targeted Small Business Forms
- E. Insurance requirements
- F. Acknowledgement and Certification Form
- G. Bond forms (Payment and Performance)

There will not be formal pre-bid meetings for this quote. You may visit the schools after 3:30 school days (after 2:00 on Wednesdays). Check in at the office when you arrive.

INSTRUCTIONS:

1. Submit quote on enclosed form. Pricing to be submitted not later than 3:00 PM on April 24, 2014. Submit quote form to Des Moines Public Schools at 1917 Dean Avenue, Des Moines, Iowa 50316. Fax or emailed copies of quote form are acceptable. Send quote form to the attention of Doug Ohde (FAX 515-265-8702) or douglas.ohde@dmschools.org.
2. Include the enclosed Non Collusion Affidavit and TSB forms with the quote.
3. Recognize any addenda on the quote form.
4. Questions shall be directed in writing to Doug Ohde – douglas.ohde@dmschools.org

5. The successful firm will be notified on or about April 28, 2014. Purchase order will be provided from the Des Moines Public Schools.
6. Upon receipt of the purchase order the contractor shall submit all shop drawings, samples, and other items for approval.
7. The contractor may stage for the work in designated sections of the parking lots. The contractor shall secure their storage and work areas.
8. Quote shall exclude all sales and use taxes. The District will provide exemption certificates.
9. The successful firm is required to sign the Sex Offender Acknowledgement and Certification form which is attached.
10. The successful firm shall submit an insurance certificate meeting the insurance requirements of the attached document.
11. Quote security (bid bond) is not required.
12. 100% performance and payment bonds are required at the time of the purchase order from the successful contractor. Include the cost of these bonds in the quote price.
13. The Owner will obtain the general building permit if required. Contractors are responsible to obtain and pay for all required trade permits.
14. Payments will be made once a month based upon percentage of work completed. A 5% retainage will be withheld monthly until acceptance of all work.
15. Contractor shall fully clean up the project sites daily.
16. Contractor is required to provide all security for their work areas and for the safety of other persons.
17. If required, the contractor shall install, maintain, and remove temporary enclosures and doors at all exterior doorways during the course of their work to ensure building security.
18. The contractor shall coordinate with the Owners Representative for any facility activities.
19. The work is under one lump sum bid with an informational breakout between the two schools for accounting purposes.
20. The sequencing of the work shall be finalized with the successful contractor. The key dates are listed below:
 - a. Work on each project shall start the week of June 9, 2014
 - b. Work on each project shall be complete the week of August 4, 2014..

END OF SCOPE OF WORK

QUOTES DUE NOT LATER THAN 3:00 PM ON APRIL 24, 2014

PROPOSAL FOR: QUOTE Q6941
River Woods New Security Vestibule
And
Garton New Security Vestibule

TO: Des Moines Independent Community School District
1917 Dean Avenue
Des Moines, IA 50316
EMAIL: douglas.ohde@dmschools.org (Emailed quotes permissible)
FAX: 515-265-8702 (Faxed quotes permissible)

SUBMITTED BY: _____
Name of Bidder

Des Moines Independent Community School District:

The undersigned has examined the quote documents and hereby proposes and agrees to furnish and provide all products, materials, transportation, and services as required for the expeditious completion of the Work required in conformity with this quote request.

The undersigned agrees that the quote, if accepted by the Owner, will be the basis for a purchase order with the Owner.

The quote includes the required bonds and insurance coverage. The Contactor will provide the executed Acknowledgement and Certification form at the time the purchase order is completed.

The undersigned further acknowledges the following Addenda:

NO. _____ DATE _____

NO. _____ DATE _____

NO. _____ DATE _____

COMBINED TOTAL QUOTE FOR Q6941

The undersigned proposes to provide the scope of work as specified for the lump sum price of:

_____ D
ollars

(\$ _____) **F.O.B. DESTINATION EXCLUDING ALL TAXES.** (Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words shall govern).

**DES MOINES INDEPENDENT
COMMUNITY SCHOOL DISTRICT**

QUOTE FORM

For accounting purposes only the above number is split between the two projects as follows:

River Woods \$ _____

Garton \$ _____

SCHEDULE – In compliance with the scope of work.

The bidder is () or is not () an Iowa resident bidder as defined in Section 73A.21 of the Iowa code. If not a resident bidder, the bidder states that it is a non-resident bidder from the state of _____. This state does () or does not () provide for a bidder preference for resident bidders. This state does () or does not () provide a labor preference for resident labor. If the state in which your company is a resident allows for either a bidder preference or a labor preference, please provide the citation to the code section, and the details of each preference allowed in your resident state.

SUBMITTED BY: _____
Name of Bidder

Address: _____

Phone # _____ Fax # _____

Email address _____

(Authorized Signature)

Contractor's License Number _____

Date of Expiration: _____

**DES MOINES INDEPENDENT
COMMUNITY SCHOOL DISTRICT
TSB FORM
NEW SECURITY VESTIBULE**

If bidder is awarded the contract for this project, the bidder proposes for owner approval the award of a subcontract to the following certified Iowa TSB's:

(if more room is needed, supply same information on second sheet and attach to this form)

1. _____
TSB Company Name Address

_____ \$ _____

Description of Work Dollar Amount

2. _____
TSB Company Name Address

_____ \$ _____
Description of Work Dollar Amount

3. _____
TSB Company Name Address

_____ \$ _____
Description of Work Dollar Amount

Bidder's Company Name Telephone No.

_____ **Address** _____ **City** _____ **State** _____ **Zip**

_____ **Signature (Same person who signs proposal)** _____ **Title**

_____ **Type/Print Name** _____ **Date**

THIS STATEMENT MUST BE NOTARIZED.

STATE OF _____, _____ COUNTY, ss:

Subscribed and sworn to before me by the said _____ on this day of _____, 201_.

Notary Public in and for the State of _____

**DES MOINES INDEPENDENT
COMMUNITY SCHOOL DISTRICT
TSB FORM
NEW SECURITY VESTIBULE**

Bidders to supply all the following information

Bidder is _____ / is not _____ a certified Iowa Targeted Small Business, (TSB).

If bidder **did not** contact any certified Targeted Small Businesses, then state why:

The following TSB's were contacted and declined to participate:

(If more room is needed, supply same information on second sheet and attach to this form)

1. _____
TSB Company Name

Contact Name
_____ Date Contacted Telephone No.

Reason given for declining participation

2. _____
TSB Company Name

Contact Name
_____ Date Contacted Telephone No.

Reason given for declining participation

3. _____
TSB Company Name

Contact Name
_____ Date Contacted Telephone No.

Reason given for declining participation

4. _____
TSB Company Name

Contact Name
_____ Date Contacted Telephone No.

Reason given for declining participation

**DES MOINES INDEPENDENT
COMMUNITY SCHOOL DISTRICT
NON-COLLUSION AFFIDAVIT**

The Contractor and/or the sub-contractors, as applicable, shall provide this affidavit:

NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH QUOTE.

State of Iowa)
) ss.
County of Polk)

_____ being first duly sworn, deposes and says that he or she
(Name)
is _____ of _____,
(Title) (Contractor)

the party making the foregoing bid that the bid is not made in the interest of, or on the behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereto to effectuate a collusive or sham bid."

The undersigned certifies under penalty of perjury that the foregoing is true and correct;

THIS STATEMENT MUST BE NOTARIZED.

NAME OF CONTRACTOR: _____

BY: _____
Signature Title

Type/Print Name Date

STATE OF _____, _____ COUNTY, ss:

Subscribed and sworn to before me by the said _____ on this
day of _____, 201_.

Notary Public in and for the State of _____

DMPS INSURANCE REQUIREMENTS

Insurance by Contractor

The Contractor shall purchase and maintain such insurance as will protect it from claims set forth below which may arise out of or result from the Contractor's operations under the Contract, whether such operations be by himself or by any subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable. All such insurance shall be subject to the approval of the District for adequacy of protection, and shall include a provision preventing cancellation without thirty (30) days' prior notice to the District in writing.

Commercial General Liability Insurance

Each Occurrence	\$ 1,000,000
Damages to rented premises (each occurrence)	\$ 200,000
Medical Expenses (any one person)	\$ 10,000
Personal Injury	\$ 1,000,000
General aggregate	\$ 1,000,000
Products Complete Aggregate	\$ 1,000,000

Automobile Insurance

Combined single limit	\$ 1,000,000
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Worker's Compensation Insurance

In accordance with the laws of the State of Iowa covering all employees who perform any obligations assumed under the contract.

Each accident – minimum	\$ 500,000
Disease – minimum each employee	\$ 500,000

Upon selection, contractor will present certificates of insurance to the Des Moines Independent Community School District showing compliance with the forgoing requirements.

LABOR AND MATERIAL PAYMENT BOND

Bond No. _____

(This Bond is issued simultaneously with a Performance Bond in favor of the Owner conditioned on the full and timely performance of the Contract.)

KNOW ALL MEN BY THESE PRESENTS that _____
_____ as Principal (the "Principal"), and
_____, a corporation
organized and existing under the laws of the State of _____, and authorized to transact business
in the State of Iowa, as Surety (the "Surety"), jointly and severally bind themselves, their heirs, personal
representatives, successors, and assigns, to the DES MOINES INDEPENDENT COMMUNITY SCHOOL
DISTRICT, 901 Walnut Street, Des Moines, Iowa 50309, as Oblige (the "Owner"), for the use and benefit of
it and the claimants as defined below, in the principal amount of
_____ (\$ _____) as
adjusted by approved change orders (not to exceed 10 percent of the principal amount of this Bond unless
expressly approved by the Surety, which approval shall not be unreasonably withheld) and interest as provided
by law, for the payment of all amounts which become due under the Contract described below.

The Principal and the Owner have entered into a written Construction Agreement dated
_____, 201_, together with related "Contract Documents" as defined therein
(all of which are collectively referred to as the "Contract" and incorporated herein by this reference), for the
following Project:

The condition of this obligation is such that, if the Principal shall at all times promptly make payment
of all amounts, claims, or demands lawfully due to all persons, firms, associations, or corporations supplying
or furnishing to the Principal or its subcontractors labor or materials, supplies, or equipment which are used,
provided, or performed in the prosecution of the work provided for in the Contract and any and all duly
authorized modifications of the Contract that may hereafter be made, then this obligation shall be null and
void; otherwise, the Surety shall pay the full value of all such claims or demands and shall indemnify and hold
the Owner harmless from all payments which the Owner may be required to make under the Contract or
applicable law in excess of the Contract price not exceeding the amount of this obligation, together with
interest as provided by law, as well as attorneys' fees and costs incurred by the Owner in the resolution of any
claim. All such subcontractors, laborers, and materialmen shall have rights under the within Bond as are set
forth in the statutes and laws of the State of Iowa.

Further, each and every claimant, who institutes a lawsuit for compensation or payment under the
terms payment under the terms hereof, as part of any court award, shall be entitled to reasonable attorneys'
fees and costs.

The undersigned Surety for value received hereby agrees that no extension of time, change in, addition
to, or other modification of the terms of the Contract or work to be performed thereunder, or of the

**DES MOINES INDEPENDENT
COMMUNITY SCHOOL DISTRICT
NEW SECURITY VESTIBULE**

**PAYMENT BOND
Document 00610 – Page 2**

specifications, or of the Contract Documents, shall in any way affect its obligation on this Bond and the Surety hereby waives notice of any such extension of time, change, addition, or modification.

Any notice which any party desires or is required to provide another shall be in writing and shall be effective upon receipt when delivered or transmitted by personal delivery, certified (return receipt) mail, or express mail service to the addresses set forth herein.

IN WITNESS WHEREOF, said Principal and Surety have executed this Bond, this _____ day of _____, 20____.

ATTEST:

Principal

By: _____

Address: _____

(SEAL)

ATTEST:

(Surety)

By: _____

Address: _____

(SEAL)

Claims Telephone Number: _____

Claims Fax Number: _____

The fully executed Bond form must be accompanied by a current Power of Attorney.

END OF DOCUMENT

PERFORMANCE BOND

Bond No. _____

KNOW ALL MEN BY THESE PRESENTS

That _____, as Principal (the "Principal"), and _____, a corporation organized and existing under the laws of the State of _____, and authorized to transact business in the State of Iowa, as Surety (the "Surety"), jointly and severally, bind themselves, their heirs, personal representatives, successors, and assigns to the DES MOINES INDEPENDENT COMMUNITY SCHOOL DISTRICT, 901 Walnut Street, Des Moines, Iowa 50309, as Obligee (the "Owner"), in the principal amount of

_____ (\$ _____) as adjusted by approved change orders (not to exceed 10 percent of the principal amount of this Bond unless expressly approved by the Surety, which approval shall not be unreasonably withheld) and interest as provided by law (collectively referred to herein as the "Penal Sum"), for the performance of the Construction Agreement between the Principal and the Owner, dated _____, 201__, for the following (Project):

together with the obligations of the Contract Documents, as defined in the Construction Agreement, all of which documents are collectively referred to herein as the "Contract" and are incorporated by this reference.

The condition of this obligation is such that, if the Principal shall at all times duly, promptly, and properly perform all the terms and conditions of the Contract and any authorized modifications thereof during the original term of the Contract, any extensions thereof that may be granted by the Owner, and during the term of any guarantee or warranty required under the Contract, the Principal and Surety shall have no obligation under this Bond, otherwise it shall remain in full force and effect.

The Surety for value received agrees that no extension of time, change in, addition to, or other alteration or modification of the terms of the Contract or work to be performed thereunder, or any other forbearance on the part of either the Owner or the Principal to the other shall in any way release or affect the Surety's liability or obligation on this Bond, and the Surety hereby waives notice of any such extension of time, change, addition, modification, alteration, or forbearance.

Whenever the Owner terminates the Contract in accordance with the terms thereof, the Surety shall, within fifteen (15) calendar days after written notice of such termination, notify the Owner in writing of its election to complete the Contract in accordance with its terms, or notify the Owner that the Surety elects not to complete the Contract. If the Surety fails to give the written notice so required within such fifteen (15) calendar day period, then it will be deemed to have elected not to complete the Contract. Should the Surety elect to complete the Contract, then it shall, within fifteen (15) additional calendar days following written notice of such election, obtain a contractor, subject to approval by the Owner in writing, to complete the original Contract in accordance with its terms and conditions and thereafter proceed with the work with due diligence and make

available as the work progresses sufficient funds to pay the cost of completion less the balance of the Contract price. The Surety may not engage the Principal to complete the Contract, without the prior written consent of the Owner, which consent may be withheld in the Owner's sole discretion. If the Surety elects to complete the Contract, then it shall be entitled to receive the balance of the Contract price, less (i) any amounts paid by the Owner to the Principal; (ii) costs incurred by the Owner in correcting any defective work; (iii) any additional legal, design professional, and other costs incurred by the Owner resulting from the Principal's default; and (iv) liquidated damages caused by delayed performance or nonperformance of the Principal. Any progress payments, less retainage, due but not paid at the date of termination shall be paid to the Surety so long as the Surety has agreed to indemnify the Owner for the amount thereof and no other claims have been made to such funds by subcontractors or suppliers in accordance with the Contract or applicable law.

In the event the Surety elects not to complete the Contract, the Owner may then have the work completed by such means and in such manner, by contract with or without public bidding, or otherwise, as it may deem advisable. The Surety in such event shall at all times make available, as work progresses under the Contract between the Owner and its new contractor, sufficient funds, not to exceed the Penal Sum, to pay the cost of the completion of the Contract pursuant to its terms, together with the other amounts set forth in (i) through (iv) above, but in no event shall the Surety be responsible for the payment of any sums to the Owner until the Owner has paid in full its total obligation under the terms of the original Contract, plus change orders, less deductions and claims chargeable by law or by the Contract, if any, and less the retainage which will be disbursed as provided by the Contract Documents and applicable law.

The procedures set forth herein shall apply should there be a default and termination or a succession of defaults and terminations in fulfilling the terms and conditions of the work under the original Contract.

In the event there are negotiations between the Principal and/or the Surety and the Owner subsequent to the date of termination, each party shall appoint an authorized representative with authority to represent it during the negotiations. All written communications and official discussions between the parties shall be conducted by these authorized representatives. Any notice which any party desires or is required to provide another shall be in writing and shall be effective upon receipt when delivered or transmitted by personal delivery, certified (return receipt) mail, or express mail service to the addresses set forth herein.

Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work is located and shall be instituted before the expiration of three (3) years from the date on which final payment under the contract is made; provided, however, that this period may be extended by one (1) additional year by the Owner's giving written notice to the Surety within the three (3) year period of a potential claim. Any judgment recovered hereunder by the Owner shall include interest at the legal rate, together with reasonable attorneys' fees and costs.

No right action shall accrue under this Bond to or for the use of any person or entity other than the Owner or its successors and assigns.

IN WITNESS WHEREOF, the Principal and Surety have signed this Performance Bond as of the _____ day of _____, 201__.

ATTEST:

Principal

By: _____

Address: _____

(SEAL)

ATTEST:

(Surety)

By: _____

Address _____

(SEAL)

Claims Telephone Number: _____

Claims Fax Number: _____

The fully executed bond form must be accompanied by a current Power of Attorney.

END OF DOCUMENT

ACKNOWLEDGMENT AND CERTIFICATION

_____ (“Company”) is providing services to
[name of vendor/supplier/contractor/sub-contractor]
the Des Moines Public School District (“District”) as a vendor, supplier, contractor or subcontractor and/or is operating or managing the operations of a vendor, supplier or contractor. The services provided by the Company may involve the presence of the Company’s employees upon the real property of the schools of the District.

The Company acknowledges that Iowa law prohibits a sex offender who has been convicted of a sex offense against a minor from being present upon the real property of the schools of the District. The Company further acknowledges that, pursuant to law, a sex offender who has been convicted of a sex offense against a minor may not operate, manage, be employed by, or act as a contractor, vendor or supplier of services or volunteer at the schools of the District.

The Company hereby certifies that no one who is an owner, operator or manager of the Company has been convicted of a sex offense against a minor. The Company further agrees that it shall not permit any person who is a sex offender convicted of a sex offense against a minor to provide any services to the District in accordance with the prohibitions set forth above.

This Acknowledgment and Certification is to be construed under the laws of the State of Iowa. If any portion hereof is held invalid, the balance of the document shall, notwithstanding, continue in full legal force and effect.

In signing this Acknowledgment and Certification, the person signing on behalf of the Company hereby acknowledges that he/she has read this entire document, that he/she understands its terms, and that he/she not only has the authority to sign the document on behalf of the Company, but has signed it knowingly and voluntarily.

Dated: _____
[name of vendor/supplier/contractor/sub-contractor]

By: _____

Printed Name: _____

Title: _____

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Title Page

DIVISION 0 - BIDDING AND CONTRACT REQUIREMENTS – Not Used

DIVISION 1 - GENERAL REQUIREMENTS – Not Used

DIVISION 2 - SITE WORK – Not Used

DIVISION 3 – CONCRETE – Not Used

DIVISION 4 – MASONRY – Not Used

DIVISION 5 – METALS – Not Used

DIVISION 6 - WOOD AND PLASTIC

Section 06100 Carpentry

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

Section 07900 Sealants

DIVISION 8 - DOORS AND WINDOWS

Section 08111 Standard Steel Doors & Frames

Section 08210 Wood Doors

Section 08410 Aluminum Storefront (River Woods Project Only)

Section 08800 Glass & Glazing

DIVISION 9 – FINISHES

Section 09900 Painting

DIVISION 10 – SPECIALTIES – Not Used

DIVISION 11 – EQUIPMENT – Not Used

DIVISION 12 – FURNISHINGS – Not Used

DIVISION 13 - SPECIAL CONSTRUCTION – Not Used

DIVISION 14 - CONVEYING SYSTEM – Not Used

DIVISION 15 – MECHANICAL – Not Used

DIVISION 16 – ELECTRICAL – Not Used

END OF DOCUMENT

RIVER WOODS ELEMENTARY SCHOOL - LIST OF DRAWINGS

Drawing Number	Drawing Title	Date
G-1	Cover Sheet	April 4, 2014
A-1	Demolition Plan	April 4, 2014
A-2	Floor Plan	April 4, 2014
A-3	Reflected Ceiling Plan	April 4, 2014
A-4	Door Schedule & Door Details	April 4, 2014
A-5	Door & Frame Types	April 4, 2014

GARTON ELEMENTARY SCHOOL - LIST OF DRAWINGS

Drawing Number	Drawing Title	Date
G-1	Cover Sheet	April 4, 2014
A-1	Demolition Plan	April 4, 2014
A-2	Floor Plan	April 4, 2014
A-3	Door Schedule, Door & Frame Types	April 4, 2014

END OF DOCUMENT

SECTION 06100
CARPENTRY

PART 1 GENERAL

- 1.1 WORK INCLUDES
 - A. Wood door installation...
- 1.2 RELATED WORK
 - A. Section 08111 - Standard Steel Doors and Frames.
 - B. Section 08210 - Wood Doors.
 - C. Section 09900 - Painting.

PART 2 PRODUCTS

- 2.1 ROUGH LUMBER MATERIALS
 - A. Blocking: Hem-fir no. 2 or better with grading in accordance with PS-20-American Softwood Standard and with allowable stresses as listed in the January, 1986, National Forest Products Specification. Pressure weather treated at all exterior locations under parapet, roofing and similar locations.
- 2.2 ACCESSORIES
 - A. Anchors: As called for on the drawings or as required by the particular application encountered.

PART 3 EXECUTION

- 3.1 INSTALLATION
 - A. Work under this section shall be performed in accordance with best standards of practice relating to the trade.
- 3.2 FINISH WORK
 - A. General
 - 1. Items installed but not supplied under this Section - Install in accordance with requirements specified in Section supplying item.
- 3.3 FINISHES
 - A. Stain and varnish all exposed surfaces, see Section 09900. Match stain and finish of existing doors.

END OF SECTION

SECTION 07900
SEALANTS

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Clean and prepare joint surfaces.
- B. Sealant and backing materials.

1.2 RELATED WORK

- A. Sealants called out in other sections specific for work in that section.

1.3 SUBMITTALS

- A. Submit product data and samples in accordance with Section 01300.
- B. Submit manufacturer's surface preparation and installation instructions.
- C. Submit samples of sealant colors for each product.

1.4 GUARANTEE

- A. Contractor shall furnish written guarantee (2 copies) guaranteeing sealing systems to remain in serviceable and watertight condition for a period of two years from the date of Substantial Completion of the project.
- B. Duplicate copies of the guarantee form including the brand names and types of sealants used on this project, shall be submitted with or prior to application for final payment.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Typical exterior joints and interior non-traffic bearing joints (vertical, horizontal and overhead) shall be sealed using one of the following approved sealants, Sonneborn NP-1, Tremco Dymonic FC or Vulkem 116. Color as selected by Architect.
- B. Primers shall be colorless made by manufacturer of sealant and shall be specifically designed as prime coating for sealant being applied and surface being primed.
- C. Subsealant joint filler shall be premolded or preformed resilient non-absorbent closed cell polyethylene foam compatible with sealants and shall be round in cross section with minimum diameter of 25% greater than joint width. Subsealant for traffic bearing sealant shall be neoprene or butyl with a Shore A hardness of 50-60.
- D. Joint Cleaner: Non-corrosive and non-staining type, recommended by sealant manufacturer; compatible with joint forming materials.
- E. Bond Breaker: Pressure sensitive tape recommended by sealant manufacturer to suit application.

PART 3 EXECUTION

3.1 INSPECTION

- A. Verify joint dimensions, physical, and environmental conditions are acceptable to receive work of this Section.
- B. Beginning of installation means installer accepts existing surfaces.

3.2 PREPARATION

- A. Clean, prepare, and size joints in accordance with manufacturer's instructions. Joints and surfaces to receive sealants shall be clean, free from loose material or other foreign matter which might impair adhesion of sealant, free of efflorescence and dry.
- B. Prime joints in conformance with sealant and primer manufacturer's instructions.
- C. Examine joint dimensions and size materials to achieve required width/depth ratios.
- D. Verify that joint filler materials and release tapes are compatible with sealant.
- E. Use joint filler to achieve required joint depths, to allow sealants to perform properly.
 - 1. Install joint filler to provide an installed sealant depth equal to 1/ 2 of the width of the joint. Caulk joint width shall not be less than 1/ 4" nor more than 1/ 2" unless otherwise recommended by the sealant manufacturer.
- F. Use bond breaker where required.

3.3 INSTALLATION

- A. Perform work in accordance with ASTM C804 for solvent release and C790 for latex base sealants.
- B. Install sealant strictly in accordance with manufacturer's instructions.
- C. Apply sealant within recommended application temperature ranges. Sealants shall not be installed when temperature is below manufacturer's recommendations.
- D. Neatly tool joints concave and remove excess sealant, droppings and taping.
- E. Joints: Free of air pockets, foreign embedded matter, ridges, and sags.
- F. Install sealants where shown on the Drawings noted in the specification and any exterior joints not otherwise noted for complete weather protection.

END OF SECTION

SECTION 08111
STANDARD STEEL DOORS AND FRAMES

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Hollow metal door frames.

1.2 RELATED WORK

- A. Section 08210 – Wood Doors
- B. Section 08800 - Glass and Glazing
- C. Section 09900 - Painting: Field painting of doors and frames.

1.3 REFERENCES

- A. ASTM E152 - Methods of Fire Tests of Door Assemblies.
- B. ASTM A525 - Steel Sheet, Zinc-coated (galvanized) by the Hot-Dip Process.
- C. DHI - Door Hardware Institute: The Installation of Commercial Steel Doors and Steel Frames, Insulated Steel Doors in Wood Frames and Builder's Hardware.
- D. ANSI/SDI-100-1985 - Standard Steel Doors and Frames.
- E. ANSI A117.1 - Specifications for Making Buildings and Facilities Accessible to and Usable by Physical Handicapped People.

1.4 QUALITY ASSURANCE

- A. Conform to requirements of ANSI/SDI-100-1985 and ANSI A117.1.
- B. Where fire-rated door assemblies are indicated or required, provide fire-rated door and frame assemblies that comply with NFPA 80 "Standard for Fire Doors and Windows", and have been tested, listed, and labeled in accordance with ASTM E 152 "Standard Methods of Fire Tests of Door Assemblies" by a nationally recognized independent testing and inspection agency acceptable to authorities having jurisdiction.

1.5 SUBMITTALS

- A. Submit shop drawings and product data under provisions of Section 01300.
- B. Indicate frame configuration, anchor types and spacings, location of cutouts for hardware, reinforcement, and finish.

1.6 DELIVERY, STORAGE AND PROTECTION

- A. Protect products under provisions of Section 01600.
- B. Protect frames from damage.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Curries
- B. Steelcraft
- C. Republic
- D. West Central Manufacturing

2.2 DOOR FRAMES

- A. Curries welded masonry frames or equal by specified Acceptable Manufacturer.
- B. Reinforcing, Minimum 10 gauge steel or equivalent thread depth for hinges, minimum 12 gauge for lock front and closers and minimum 14 gauge for other hardware.
- C. Fire rated where scheduled.

2.3 ACCESSORIES

- A. Glazing stops: Rolled steel channel shape, mitered corners; prepared for countersink style screws.

2.4 GLASS

- A. Provide laminated safety glass in locations indicated no substitutions.
- B. Provide wire glass to match existing wire glass pattern in locations indicated.
- D. P.P.G. INDUSTRIES, INC., VIRACON, INC or approved equal, see Spec 08800.

2.5 PROTECTIVE COATINGS

- A. Primer: Zinc chromate type.

2.6 FABRICATION

- A. Fabricate frames as welded unit.
- B. Fabricate frames with hardware reinforcement plates welded in place.
- C. Reinforce frames wider than 48 inches with roll formed steel channels fitted tightly into frame head, flush with top.

2.7 FINISH

- A. Rust inhibiting factory applied primer. Primer shall be air dried.

2.8 HARDWARE

- A. Provide all reinforcement necessary for hardware.
- B. Schedule and Products:
 - 1. Hardware
 - a. Butt hinges, guaranteed for life of building as manufactured by Stanley, McKinney or Hager at all new Hollow Metal door frames.
 - b. Panic Hardware: Rim Exit Devices; **River Woods**: Von Duprin 99 Series with key cylinder dogging feature. Model #: CD99-NL 990NL-R/V 3' US 26D. Finish: US 26D. **Garton**: Precision Hardware, Inc. Apex 2000 Series to match existing panics, verify. Match existing panics finish.
 - c. Classroom Security Lockset: Schlage Cylindrical: "C" Keyway. Keyed by Owner. Model #ND75PD RHO **River Woods Finish**: 626. **Garton**: match existing finish.
 - d. Electric Strike: HES 8000C for Cylindrical Lockset, include faceplates. Finish: 630.
 - e. Locks: Medeco, Series 31, six level system security locks with removable cores,
 - f. Cylinder Dogging Kit (For modification of existing **River Woods** Von Duprin Rim Exit Devices) Von Duprin Catalog # 99CDK **River Woods Finish**: US 26D
 - g. Mortise Cylinder for Cylinder Dogging Kit: Schlage "C" Keyway. Keyed by Owner. Schlage Catalog # 20-001 XQ11-949 **River Woods Finish**: 626
 - h. Closer: LCN #4041-3077CNS with Cush-N-Stop, no substitutions.
 - i. Smoke seal: Head and Jambs.
 - j. Wall Stop.
 - k. Floor Stop.
- C. Keying by Owner.
- D. All closers shall be parallel mounted with thru bolts. Closers shall be mounted on the door (not the frame) with bolts that carry thru the door. Closer arms shall be mounted on the door frame with thru bolts if possible; contractor must insure the warranty on the frame will not be voided by the penetration.
- E. All Hardware shall meet ADA standards.
- F. Hardware finish: US 26D except as otherwise noted.
- G. Panic devices shall be set up with night latch function trim and have a key cylinder dog down feature.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify substrate conditions.
- B. Verify that opening sizes and tolerances of these specifications will be met by installation.
- C. Beginning of work means acceptance of conditions and openings.

3.2 INSTALLATION

- A. Install doors & frames in accordance with ANSI/SDI 100 and DHI.
- B. Coordinate installation for anchor placement.
- C. Set doors plumb, level and true to line, without warp or rack of doors or frames. Anchor securely in place.
- E. Ensure doors and frames shall be without damage or deterioration at time of acceptance.

3.3 TOLERANCES

- A. Maximum Diagonal Distortion: 1/16 inch measured with straight edge, corner to corner.
- B. Head and Jambs: 3/32" preferred, 1/8" maximum; Meeting Stile: 1/8" maximum; Bottom at threshold: 1/8" preferred, 1/4" maximum.
- C. Doors not installed per spec, within tolerances, out of plumb, level and in plane shall be removed from the site and replaced without charge to Owner.

3.4 ADJUSTING AND CLEANING

- A. Adjust doors for smooth and balanced door movement.

END OF SECTION

SECTION 08210
WOOD DOORS

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Site Finished Wood Doors.

1.2 RELATED WORK

- A. Section 06100 - Carpentry.
- B. Section 08111 - Standard Steel Door Frames.
- C. Section 08800 – Glass and Glazing.

1.3 REFERENCES

- A. ANSI/NWMA I.S.I. - Industry Standard for Wood Flush Doors (Includes Standards I.S.1.1 through I.I.S.1.7).
- B. ANSI A135.4 - Basic Hardboard.
- C. AWI - Quality Standards of Architectural Woodwork Institute.
- D. UL 10B - Fire Tests of Door Assemblies.

1.4 QUALITY ASSURANCE

- A. Conform to requirements of AWI Quality Standard Section 1300 and 1400 custom Grade.
- B. Fire Door Construction: Conform to UL 10B.

1.5 REGULATORY REQUIREMENTS

- A. Conform to applicable code for fire rated doors.

1.6 SUBMITTALS

- A. Submit shop drawings.
- B. Indicate door elevations, stile and rail reinforcement, internal blocking for hardware attachment, and cutouts for glazing.

1.7 DELIVER, STORAGE, AND PROTECTION

- A. Package, deliver, and store doors in accordance with AWI, ANSI/ AWMA requirements.

PART 2 PRODUCTS

2.1 DOOR TYPES

- A. Site Finished Flush Interior Doors: 1-3/4 inches thick; solid core construction; wood veneer faces, fire rated as indicated on the drawings.

2.2 MANUFACTURER

- A. Algoma Hardwoods, Inc.
- B. Eggers Industries.
- C. Graham Architectural Wood Doors.
- D. V. T. Industries, Inc.

2.3 DOOR CONSTRUCTION (AWI QUALITY STANDARD)

- A. Solid, Fire rated core: AWI Section 1300, Type FD 1-1/2.

2.4 DOOR FACING

- A. Oak veneer meeting requirements of ANSI/HPMA HP 1983 "A" Face or AWI Grade 1, 1/50 inch thick minimum.
- B. Oak species and veneer grain pattern to match existing doors, Contractor verify.

2.5 ADHESIVES

- A. Interior Doors: AWI, Type II

2.6 ACCESSORIES

- A. Glass Stops: Steel type designed to conform to UL requirements.

2.7 FABRICATION

- A. Fabricate fire rated doors in accordance with AWI Quality Standards and to UL requirements. 5 ply solid core (FPC 5). Attach fire rating label to door edge.
- B. Provide flush doors with 3/4 inch thick edge strips of wood species to match face veneer.
- C. Pre-machine doors for finish hardware.
- D. Doors to be field finished to match existing.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install doors and frames in accordance with door and hardware manufacturer's instructions.
- B. Machine cut relief for hinges and closers and coring for hand-sets and cylinders.
- C. Trim door width by cutting equally on both jamb edges. Trim fire door width from lock edge only, to a maximum of 3/16 inch.
- D. Trim door height by cutting equally on top and bottom edges to a maximum of 3/4 inch. Trim fire door height at bottom edge only, to a maximum of one inch. Coordinate with door bottom hardware.
- E. Pilot drill screw and bolt holes.
- F. Prepare doors and doors to receive finish hardware in accordance with AWI requirements.
- G. Conform to AWI requirements for fit tolerances.
- H. Coordinate installation of glass and glazing.

3.2 INSTALLATION TOLERANCES

- A. Maximum Diagonal Distortion: 1/16 inch measured with straight edge, corner to corner.

3.3 ADJUSTING AND CLEANING

- A. Adjust for smooth and balanced door movement.

END OF SECTION

SECTION 08410
ALUMINUM STOREFRONT
(River Woods Project Only)

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Aluminum tube frame system.
- B. Anchors, brackets, and attachments.
- C. Perimeter sealant.

1.2 RELATED WORK

- A. Section 08800 - Glazing.

1.3 REFERENCES

- A. ANSI/ASTM B221 - Aluminum-Alloy Extruded Bar, Rod, Wire, Shape and Tube.
- B. ANSI/ASTM E283 - Rate of Air Leakage, Curtain Walls and Doors.
- C. ANSI/ASTM E330 - Structural Performance of Curtain Walls and Doors.
- D. ASTM B209 - Aluminum and Aluminum-Alloy Sheet and Plate.
- E. ANSI/AAMA 101.88 - Window units exceeding 650 performance class.

1.4 PERFORMANCE

- A. Design and size members to withstand dead loads and live loads as measured in accordance with ANSI/ASTM E330.

1.5 QUALITY ASSURANCE

- A. System Manufacturer and Installer: Company specializing in aluminum entrance systems with ten years experience.

1.6 SUBMITTALS

- A. Submit shop drawings, color chart and product data.
- B. Submit two samples of frame finishes on material to be used with manufacturer's product information.

1.7 WARRANTY

- A. Provide five year total system warranty on all work.
- B. Warranty: Cover complete system for failure to meet specified and referenced requirements and standards.
- C. Furnish separate written ten (10) year warranty on paint finish.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. KAWNEER
- B. Equal approved product by EFCO or TUBELITE.

2.2 ENTRANCES

- A. Framing:
 - 1. Interior Exposure: KAWNEER 451.
 - 2. Frame: 2" X 4-1/2" profile; matching stops and pressure plate of sufficient size and strength to provide bite on glass and infill panels.

2.3 MATERIALS

- A. Extruded Aluminum: ANSI/ASTM B221; alloy temper.
- B. Fasteners: Stainless or galvanized steel.

2.4 FINISH

- A. Dark Bronze anodized finish, color to match existing aluminum storefront, contractor verify.

2.5 FABRICATION

- A. Fabricate frame components allowing minimum clearances and shim spacing around perimeter of assembly, yet enabling installation.
- B. Rigidly fit and secure joints and corners with screw and spline, internal reinforcement. Make joints and connections flush, hairline and weatherproof.
- C. Prepare components to receive anchor devices. Fabricate anchorage items. Arrange fasteners, attachments, and jointing to ensure concealment from view.
- E. Fabricate all components light tight. No joints shall allow light or air through.

PART 3 EXECUTION

3.1 INSPECTION & PREPARATION

- A. Verify wall openings are ready to receive work of this Section. Coordinate dimensions, tolerances, and method of attachment with other work. Beginning of installation means acceptance of existing conditions.

3.2 PREPARATION

- A. Opening shall be properly prepared. Remove existing door as required for new work. Existing door to be reused shall fit in new aluminum frame, verify and coordinate size and hardware requirements. Prepare or rework existing aluminum frame construction to remain for new frame.

3.3 INSTALLATION

- A. Install frame system in accordance with manufacturer's instructions.
- B. Use method of attachment to structure permitting sufficient adjustment to accommodate construction tolerances and irregularities.
- C. Provide alignment attachments and shims required to permanently fasten system to building structure.
- D. Align assembly plum and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.
- E. Caulk with approved sealants for a complete airtight installation inside and out.

3.4 CLEANING

- A. Remove protective material from prefinished aluminum surfaces.
- B. Wash down exposed surfaces using solution of mild detergent in warm water, applied with soft, clean wiping cloths. Take care to remove dirt from corners. Wipe surfaces clean.
- C. Remove excess sealant by moderate use of mineral spirits or other solvent acceptable to sealant manufacturer.

END OF SECTION

SECTION 08800
GLASS & GLAZING

PART 1 GENERAL

- 1.1 WORK INCLUDED
 - A. Glass and glazing for doors, sidelites and aluminum storefront.
- 1.2 QUALITY ASSURANCE
 - A. Conform to Flat Glass Marketing Association (FGMA) Glazing Manual for glazing installation methods.
 - B. Regulatory Requirements -
 - 1. Glazing shall meet applicable requirements of Federal Consumer Product Safety Standard 16CFR1201.
 - C. Manufacturer's Labels
 - 1. Labels showing strength, grade, thickness, type, and quality are required on each piece of glass.
- 1.3 WARRANTY
 - A. Provide ten year manufacturer's warranty under general provisions.

PART 2 PRODUCTS

- 2.1 ACCEPTABLE GLASS MANUFACTURERS
 - A. P.P.G. INDUSTRIES, INC.
 - B. VIRACON, INC.
 - C. Equal approved by Architect 7 days prior to bidding only.
- 2.2 GLASS MATERIALS
 - A. Provide 1/ 4" laminated safety glass with .030 clear pvb interlayer and 1/8" layers of clear glass on each face at all locations where indicated on the drawings whether safety glass is required by code or not.
 - B. Provide 1/ 4" wired glass at locations indicated or where required by code. Match wire glass pattern of existing adjacent wire glass, contractor verify.

PART 3 EXECUTION

- 3.1 INSPECTION
 - A. Verify surfaces of glazing channels or recesses are clean, free of obstructions, and ready for work of this Section.
 - B. Beginning of installation means acceptance of substrate.
- 3.2 PREPARATION
 - A. Clean contact surfaces with solvent and wipe dry.
 - B. Seal porous glazing channels or recesses.
 - C. Prime surfaces scheduled to receive sealant.
- 3.3 GLAZING
 - A. All glazing shall be preformed using approved glazing methods.
 - B. Glass shall be embedded in glazing compound and stops applied as required. Maintain proper edge clearances as required for glass product.
 - C. Replace all glass broken or damaged during construction.

3.4 CLEANING

- A. Remove glazing materials from finish surfaces.
- B. At the completion of work, clean all glass, remove tags, tape, labels, etc.

END OF SECTION

SECTION 09900
PAINTING

PART 1 GENERAL

- 1.1 WORK INCLUDED
- A. Surface preparation and paint.
- 1.2 RELATED SECTIONS
- A. Section 08111 - Standard Steel Doors & Frames.
 - B. Section 08210 - Wood Doors.
- 1.3 REFERENCES
- A. ANSI/ASTM D16 - Definitions of Terms Relating to Paint, Varnish, Lacquer, and Related Products.
- 1.4 SUBMITTALS
- A. Provide product data on all finishing and refinishing products.
 - B. Submit samples (3 sets) illustrating range of colors available for each surface finishing product scheduled.
- 1.5 CLOSEOUT SUBMITTALS
- A. Operation and Maintenance Data: Submit data on cleaning, touch-up, and repair of painted and coated surfaces.
- 1.6 QUALITY ASSURANCE
- A. Product Manufacturer: Company specializing in manufacturing quality paints and finish products with ten years experience.
 - B. Applicator: Company specializing in commercial painting and finishing approved by product manufacturer.
- 1.7 REGULATORY REQUIREMENTS
- A. Conform to applicable code for flame/fuel/smoke rating requirements for finishes.
 - B. See Document 00220 - Investigation Reports, regarding existing lead-based paints.
- 1.8 DELIVERY, STORAGE, AND HANDLING
- A. Deliver products to site in sealed and labeled containers; inspect to verify acceptance.
 - B. Container labeling to including manufacturer's name, type of paint, brand name, brand code, coverage, surface preparation, drying time, cleanup, color designation, and instructions for mixing and reducing.
 - C. Store paint materials at minimum ambient temperature of 45° F (7° C) and a maximum of 90° F (32° C), in well ventilated area, unless required otherwise by manufacturer's instructions.
 - D. Take precautionary measures to prevent fire hazards and spontaneous combustion.

1.9 ENVIRONMENTAL REQUIREMENTS

- A. Provide continuous ventilation and heating facilities to maintain surface and ambient temperatures above 45° F for 24 hours before, during, and 48 hours after application of finishes, unless required otherwise by manufacturer's instructions.
- B. Minimum Application Temperatures of Latex Paints: 45° F for interiors; 50° F for exterior; unless required otherwise by manufacturer's instructions.
- C. Provide lighting level of 80 ft candles measured mid-height at substrate surface.

PART 2 PRODUCTS**2.1 PAINTS AND COATINGS**

- A. PITTSBURGH PAINT.
- B. SHERWIN WILLIAMS.
- C. ICI.
- D. DIAMOND VOGEL PAINT
- E. Equals, approved by Architect prior to bidding.

2.2 COMPONENTS

- A. Coatings: Ready mixed, except field catalyzed coatings. Process pigments to soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating.
- B. Accessory Materials: Linseed Oil, shellac, turpentine, paint thinners and other materials not specifically indicated but required to achieve the finishes specified, of commercial quality.

PART 3 EXECUTION**3.1 INSPECTION**

- A. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- B. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
- C. Beginning of installation means acceptance of existing surfaces.

3.2 PREPARATION

- A. Correct minor defects and clean surfaces which affect work of this Section.
- B. Shop Primed Steel Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Prime metal items including shop primed items.
- C. Metal Door Frames Scheduled for Painting: Prime all surfaces: tops, edges and bottoms with primer.

3.3 PROTECTION

- A. Protect elements surrounding the work of the Section from damage or disfiguration.
- B. Repair damage to other surfaces caused by work of this Section.
- C. Furnish drop cloths, shields, and protective methods to prevent spray or droppings from disfiguring other surfaces.
- D. Remove empty paint containers from site immediately.

3.4 APPLICATION

- A. Apply products in accordance with manufacturer's instructions.
- B. Do not apply finishes to surfaces that are not dry.
- C. Apply each coat to uniform finish.
- D. Apply each coat of paint slightly darker than preceding coat unless otherwise approved.
- E. Sand lightly between coats to achieve required finish.
- F. Allow applied coat to dry before next coat is applied.
- G. Prime back surfaces of interior woodwork scheduled to receive paint.

3.5 CLEANING

- A. As work proceeds, promptly remove paint where spilled, splashed, or spattered.
- B. During progress of work maintain premises free of unnecessary accumulation of tools, equipment, surplus materials, and debris.
- C. Collect cotton waste, cloths, and material which may constitute a fire hazard, place in closed metal containers and remove daily from site.

3.7 SCHEDULE -

- A. Steel - Unprimed
 - 1. One coat zinc chromate primer.
 - 2. Two coats semi-gloss alkyd enamel.
- B. Steel - Primed
 - 1. Touch-up with original primer.
 - 2. Two coats semi-gloss alkyd enamel.
- C. Existing Painted Surfaces
 - 1. Clean and prep. Solvent wipe clean previously painted metal.
 - 2. Patch holes, nicks, etc. Sand down chipped surface for a smooth, even finish. Prime patches.
 - 3. Paint to full coverage.
- D. Wood – Transparent Finish
 - 1. Filler coat for open grain woods only.
 - 2. One coat stain as required to match existing when required.
 - 3. Two coats of varnish to match existing.

3.8 COLORS

- A. As selected by Architect.

END OF SECTION