

ADDENDUM #1

Bid Number: 20-2017

Date: February 10, 2017

Subject: Replacement Doors at Lyric Theater

Please address inquiries to:

Conni Hayes, Buyer
(859) 258-3320

TO ALL PROSPECTIVE BIDDERS:

Please be advised of the following clarifications to the above referenced bid:

- 1) Bid opening date has been changed to February 21, 2017 at 2:00 PM.

Todd Slatin, Director
Division of Central Purchasing

All other terms and conditions of the Bid and specifications are unchanged. This letter should be signed, attached to and become a part of your Bid.

COMPANY NAME: Schiller Architectural Hardware and Door Systems

ADDRESS: 1032 Rushwood Ct. Lexington, KY 40511

SIGNATURE OF BIDDER: Angela Johnson





Lexington-Fayette Urban County Government

Lexington, Kentucky
Horse Capital of the World

Division of Central Purchasing

Date of Issue: January 30, 2017

INVITATION TO BID #20-2017 Replacement Doors at Lyric Theater

Bid Opening Time: 2:00 PM

Bid Opening Date: February 13, 2017
Address: 200 East Main Street, 3rd Floor, Room 338, Lexington, Kentucky 40507

Type of Bid: Firm Bid

Pre Bid Time: 11:00 am

Pre Bid Meeting: February 6, 2017
Address: 300 E. Third Street, Lexington, KY 40507

Sealed bids will be received in the office of the Division of Central Purchasing, 200 East Main Street, Lexington, Kentucky, until **2:00 PM**, prevailing local time on **2/13/2017**. Bids must be received by the above-mentioned date and time. Mailed bids should be sent to:

**Division of Central Purchasing
200 East Main Street, Room 338
Lexington, KY 40507, (859) 258-3320**

The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. **Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.** All bids must be signed and have the company name and address, bid invitation number, and the name of the bid on the outside of the envelope.

Bids are to include all shipping costs to the point of delivery located at: 300 E. Third Street, Lexington, KY 40507

Bid Security and Performance Bond Required for all bids over \$50,000.

<p align="center">Check One:</p> <p><input checked="" type="checkbox"/> Bid Specifications Met <input type="checkbox"/> Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i></p>		<p>Proposed Delivery: _____ days after acceptance of bid.</p>
<p>Procurement Card Usage—The Lexington-Fayette Urban County Government may be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		

Submitted by: Schiller Architectural Hardware and Door Systems
Firm Name
1032 Rushwood Ct
Address
Lexington, KY 40511
City, State & Zip

Bid must be signed:
(original signature)

Angela Johnson Division Mgr.
Signature of Authorized Company Representative – Title
Angela Johnson
Representative's Name (Typed or printed)
859-233-4427
Area Code - Phone – Extension *Fax #*
dborgmeier@schillerhardware.com
E-Mail Address

The Affidavit in this bid must be completed before your firm can be considered for award of this contract.

AFFIDAVIT

Comes the Affiant, Angela Johnson, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Angela Johnson and he/she is the individual submitting the bid or is the authorized representative of Schiller Architectural Hardware and Door Systems the entity submitting the bid (hereinafter referred to as "Bidder")
2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
4. Bidder has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."
7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught. Angela Johnson

STATE OF Kentucky

COUNTY OF Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me by Angela Johnson on this the 21st day of February, 2017.

My Commission expires: August 1st, 2018

Toni Tzvetanova
NOTARY PUBLIC, STATE AT LARGE

Toni Tzvetanova
Notary Public
State at Large
Kentucky
My Commission Expires August 1, 2018

Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.

I. GREEN PROCUREMENT

A. ENERGY

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to www.Energystar.gov). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

Key Benefits

These products use 25 to 50% less energy
Reduced energy costs without compromising quality or performance
Reduced air pollution because fewer fossil fuels are burned
Significant return on investment
Extended product life and decreased maintenance

B. GREEN SEAL CERTIFIED PRODUCTS

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to www.Green Seal.org to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

C. GREEN COMMUNITY

The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.

If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?

Yes _____ No X

II. Bid Conditions

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Central Purchasing may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Central Purchasing.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.
- D. The bidder agrees that the Urban County Government reserves the right to reject any and all bids for either fiscal or technical reasons, and to award each part of the bid separately or all parts to one vendor.

- E. Minor exceptions may not eliminate the bidder. The decision as to whether any exception is minor shall be entirely that of the head of the requisitioning Department or Division and the Director of the Division of Central Purchasing. The Urban County Government may waive technicalities and informalities where such waiver would best serve the interests of the Urban County Government.
- F. Manufacturer's catalogue numbers, trade names, etc., where shown herein are for descriptive purposes and are to guide the bidder in interpreting the standard of quality, design, and performance desired, and shall not be construed to exclude proposals based on furnishing other types of materials and/or services. However, any substitution or departure proposed by the bidder must be clearly noted and described; otherwise, it will be assumed that the bidder intends to supply items specifically mentioned in this Invitation for Bids.
- G. The Urban County Government may require demonstrations of the materials proposed herein prior to acceptance of this proposal.
- H. Bids must be submitted on this form and must be signed by the bidder or his authorized representative. Unsigned bids will not be considered.
- I. Bids must be submitted prior to the date and time indicated for opening. Bids submitted after this time will not be considered.
- J. All bids mailed must be marked on the face of the envelope:

"Bid on #20-2017 Replacement Doors at Lyric Theater"

and addressed to: Division of Central Purchasing
 200 East Main Street, Room 338
 Lexington, Kentucky 40507

The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.

- K. Bidder is requested to show both unit prices and lot prices. In the event of error, the unit price shall prevail.
- L. A certified check or Bid Bond in the amount of 5 percent of the bid price must be attached hereto for bids greater than \$50,000. This check must be made payable to the Lexington-Fayette Urban County Government, and will be returned when the material and/or services specified herein have been delivered in accordance with specifications. In the event of failure to perform within the time period set forth in this bid, it is agreed the certified check may be cashed and the funds retained by the Lexington-Fayette Urban County Government as liquidated damages. Checks of unsuccessful bidders will be returned when the bid has been awarded.
- M. The delivery dates specified by bidder may be a factor in the determination of the successful bidder.
- N. Tabulations of bids received may be mailed to bidders. Bidders requesting tabulations must enclose a stamped, self-addressed envelope with the bid.
- O. The Lexington-Fayette Urban County Government is exempt from Kentucky Sales Tax and Federal Excise Tax on materials purchased from this bid invitation. Materials purchased by the bidder for construction projects are not tax exempt and are the sole responsibility of the bidder.
- P. All material furnished hereunder must be in full compliance with OSHA regulations.
- Q. If more than one bid is offered by one party, or by any person or persons representing a party, all such bids shall be rejected.
- R. Signature on the face of this bid by the Bidder or his authorized representative shall be construed as acceptance of and compliance with all terms and conditions contained herein.
- S. The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, creed, national origin, sex or age, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.

- T. The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) *The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) *The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) *The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) *The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities - Information required

- (1) *For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*
- (2) *Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor - Hiring of minority contractor or subcontractor

- (1) *If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) *If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.*
- (3) *The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.

KRS 45.640 Minimum skills

Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.

It is recommended that all of the provisions above quoted to be included as special conditions in each

contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

- U. Any party, firm or individual submitting a proposal pursuant to this invitation must be in compliance with the requirements of the Lexington-Fayette Urban County Government regarding taxes and fees before they can be considered for award of this invitation and must maintain a "current" status with regard to those taxes and fees throughout the term of the contract. The contractor must be in compliance with Chapter 13 from the Code of Ordinances of the Lexington-Fayette Urban County Government. The contractor must be in compliance with Ordinance 35-2000 pursuant to contractor registration with the Division of Building Inspection. If applicable, said business must have a Fayette County business license.

Pursuant to KRS 45A.343 and KRS 45A.345, the contractor shall

- (1) Reveal any final determination of a violation by the contractor within the previous five year period pursuant to KRS Chapters 136 (corporation and utility taxes), 139 (sales and use taxes), 141 (income taxes), 337 (wages and hours), 338 (occupational safety and health of employees), 341 (unemployment and compensation) and 342 (labor and human rights) that apply to the contractor; and*
- (2) Be in continuous compliance with the above-mentioned KRS provisions that apply to the contractor for the duration of the contract.*

A contractor's failure to reveal the above or to comply with such provisions for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the contractor from eligibility for future contracts for a period of two (2) years.

- V. Vendors who respond to this invitation have the right to file a notice of contention associated with the bid process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the bid process must be filed within 3 business days of the bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the bid process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with bid processes. If, based on this review, a bid process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a bid recommendation must be filed within 3 business days of the bid recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

LFUCG Non-Appropriation Clause

Contractor acknowledges that the LFUCG is a governmental entity, and the contract validity is based upon the availability of public funding under the authority of its statutory mandate.

In the event that public funds are unavailable and not appropriated for the performance of the LFUCG's obligations under this contract, then this contract shall automatically expire without penalty to the LFUCG thirty (30) days after written notice to Contractor of the unavailability and non-appropriation of public funds. It is expressly agreed that the LFUCG shall not activate this non-appropriation provision for its convenience or to circumvent the requirements of this contract, but only as an emergency fiscal measure during a substantial fiscal crisis, which affects generally its governmental operations.

In the event of a change in the LFUCG's statutory authority, mandate and mandated functions, by state and federal legislative or regulatory action, which adversely affects the LFUCG's authority to continue its obligations under this contract, then this contract shall automatically terminate without penalty to the LFUCG upon written notice to Contractor of such limitation or change in the LFUCG's legal authority.

SPECIAL INSTRUCTIONS TO THE BIDDER

(DO NOT SUBMIT PERFORMANCE SECURITY WITH BID)

Performance Security: The APPARENT LOW BIDDER shall furnish, before recommendation by the Division of Central Purchasing to the Urban County Council that the BIDDER'S bid be accepted, a Performance Bond, Certified Check or Cashier's Check, payable to the Lexington-Fayette Urban County Government, in the penal sum of 100% of the price of the materials and/or services proposed in the bid.

The performance bond will not be returned to the bidder after delivery of the materials/services specified herein unless the bidder requests that the performance bond be returned.

The certified / cashier's check will be returned when the materials and/or services specified herein have been delivered.

In the event of bidder's failure to perform as specified herein, it is agreed that the monies represented by the performance bond or certified / cashier's check shall be retained by the Lexington-Fayette Urban County Government as liquidated damages.

Contracts that are less than \$50,000 will not require a 5% bid security or a performance and payment bond.

EQUAL OPPORTUNITY AGREEMENT

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental disability.

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.

- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

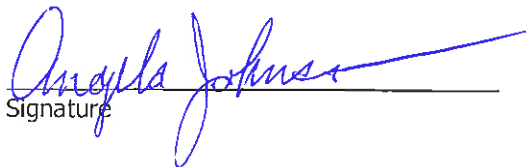
The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, veteran status, disability and age.


Signature

Schiller Architectural Hardware and Door Systems
Name of Business

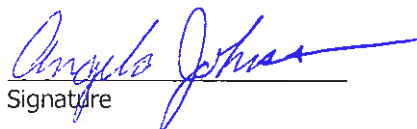
GENERAL PROVISIONS OF BID CONTRACT

By signing the below, bidder acknowledges that it understands and agrees with the following provisions related to its bid response and the provision of any goods or services to LFUCG upon selection by LFUCG pursuant to the bid request:

1. Bidder shall comply with all Federal, State & Local regulations concerning this type of service or good.
2. Failure to submit ALL forms and information required by LFUCG may be grounds for disqualification.
3. Addenda: All addenda, if any, must be considered by the bidder in making its response, and such addenda shall be made a part of the requirements of the bid contract. Before submitting a bid response, it is incumbent upon bidder to be informed as to whether any addenda have been issued, and the failure of the bidder to cover any such addenda may result in disqualification of that response.
4. Bid Reservations: LFUCG reserves the right to reject any or all bid responses, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by bidder in the preparation of its response.
6. Changes/Alterations: Bidder may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the bid response, and received by LFUCG prior to the scheduled closing time for receipt of bids, will be accepted. The bid response when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of bid response".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from any bidder.
8. Bribery Clause: By his/her signature on its response, bidder certifies that no employee of his/hers, any affiliate or subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the bidder may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the bid response. Additional documentation shall not serve as a substitute for other documentation which is required by the LFUCG to be submitted with the bid response.
10. Ambiguity, Conflict or other Errors: If a bidder discovers any ambiguity, conflict, discrepancy, omission or other error in the bid request of LFUCG, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting its bid response, the bidder agrees that it has carefully examined the specifications and all provisions relating to LFUCG's bid request, including but not limited to the bid contract. By submission of its bid response, bidder states that it understands the meaning, intent and requirements of LFUCG's bid request and agrees to the same. The successful bidder shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to bidder shall be authorized for services, expenses, or goods reasonably covered under these provisions that the bidder omits from its bid response.
12. Cancellation: LFUCG may unilaterally terminate the bid contract with the selected bidder(s) at any time, with or without cause, by providing at least thirty (30) days advance written notice unless a different advance written notice period is negotiated prior to contract approval. Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.
13. Assignment of Contract: The selected bidder(s) shall not assign or subcontract any portion of the bid contract with LFUCG without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any

request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.

14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this bid proposal or bid contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** Each bidder must be authorized to do business under the laws of the Commonwealth of Kentucky and must be in good standing and have full legal capacity to provide the goods or services specified in the bid proposal. Each bidder must have all necessary right and lawful authority to submit the bid response and enter into the bid contract for the full term hereof including any necessary corporate or other action authorizing the bidder to submit the bid response and enter into this bid contract. If requested, the bidder will provide LFUCG with a copy of a corporate resolution authorizing this action and/or a letter from an attorney confirming that the proposer is authorized to do business in the Commonwealth of Kentucky. All bid responses must be signed by a duly authorized officer, agent or employee of the bidder.
16. **Governing Law:** This bid request and bid contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this matter, the bidder agrees that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division and that the bidder expressly consents to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to these matters or any rights or obligations arising thereunder.
17. **Ability to Meet Obligations:** Bidder affirmatively states that there are no actions, suits or proceedings of any kind pending against bidder or, to the knowledge of the bidder, threatened against the bidder before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of bidder to perform its obligations under this bid response or bid contract, or which question the legality, validity or enforceability hereof or thereof.
18. Bidder understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Bidder is an independent contractor at all times related to the bid response or bid contract.
19. If any term or provision of this bid contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.

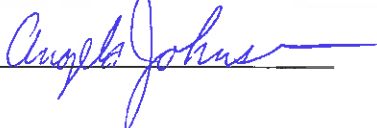

Signature

February 21st, 2017
Date

WORKFORCE ANALYSIS FORM

Name of Organization: Schiller Architectural Hardware and Door Systems

Categories	Total	White (Not Hispanic or Latino)		Hispanic or Latino		Black or African-American (Not Hispanic or Latino)		Native Hawaiian and Other Pacific Islander (Not Hispanic)		Asian (Not Hispanic or Latino)		American Indian or Alaskan Native (not Hispanic or Latino)		Two or more races (Not Hispanic or Latino)		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Administrators		2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Professionals		6	4	0	0	0	0	0	0	0	0	0	0	0	0	6	4
Superintendents		2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
Supervisors		3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
Foremen		2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
Technicians		6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	
Protective Service		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Para-Professionals		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Office/Clerical		1	8	0	0	0	0	0	0	0	0	0	0	0	1	8	
Skilled Craft		18	0	0	0	0	0	0	0	0	0	0	0	0	18	0	
Service/Maintenance		19	1	1	0	1	0	0	0	0	0	0	0	0	21	1	
Total:		59	15	1	0	1	0	0	0	0	0	0	0	0	61	15	

Prepared by: Angela Johnson, Division Manager 
 (Name and Title)

Date: 02 / 21 / 2017

Revised 2015-Dec-15

**DIRECTOR, DIVISION OF CENTRAL PURCHASING
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
200 EAST MAIN STREET
LEXINGTON, KENTUCKY 40507**

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE
EQUAL EMPLOYMENT OPPORTUNITIES AND DBE CONTRACT PARTICIPATION**

The Lexington-Fayette Urban County Government has set a goal that not less than ten percent (10%) of the total value of this contract be subcontracted to MBE/WBE's. The goal for the utilization of certified MBE/WBE's as subcontractors are recommended goals. Contractors who fail to meet such goals will be expected to provide written explanations to the Director of the Division of Central Purchasing of efforts they have made to accomplish the recommended goals and the extent to which they are successful in accomplishing the recommended goals will be a consideration in the procurement process.

For assistance in locating MBE/WBE Subcontractors contact Sherita Miller at 859/258-3320 or by writing the address listed below:

Sherita Miller, Division of Central Purchasing
Lexington-Fayette Urban County Government
200 East Main Street – Room 338
Lexington, Kentucky 40507
smiller@lexingtonky.gov

Lexington-Fayette Urban County Government
MWDBE PARTICIPATION GOALS

A. GENERAL

- 1) The LFUCG request all potential contractors to make a concerted effort to include Minority-Owned (MBE), Woman-Owned (WBE), Disadvantaged (DBE) Business Enterprises and Veteran-Owned Businesses as subcontractors or suppliers in their bids.
- 2) Toward that end, the LFUCG has established 10% of total procurement costs as a Goal for participation of Minority-Owned, Woman-Owned and Disadvantaged Businesses on this contract.
- 3) **It is therefore a request of each Bidder to include in its bid, the same goal (10%) for MWDBE participation and other requirements as outlined in this section.**
- 4) The LFUCG has also established a 3% of total procurement costs as a Goal for participation for of Veteran-Owned Businesses.
- 5) **It is therefore a request of each Bidder to include in its bid, the same goal (3%) for Veteran-Owned participation and other requirements as outlined in this section.**

B. PROCEDURES

- 1) The successful bidder will be required to report to the LFUCG, the dollar amounts of all payments submitted to Minority-Owned or Woman-Owned subcontractors and suppliers for work done or materials purchased for this contract. (See Subcontractor Monthly Payment Report)
- 2) Replacement of a Minority-Owned or Woman-Owned subcontractor or supplier listed in the original submittal must be requested in writing and must be accompanied by documentation of Good Faith Efforts to replace the subcontractor / supplier with another MWDBE Firm; this is subject to approval by the LFUCG. (See LFUCG MWDBE Substitution Form)
- 3) For assistance in identifying qualified, certified businesses to solicit for potential contracting opportunities, bidders may contact:
 - a) The Lexington-Fayette Urban County Government, Division of Central Purchasing (859-258-3320)
- 4) The LFUCG will make every effort to notify interested MWDBE subcontractors and Veteran-Owned suppliers of each Bid Package, including information on the scope of work, the pre-bid meeting time and location, the bid date, and all other pertinent information regarding the project.

C. DEFINITIONS

- 1) A Minority-Owned Business Enterprise (MBE) is defined as a business which is certified as being at least 51% owned and operated by persons of African American, Hispanic, Asian, Pacific Islander, American Indian or Alaskan Native Heritage.
- 2) A Woman-Owned Business Enterprise (WBE) is defined as a business which is certified as being at least 51% owned and operated by one or more Non-Minority Females.

- 3) A Disadvantaged Business (DBE) is defined as a business which is certified as being at least 51% owned and operated by a person(s) that are economically and socially disadvantaged.
- 4) A Veteran-Owned Small Business (VOSB) is defined as a business which is certified as being at least 51% owned and operated by a veteran and/or a service disabled veteran.
- 5) Good Faith Efforts are efforts that, given all relevant circumstances, a bidder or proposer actively and aggressively seeking to meet the goals, can reasonably be expected to make. In evaluating good faith efforts made toward achieving the goals, whether the bidder or proposer has performed the efforts outlined in the Obligations of Bidder for Good Faith Efforts outlined in this document will be considered, along with any other relevant factors.

D. OBLIGATION OF BIDDER FOR GOOD FAITH EFFORTS

- 1) **The bidder shall make a Good Faith Effort to achieve the Participation Goal for MWDBE subcontractors/suppliers. The failure to meet the goal shall not necessarily be cause for disqualification of the bidder; however, bidders not meeting the goal are required to furnish with their bids written documentation of their Good Faith Efforts to do so.**
- 2) Award of Contract shall be conditioned upon satisfaction of the requirements set forth herein.
- 3) The Form of Proposal includes a section entitled “MWDBE Participation Form”. The applicable information must be completed and submitted as outlined below.
- 4) **Failure to submit this information as requested may be cause for rejection of bid.**

E. DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS

- 1) Bidders reaching the Goal are required to submit only the MWDBE Participation Form.” The form must be fully completed including names and telephone number of participating MWDBE firm(s); type of work to be performed; estimated value of the contract and value expressed as a percentage of the total Lump Sum Bid Price. The form must be signed and dated, and is to be submitted with the bid.
- 2) Bidders not reaching the Goal must submit the “MWDBE Participation Form”, the “Quote Summary Form” and a written statement documenting their Good Faith Effort to do so. If bid includes no MWDBE and/or Veteran participation, bidder shall enter “None” on the subcontractor / supplier form). In addition, the bidder must submit written proof of their Good Faith Efforts to meet the Participation Goal:
 - a. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.
 - b. Included documentation of advertising in the above publications with the bidders good faith efforts package
 - c. Attended LFUCG Central Purchasing Economic Inclusion Outreach event
 - d. Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or

Veteran-Owned businesses of subcontracting opportunities

- e. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses.
- f. Requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).
- g. Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
- h. Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
- i. Followed up initial solicitations by contacting MWDBEs and Veteran-Owned Businesses to determine their level of interest.
- j. Provided the interested MWDBE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.
- k. Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce
- l. Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
- m. Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
- n. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.
- o. Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding

to satisfy the work requirements of the bid proposal

p. Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

q. Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE and Veteran participation.

Note: Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to review by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.



MINORITY BUSINESS ENTERPRISE PROGRAM

Sherita Miller, MPA
Minority Business Enterprise Liaison
Division of Central Purchasing
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507
smiller@lexingtonky.gov
859-258-3323

OUR MISSION: The mission of the Minority Business Enterprise Program is to facilitate the full participation of minority and women owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long term economic viability of Lexington-Fayette Urban County Government.

To that end the city council adopted and implemented resolution 167-91—Disadvantaged Business Enterprise (DBE) 10% Goal Plan in July of 1991. The resolution states in part (a full copy is available in Central Purchasing):

“A Resolution supporting adoption of the administrative plan for a ten percent (10%) Minimum goal for disadvantaged business enterprise participation in Lexington-Fayette Urban County Government construction and professional services contracts; Providing that as part of their bids on LFUCG construction contracts, general Contractors shall make a good faith effort to award at least ten percent (10%) of All subcontracts to disadvantaged business enterprises; providing that divisions of LFUCG shall make a good faith effort to award at least ten percent of their Professional services and other contracts to disadvantaged business enterprises...”

A Disadvantaged Business Enterprise is defined as a business that has been certified as being at least 51% owned, operated and managed by a U.S. Citizen of the following groups:

- African-American
- Hispanic-American
- Asian/Pacific Islander
- Native American/Native Alaskan
- Non-Minority Female
- Economically and Socially Disadvantaged

In addition, to that end the city council also adopted and implemented resolution 167-91—Veteran-owned Businesses, 3% Goal Plan in July of 2015. The resolution states in part (a full copy is available in Central Purchasing):

“A resolution adopting a three percent (3%) minimum goal for certified veteran-owned small businesses and service disabled veteran-owned businesses for certain of those Lexington-Fayette Urban County contracts related to construction for professional services, and authorizing the Division of Purchasing to adopt and implement guidelines and/or policies consistent with the provisions and intent of this resolution by no later than July 1, 2015.”

We have compiled the list below to help you locate certified MBE, WBE and DBE certified businesses. Below is a listing of contacts for LFUCG Certified MWDBEs and Veteran-Owned Small Businesses in (<https://lexingtonky.ionwave.net>)

Business	Contact	Email Address	Phone
LFUCG	Sherita Miller	smiller@lexingtonky.gov	859-258-3323
Commerce Lexington – Minority Business Development	Tyrone Tyra	ttvra@commercelexington.com	859-226-1625
Tri-State Minority Supplier Diversity Council	Susan Marston	smarston@tsmsdc.com	502-365-9762
Small Business Development Council	Shiric Hawkins UK SBDC	smack@ukv.edu	859-257-7666
Community Ventures Corporation	Phyllis Alcorn	palcorn@cvky.org	859-231-0054
KY Transportation Cabinet (KYTC)	Melvin Bynes	Melvin.bynes2@ky.gov	502-564-3601
KYTC Pre-Qualification	Shella Eagle	Shella.Eagle@ky.gov	502-782-4815
Ohio River Valley Women’s Business Council (WBENC)	Sheila Mixon	smixon@orvwbc.org	513-487-6537
Kentucky MWBE Certification Program	Yvette Smith, Kentucky Finance Cabinet	Yvette.Smith@ky.gov	502-564-8099
National Women Business Owner’s Council (NWBOC)	Janet Harris-Lange	janet@nwbo.org	800-675-5066
Small Business Administration	Robert Coffey	robertcoffey@sba.gov	502-582-5971
LaVoz de Kentucky	Andres Cruz	lavozdeky@yahoo.com	859-621-2106
The Key News Journal	Patrice Muhammad	paatricem@keynewsjournal.com	859-373-9428



LFUCG MWDBE PARTICIPATION FORM

Bid/RFP/Quote Reference # 20-2017

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1. n/a				
2.				
3.				
4.				

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Schiller Architectural Hardware
and Door Systems

Company

2/21/17

Date

Angela Johnson

Company Representative

Division Manager

Title



LFUCG MWDBE SUBSTITUTION FORM

Bid/RFP/Quote Reference # 20-2017

The substituted MWDBE and/or veteran subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to Central Purchasing for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project.

SUBSTITUTED MWDBE Company Name, Address, Phone, Email	MWDBE Formally Contracted/ Name, Address, Phone, Email	Work to Be Performed	Reason for the Substitution	Total Dollar Value of the Work	% Value of Total Contract
1. n/a					
2.					
3.					
4.					

The undersigned acknowledges that any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Schiller Architectural Hardware
and Door Systems
Company

2/21/17
Date

Angela Johnson 
Company Representative

Division Manager
Title



MWDBE QUOTE SUMMARY FORM

Bid/RFP/Quote Reference # 20-2017

The undersigned acknowledges that the minority and veteran-owned subcontractors listed on this form did submit a quote to participate on this project. Failure to submit this form may cause rejection of the bid.

Company Name Schiller Architectural Hardware and Door Systems	Contact Person David Borgmeier
Address/Phone/Email 1032 Rushwood Ct. Lexington KY 40511 859-233-4427 dborgmeier@schillerhardware.com	Bid Package / Bid Date #20-2017 2/21/17

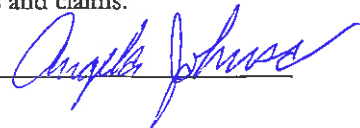
MWDBE Company Address	Contact Person	Contact Information (work phone, Email, cell)	Date Contacted	Services to be performed	Method of Communication (email, phone meeting, ad, event etc)	Total dollars \$\$ Do Not Leave Blank (Attach Documentation)	MBE * AA HA AS NA Female	Veteran
n/a								

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

The undersigned acknowledges that all information is accurate. Any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Schiller Architectural Hardware
and Door Systems

Company

Angela Johnson 

Company Representative

2/21/17

Date

Division Manager

Title



LFUCG SUBCONTRACTOR MONTHLY PAYMENT REPORT

The LFUCG has a 10% goal plan adopted by city council to increase the participation of minority and women owned businesses in the procurement process. The LFUCG also has a 3% goal plan adopted by cited council to increase the participation of veteran owned businesses in the procurement process. In order to measure that goal LFUCG will track spending with MWDBE vendors on a monthly basis. By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentation may result in termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims. Please submit this form monthly to the Division of Central Purchasing/ 200 East Main Street / Room 338 / Lexington, KY 40507.

Bid/RFP/Quote # 20-2017

Total Contract Amount Awarded to Prime Contractor for this Project _____

Project Name/ Contract # Replacement of Doors at Lyric Theater #20-2017	Work Period/ From: _____ To: _____
Company Name: Schiller Architectural Hardware and Door Systems	Address: 1032 Rushwood Ct. Lexington, KY 40511
Federal Tax ID:	Contact Person: David Borgmeier

Subcontractor Vendor ID (name, address, phone, email)	Description of Work	Total Subcontract Amount	% of Total Contract Awarded to Prime for this Project	Total Amount Paid for this Period	Purchase Order number for subcontractor work (please attach PO)	Scheduled Project Start Date	Scheduled Project End Date
n/a							

By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

Schiller Architectural Hardware and Door Systems
Company

Angela Johnson
Company Representative

2/21/17
Date

Division Manager
Title

LFUCG STATEMENT OF GOOD FAITH EFFORTS

Bid/RFP/Quote # 20-2017

By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE and Veteran-Owned business enterprises on the project and can supply the appropriate documentation.

_____ Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.

_____ Included documentation of advertising in the above publications with the bidders good faith efforts package

_____ Attended LFUCG Central Purchasing Economic Inclusion Outreach event

_____ Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or Veteran-Owned Businesses of subcontracting opportunities

_____ Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses

_____ requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).

_____ Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.

_____ Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.

_____ Followed up initial solicitations by contacting MWDBEs and Veteran-Owned businesses to determine their level of interest.

_____ Provided the interested MWDBE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.

_____ Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce

_____ Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.

_____ Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.

_____ Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.

x _____ Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

_____ Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

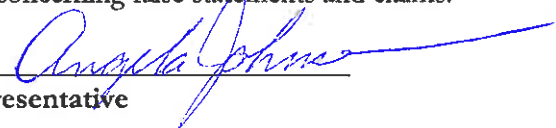
_____ Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE and Veteran participation.

NOTE: Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to approval by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Schiller Architectural Hardware
and Door Systems

Company

Angela Johnson 

Company Representative

2/21/17

Date

Division Manager

Title

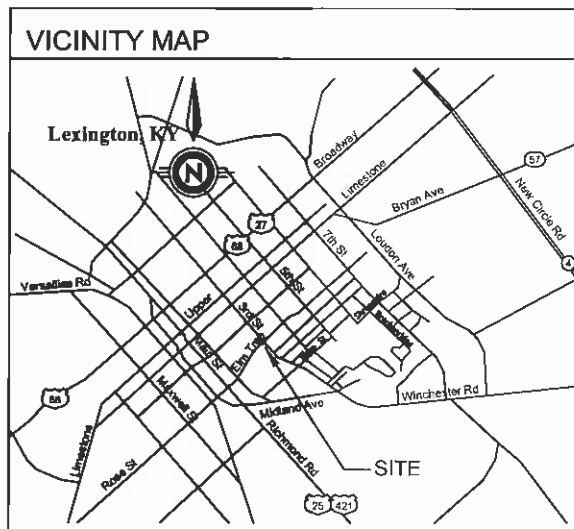
DOOR REPLACEMENT

LYRIC THEATRE

300 EAST THIRD STREET
Lexington, KY 40508

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT

200 East Main Street
Lexington, KY 40507



PROJECT MANUAL

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A1.3 SECTION DETAIL
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A2.1 ENLARGED EXTERIOR ELEVATION

ELECTRICAL DRAWINGS

E0.0 ELECTRICAL SPECIFICATIONS
E1.0 ELECTRICAL PLAN - NEW WORK

BID DOCUMENTS

DATE- JANUARY 20, 2017
LFUCG BID # 20-2017

TATE HILL JACOBS

346 East Main Street ■ Lexington Kentucky 40507
t 859.252.5994 ■ f 859.253.1607 ■ www.thjarch.com

ARCHITECTS

ELECTRICAL
ENGINEER

STAGGS & FISHER
CONSULTING ENGINEERS

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024119	Selective Demolition
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083113	Access Doors and Frames
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087100	Finish Hardware

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092116	Gypsum Board Assemblies
099000	Painting and Coating

ELECTRICAL SPECIFICATIONS are included on the drawing sheets.

- END OF SPECIFICATION SECTIONS -

SECTION 011000 - SUMMARY

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. The Contract Documents
- B. Contract description.
- C. Times of Completion
- D. Pre-Bid Meeting
- E. Work by Owner.
- F. Contractor's use of site and premises.
- G. Work sequence.
- H. Owner occupancy.

1.2 THE CONTRACT DOCUMENTS

- A. The drawings and specifications are intended to be fully explanatory and supplementary. However, should anything be shown, indicated or specified on one and not the other, it shall be done the same as if shown, indicated or specified in both.
- B. It shall be the responsibility of all Contractors and Subcontractors to carefully examine all Drawings, Specifications and Contract Documents pertaining to all work of the construction in order that Contractor and Subcontractors may foresee all requirements for coordination of their work. Submission of a bid shall be construed as evidence that such an examination has been made. Claims based on unforeseen requirements will not be considered.
- C. Should any error or inconsistency appear in Drawings or Specifications, the Contractor, before proceeding with the work, must make mention of the same to the Architect for proper adjustment, and in no case proceed with the work in uncertainty or with insufficient drawings.
- D. Bidders, subcontractors and suppliers, before submitting proposals, shall visit and examine the site to satisfy themselves as to the nature and scope of the demolition, renovation, and new construction. Requests for additional compensation resulting from any difficulties encountered, which could have been foreseen had such an examination been made, will not be recognized.
- E. The Contractor and each Subcontractor shall be responsible for verification of all measurements at the building before ordering any materials or doing any work.

No additional compensation shall be allowed due to differences between actual dimensions and dimensions indicated on the Drawings. Any such discrepancy in dimensions, which may be found, shall be submitted to the Architect for consideration before the Contractor proceeds with the work in the affected areas.

- F. Contractors shall follow sizes in Specifications or figures on Drawings, in preference to scale measurements and follow detail drawings in preference to general drawings.
- G. Where it is obvious that a drawing illustrates only part of a given work or of a number of items, the remaining shall be deemed repetitious and so constructed.

1.3 CONTRACT DESCRIPTION

- A. Work of the project includes replacement of aluminum door & frame at historic entrance to the LYRIC THEATRE, 300 East Third Street in Lexington KY.
- B. Perform Work of Contract under stipulated sum contract with Owner in accordance with Conditions of Contract.

1.4 TIMES OF COMPLETION & LIQUIDATED DAMAGES

- A. The work of construction shall be organized by the General Contractor to best facilitate meeting the requirements of the project. **Liquidated Damages of \$250 per day will be assessed for failure to meet either Substantial Completion or Final Completion.**

Work of Project	Completion Dates
Anticipated Start of Construction	March 1, 2017
Substantial Completion (87 days)	May 26, 2017
FINAL COMPLETION (14 days)	June 9, 2017

- B. Substantial Completion: Subject to the conditions of "Article 22 Time of Completion" of the General Conditions, the total work to be done under this contract shall commence on the date the Contractor receives the Work Order and shall Substantially Complete the work within the time specified above.
- C. Final Completion: Subject to the conditions of Article 22 "Time of Completion" of the General Conditions, the total work to be done under this combined Construction Contract shall be fully completed within fifteen (15) consecutive calendar days after the Date of Substantial Completion. The Date of Final Completion shall be the date that the work is complete and all Contract requirements have been fulfilled by the Contractor.

1.5 PRE-BID MEETING

A Pre-Bid Meeting will be held at the time and date identified in the Advertisement for Bids.

1.6 CONTRACTOR'S USE OF SITE AND PREMISES

A. Access to Site: TBD.

B. Construction Limits: TBD.

C. Storage limits: Confine storage of materials and support facilities to area identified with Owner.

D. Restrictions for Performing Work:
1. Hours of Operation - TBD

E. Utility Outages are not to occur directly related to this project.

1.7 OWNER OCCUPANCY

A. Owner will fully occupy this building throughout the work of this contract.

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION - Not Used.

END OF SECTION

SECTION 012000 - PRICE AND PAYMENT PROCEDURES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Schedule of Values.
- B. Applications for Payment.
- C. Payment for Stored Materials
- D. Change procedures.
- E. Defect assessment.
- F. Unit prices.
- G. Alternates

1.2 SCHEDULE OF VALUES

- A. Submit printed schedule on AIA Form G703 - Continuation Sheet for G702.
- B. Submit Schedule of Values in duplicate within 7 days after date of Notice of Intent to Award.

1.3 APPLICATIONS FOR PAYMENT

- A. Submit four copies of each application on AIA Form G702 - Application and Certificate for Payment and AIA G703 - Continuation Sheet for G702
- B. Content and Format: Utilize Schedule of Values for listing items in Application for Payment.
- C. Submit updated construction schedule with each Application for Payment.
- D. Payment Period: TBD.
- E. Submit with transmittal letter as specified for Submittals in Section 01 33 00.

1.4 PAYMENT FOR STORED MATERIALS

- A. Request for Payment of stored materials or equipment must include:
 - 1. List of Materials consigned to the project, copies of invoices with project I.D. and storage location.

2. Materials must be stored inside Fayette County Kentucky and accessible for viewing by architect or engineer during regular business hours to be listed on pay application.
3. Certification that all items have been tagged for the project and no other purpose.
4. A letter from the bonding company indicating agreement to the arrangement.
5. Evidence of adequate insurance, with LFUCG as insured.
6. Evidence that A/E has viewed the items.
7. Materials stored off-site outside Fayette County: At the convenience of the Architect/Engineer – a subcontractor may request and pay for a trip by the design consultant to verify these materials stored off-site, no further than 60 miles from Lexington. A minimum of 5 working days is required for this request to be considered. The charge will be a minimum of \$300. A Certificate of Insurance and material invoices must be provided prior to verification trip, with Lexington-Fayette Urban County Government as the insured.
8. If the above conditions are met, LFUCG will pay 80% of the invoiced value for materials suitably stored off-site.

1.5 CHANGE PROCEDURES

- A. Refer to General Conditions – Article 7 for general requirements.
- B. Change Order Forms: AIA G701 Change Order.
- C. No work shall be performed relative to Change Order Items until either:
 1. A written memo from the Architect confirming a verbal approval from the Owner and authorization to proceed, or
 2. A fully executed Change Order is received from the Owner (should no memo confirming a verbal order-to-proceed exist.)

The Owner is not responsible to payment of any work executed without the above required approvals.

1.6 ALTERNATES – Does Not Apply

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION - Not Used.

END OF SECTION

SECTION 013000 - ADMINISTRATIVE REQUIREMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Coordination and project conditions.
- B. Field engineering.
- C. Preconstruction meeting.
- D. Progress meetings.
- E. Pre-installation meetings.
- F. Cutting and patching.
- G. Special procedures.

1.2 COORDINATION AND PROJECT CONDITIONS

- A. Coordinate scheduling, submittals, and Work of various sections of Project Manual to ensure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.
- B. Coordinate space requirements, supports, and installation of mechanical and electrical Work indicated diagrammatically on Drawings. Follow routing shown for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- C. Coordinate completion and clean-up of Work of separate sections in preparation for Substantial Completion and for portions of Work designated for Owner's occupancy.

1.3 PRECONSTRUCTION MEETING

- A. To be scheduled after Notice of Award.

1.4 PROGRESS MEETINGS

- A. Progress meetings will be held at time frame to be determined. Meeting Minutes: The Architect shall record minutes of meetings.

1.5 PRE-INSTALLATION MEETINGS

- A. Require attendance of parties directly affecting, or affected by, Work of specific section. Notify Architect/Engineer one week in advance of meeting date.

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION

3.1 CUTTING AND PATCHING

- A. Materials: As specified in product sections; match existing with new products and salvaged products for patching and extending work.
- B. Employ skilled and experienced installer to perform alteration work.
- C. Cut, move, or remove items as necessary for access to alterations and renovation Work. Replace and restore at completion.
- D. Remove debris and abandoned items from area and from concealed spaces.
- E. Prepare surface and remove surface finishes to permit installation of new work and finishes.
- F. Close openings in exterior surfaces to protect existing work from weather and extremes of temperature and humidity.
- G. Remove, cut, and patch Work in manner to minimize damage and to permit restoring products and finishes to "like new" condition.
- H. Where new Work abuts or aligns with existing, provide smooth and even transition. Patch Work to match existing adjacent Work in texture and appearance.
- I. When finished surfaces are cut so that smooth transition with new Work is not possible, terminate existing surface along straight line at natural line of division and submit recommendation to Architect/Engineer for review.
- J. Where change of plane of 1/4 inch or more occurs, submit recommendation for providing smooth transition; to Architect/Engineer for review/approval prior to commencement of the work.
- K. Finish surfaces as specified in individual product sections.

END OF SECTION

SECTION 013300 - SUBMITTAL PROCEDURES

PART 1 GENERAL

1.1 SUBMITTAL PROCEDURES

- A. Transmit each submittal with Contractor's standard Cover Letter/Transmittal.
- B. Identify Project, Contractor, subcontractor and supplier; pertinent drawing and detail number, and specification section number, appropriate to submittal.
- C. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, , and coordination of information is in accordance with requirements of Contract Documents.
- D. Allow space on submittals for Contractor and Architect/Engineer review stamps.

1.2 CONSTRUCTION PROGRESS SCHEDULES –

- A. Submit initial Critical Path Schedule within 15 days after date of Notice of Award of Contract. After review, resubmit required revised data within five days.

1.3 PROPOSED PRODUCTS LIST

- A. Within 15 days after date of Owner-Contractor Agreement.

1.4 PRODUCT DATA

- A. Product Data: Submit to Architect/Engineer for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents. Indicate product utility and electrical connection requirements,

1.5 SAMPLES

- A. Samples: Submit to Architect/Engineer for review for limited purpose of checking for conformance with Contract Documents.

1.6 CONSTRUCTION PHOTOGRAPHS

- A. When requested, provide photographs of specified construction.

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION - Not Used.

END OF SECTION

SECTION 014000 - QUALITY REQUIREMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Quality control and control of installation.
- B. Tolerances
- C. Examination.
- D. Preparation.

1.2 QUALITY CONTROL AND CONTROL OF INSTALLATION

- A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality.
- B. Comply with manufacturers' instructions, including each step in sequence.
- C. Perform Work by persons qualified to produce required and specified quality.
- D. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, or disfigurement.

1.3 TOLERANCES

- A. Monitor fabrication and installation tolerance control of products to produce acceptable Work. Do not permit tolerances to accumulate.
- B. Comply with manufacturers' tolerances.
- C. Adjust products to appropriate dimensions; position before securing products in place.

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION

- 3.1 EXAMINATION - Examine and verify specific conditions described in spec sections.
- 3.2 PREPARATION - Clean substrate surfaces prior to applying next material or substance.

END OF SECTION

SECTION 016000 - PRODUCT REQUIREMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Products.
- B. Product substitution procedures.

1.2 PRODUCTS

- A. Furnish products of qualified manufacturers suitable for intended use. Furnish products of each type by single manufacturer unless specified otherwise.
- B. Do not use materials and equipment removed from existing premises, except as specifically permitted by Contract Documents.
- C. Furnish interchangeable components from same manufacturer for components being replaced.

1.3 PRODUCT SUBSTITUTION PROCEDURES

- A. Architect/Engineer will consider requests for Substitutions ONLY at the time of Bidding.
- B. All requests for Substitutions must be submitted a minimum of 10 days prior to Bid Date.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

Not Used.

END OF SECTION

SECTION 017000 - EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Closeout procedures.
- B. Final cleaning.
- C. Protecting installed construction.
- D. Operation and maintenance data.
- E. Spare parts and maintenance products.
- F. Product warranties and product bonds.

1.2 CLOSEOUT PROCEDURES - Submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work is complete in accordance with Contract Documents and ready for Architect/Engineer's review.

1.3 FINAL CLEANING - Execute final cleaning prior to final project assessment and Certificate of Substantial Completion is granted. Remove waste and surplus materials, rubbish, and construction facilities from site.

1.4 PROTECTING INSTALLED CONSTRUCTION - Protect installed Work as progress continues to substantial completion.

1.5 OPERATION AND MAINTENANCE DATA - Submit three (3) complete sets of Operation and Maintenance Manuals at the time of Substantial Completion. Submit in three-ring binder.

1.6 SPARE PARTS AND MAINTENANCE PRODUCTS - Furnish spare parts, maintenance, and extra products in quantities specified in individual specification sections.

1.7 PRODUCT WARRANTIES AND PRODUCT BONDS - Obtain warranties executed in triplicate by responsible subcontractors, suppliers, and manufacturers, within ten days after completion of applicable item of work.

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION - Not Used.

END OF SECTION

SECTION 024119 - SELECTIVE DEMOLITION

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Demolishing designated building elements.
 - 2. Demolishing designated construction.
 - 3. Cutting and alterations for completion of the Work.
 - 4. Removing designated items for reuse and Owner's retention.
 - 5. Protecting items designated to remain.
 - 6. Removing demolished materials.
 - 7. Removal of doors/frames where scheduled to be replaced.

1.2 SCHEDULING

- A. Section 01 30 00 - Administrative Requirements: Requirements for scheduling.

1.3 PROJECT CONDITIONS

- A. Conduct demolition to minimize interference with adjacent and occupied building areas.

PART 2 PRODUCTS - Not Used.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Determine where removals may result in structural deficiency or unplanned adverse impact on other systems scheduled to remain. Coordinate demolition sequence and procedures to prevent damage to existing construction assemblies scheduled to remain.

3.2 PREPARATION

- A. Mark location and termination of utilities.
- B. Erect, and maintain temporary barriers and security devices appropriate to demolition activities for protection of the public, Owner, and existing improvements indicated to remain.
- C. Erect and maintain weatherproof closures for exterior openings.
- D. Erect and maintain temporary partitions to prevent spread of dust, odors, and noise to permit continued Owner occupancy.

3.3 SALVAGE REQUIREMENTS

- A. Coordinate with Owner to identify building components and equipment required to be removed and delivered to Owner.

3.4 SELECTIVE DEMOLITION

- A. Conduct demolition to minimize interference with adjacent building areas.
- B. Maintain protected egress from and access to adjacent existing buildings at all times.
- C. Do not close or obstruct roadways or sidewalks without permits.
- D. Disconnect and remove designated utilities within demolition areas.
- E. Demolish in orderly and careful manner. Protect existing improvements, and supporting structural members.
- F. Remove demolished materials from site except where specifically noted otherwise. Do not burn or bury materials on site.
- G. Remove materials as Work progresses. Upon completion of Work, leave areas in clean condition.
- H. Remove temporary Work.

3.5 SCHEDULES

- A. Demolish the following materials and equipment: As indicated on Demolition Sheets of the Construction Drawings and as shown on the drawings plus all other incidental demolition required for the successful completion of the work called for in the documents.

END OF SECTION

SECTION 083113 - ACCESS DOORS AND PANELS

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes non-rated, access doors with frames for the following locations:
 - 1. Access panel in ceiling of Box Office – 2'x2'.

1.2 SUBMITTALS

- A. Product Data: Submit literature indicating sizes, types, finishes, hardware.

PART 2 PRODUCTS

2.1 ACCESS DOORS AND PANELS

- A. Ticket Box Office
 - 1. Larsen's Manufacturing Co.: Multi-Purpose Access Panels, L-MPG.
 - 2. Nystrom Building Products
 - 3. Cesco Products.
 - 4. JL Industries.
 - 5. Substitutions: SS 01 60 00 – Product Substitutions
- B. Product Description:
 - 1. Non- Rated Wall Unit: Formed steel, factory baked-on primer finish.

2.2 FABRICATION

- A. Fabrication as follows
 - 1. Door: 14 gauge cold rolled steel with phosphate dipped, baked-on rust inhibitive gray prime finish.
 - 2. Frame: 16 gauge cold rolled steel with phosphate dipped, baked-on rust inhibitive gray prime finish; 1x1 5/8" steel angle.
 - 3. Hinge: Heavy duty continuous concealed piano hinges.
 - 4. Latch: Allen head security cam latches, at least 2.
- B. Fabricate units of continuous welded construction; weld, fill, and grind joints to assure flush and square unit.

2.3 SHOP FINISHING – Base Metal Protection: Phosphate dipped and prime coated.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Secure frames rigidly in place, plumb and level in opening, with plane of door and panel face aligned with adjacent finished surfaces.

3.2 SCHEDULES

- A. Access panel into drywall ceiling in Ticket Box Office: 24"x24".

END OF SECTION

SECTION 084113 -

ALUMINUM-FRAMED ENTRANCE, STOREFRONT, CURTAINWALL

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes aluminum-framed entrances including aluminum storefront, aluminum doors and miscellaneous hardware.
- B. Related Sections:
 - 1. Division 26 – Electrical: requirements for electrical power to door hardware.

1.2 PERFORMANCE REQUIREMENTS

- A. System Design: Design and size components to withstand dead and live loads caused by positive and negative wind pressure acting normal to plane of wall, including building corners.
 - 1. As calculated in accordance with Kentucky Building Code, as measured in accordance with ASTM E330.
- B. Deflection: Limit mullion deflection to 1/175 for spans under 13'-6" and 1/240 plus 1/4" for spans over 13'-6" flexure limit of glass; with full recovery of glazing materials.
- C. System Assembly: Accommodate without damage to components or deterioration of seals, movement within system, movement between system and peripheral construction, dynamic loading and release of loads, deflection of structural support framing.
- D. Air Infiltration: Limit air leakage through assembly to 0.06 cfm/min/sq ft of wall area, measured at reference differential pressure across assembly of 1.57 psf as measured in accordance with AAMA 501. Limit air leakage to .50 cfm per foot of perimeter crack length for single door.
- E. Condensation Resistance Factor: CRF of not less than 50 when measured in accordance with ASTM 1503.1.
- F. Water Leakage: None, when measured in accordance with AAMA 501 with test pressure difference of 20 percent of design pressure, with minimum differential of 2.86 lbf/sq ft and maximum of 12.00 lbf/sq ft.
- G. Thermal Transmittance of Assembly (Excluding Entrances): Maximum U Value of 0.63 Btu/sq ft per hour per deg F when measured in accordance with AAMA 1503.

- H. Thermal and Solar Heat Transmittance of Assembly (U Value and SHGC): Comply with ICC IEEC for climate zone in which project is located.
- I. Expansion / Contraction: Provide for expansion and contraction within system components caused by cycling temperature range from -20 degrees F to 180 degrees F over 12 hour period without causing detrimental effect to system components and anchorage.
- J. System Internal Drainage: Drain water entering joints, condensation occurring in glazing channels, or migrating moisture occurring within system, to exterior by weep drainage network.
- K. Seismic Loads: Design and size components to withstand seismic loads and sway displacement as calculated in accordance with applicable code.
- L. Air and Vapor Seal: Maintain continuous air barrier and vapor retarder throughout assembly, primarily in line with [inside] pane of glass and heel bead of glazing compound. [Position thermal insulation on exterior surface of air barrier and vapor retarder.]

1.3 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures.
- B. Product Data: Submit component dimensions, describe components within assembly, anchorage and fasteners, glass and infill, [door hardware,] and internal drainage details.
- C. Manufacturer's Certificate: Certify products meet or exceed specified requirements.

1.4 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing aluminum glazing systems with minimum five years documented experience, and with service facilities within 100 miles of Project.
- B. Installer: Company specializing in installation of institutional aluminum storefront assemblies with minimum five years documented experience. Contractor shall provide list of at least 3 projects of similar scope.

1.5 PRE-INSTALLATION MEETINGS

- A. Section 01 30 00 - Administrative Requirements: Pre-installation meeting.

1.6 DELIVERY, STORAGE, AND PROTECTION

- A. Protect finished aluminum surfaces with wrapping and strippable coating. Do not use adhesive papers or sprayed coatings which bond when exposed to sunlight or weather.

1.7 COORDINATION

- A. Coordinate the Work with installation of electrical power requirements.

1.8 WARRANTY

- A. Section 01 70 00 - Execution Requirements: Product warranties and product bonds.
- B. Correct defective work within a five-year period after Substantial Completion.
- C. Storefront Assembly and Window Units to be single source from same manufacturer and covered by same warranty.
- D. Entrance, Storefront and Doors: Furnish the following manufacturer warranties:
 - 1. Glazed units – ten (10) years.
 - 2. Door and Storefront Framing – two (2) years.
 - 3. Finish – ten (10) years.
 - 4. Hardware – one (1) year.

PART 2 PRODUCTS

2.1 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

- A. Manufacturers:
 - 1. Vistawall – Series 3000 Thermal Multiplane, front set, outside glazed w/ thin stile door 3E [historic building], thermally broken.
 - 2. Kawneer
 - 3. EFCO Corp.
 - 4. Substitutions: Section 01 60 00 - Product Requirements.
- B. Product Description – Exterior Thermally Broken System:
 - 1. Aluminum Frame: Thermally broken; flush glazing stops; drainage holes; internal weep drainage system. Front set glazing, outside glazed. 2" x 4½"
 - 2. Doors [Historic Building] Aluminum framed thin stile glass doors: 1 ¾" inches thick, 4 ½ inch wide top rail and side stiles, 8 inch wide bottom rail.
 - 3. Door Jamb and Head Frames: to match existing adjacent frames.

2.2 MISCELLANEOUS COMPONENTS

- A. Extruded Aluminum: 6063 alloy, T5 temper typical, 6061 alloy, T6 temper for extruded structural members.
- B. Insulating Glass: Sealed Low E double pane units, "LOW -E" UV coating.
- C. Hardware: The door hardware shall be provided as Specified in Section 08 71 00 – Door Hardware and installed by the aluminum door manufacturer.
- D. Sealant and Backing Materials:
 - 1. Sealant Used Within System (Not Used for Glazing): Manufacturer's standard materials to achieve weather, moisture, and air infiltration requirements.
 - 2. Perimeter Sealant: Specified in Section 07 90 00.
- E. Fasteners: Stainless steel.
- F. Sealant and Backing Materials: Furnish sealants and backing materials complying with requirements specified in Section 07 90 00 of Types described below.
 - 1. Perimeter Sealants: [Silicone] [Multi-component polyurethane] [Multi-component polysulfide].
 - 2. Sealant Used within System (Not Used for Glazing): Manufacturer's standard types for specific applications.
 - a. Sealants and Sealant Primers: Maximum volatile organic compound content in accordance with SCAQMD Rule 1168.

2.3 SHOP FINISHING - "Color – anodized aluminum to match existing frames & doors.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01 30 00 - Administrative Requirements: Coordination and project conditions.

3.2 INSTALLATION – ALUMINUM STOREFRONT

- A. Install wall system in accordance with AAMA MCWM-1 - Metal Curtain Wall, Window, Store Front and Entrance - Guide Specifications Manual.
- B. Install hardware using templates provided. Refer to Section 08710 for installation requirements.

- C. Coordinate attachment and seal of perimeter air barrier and vapor retarder materials.
- 3.3 ERECTION TOLERANCES - Section 01 40 00 - Quality Requirements: Tolerances.
- 3.4 ADJUSTING - Adjust operating hardware for smooth operation.
- 3.5 CLEANING - Section 01 70 00 - Execution Requirements: Final cleaning.
- 3.6 SCHEDULES – refer to Drawing Sheets and Hardware Spec Section 087100.

END OF SECTION

SECTION 087100 - FINISH HARDWARE

PART 1 – GENERAL

1.01 SUMMARY:

- A. Furnish and deliver all items of finish hardware required to adequately trim and hang all doors, also hardware as specified and as enumerated in "Set Numbers" and as indicated and required by actual conditions at the building. The hardware shall include the furnishing of all necessary screws, bolts, special bolts, expansion shields and other devices necessary for the proper application of the hardware.

1.02 SUBMITTALS:

A. Product Data:

Provide a catalog cut, clearly marked and identified, illustrating and describing each product included in the hardware schedule. Formulate these catalog cuts into sets and include a set with each copy of the hardware schedule submitted.

B. Samples:

If so requested by the Architect, provide a sample of any product or item requested, properly marked and tagged, for the opening for which it is intended. After examination and approval by the Architect, the sample shall be turned over to the General Contractor, for incorporation into the project.

C. Templates:

Upon "Approved" copies of the hardware schedule, provide a complete "Template List". Further and upon request, provide copies to manufacturers or trades, whose work includes preparation of their products, to receive hardware. Provide copies of all such transmittals to the contractor, for their files. If physical samples are required, the manufacturer may request it from the general contractor and assume all responsibility of shipping it complete to the project.

D. Keying:

The hardware supplier shall meet with owner and/or architect to establish keying requirements. Provide a keying schedule, listing the levels of keying, (GMKD, MKD, Keyed alike, etc.) as well as an explanation of the key's function, the symbols used and the numbers of the doors controlled. This shall be provided in reference to the Door and Hardware Institute's manual "Keying Systems and Nomenclature". Also in conjunction the Door Index/Keying Schedule (which lists the door number, schedule heading, lock type and individual key symbol and remarks or special instructions) mentioned in paragraph "B", Schedules.

E. Wiring Diagrams:

F. Operations and Maintenance Data:

1.02 QUALITY ASSURANCE:

A. References:

Door hardware in this section shall meet the following standards as established by and the standard latest revision will be effect:

1. The Door and Hardware Institute (DHI) Various Publications

2. American National Standards (ANSI)/Builders Hardware Manufacturer Association (BMHA)
3. National Fire Prevention Association (NFPA)
 - a. NFPA 80 Standard for Fire Doors and Fire Windows
 - b. NFPA 101 Life Safety Code
 - c. NFPA 105 Smoke and Draft Control Door Assemblies
4. CABO/ANSI A117.1 Accessible and Usage Buildings and Facilities
5. Underwriters Laboratories (UL)
 - a. UL 10C – Fire Tests of Door Assemblies
 - b. UL 305 – Panic Hardware
6. Applicable State and Local Building Codes
7. American Disabilities Act (ADA) – 1990 Civil Law

B. Substitutions:

Requests for substitutions will require architects approval and must be made in accordance with Division 01. Provide sample if requested. Substitution item will be reviewed and if approved it will be listed in an addendum prior to bid date.

C. Supplier Qualification:

The hardware supplier must be engaged currently in the furnishing, delivery and servicing of contract builders hardware. The firm shall have been furnishing hardware on similar projects in the vicinity for not less than five (5) years. The supplier must employ a certified Architectural Hardware Consultant (AHC) qualification and be available at reasonable times during the course of this project for consultation with the owner, architect and general contractor.

D. Single source responsibility: Obtain each type of hardware (latches and locks, hinges, exit devices, door closers, etc) from a single manufacturer.

E. Electronic Security Hardware:

When electrified hardware is included in the hardware specification, the hardware supplier must employ an individual knowledgeable in electrified components and systems, who is capable of producing wiring diagrams and consulting as needed. Coordinate installation and technical data of the electronic security hardware with Architect, electrical engineers and other related contractors. Upon completion of the electronic security hardware installation, verify that components are working properly, and state in the required guarantee that this inspection has been performed. Provide electrical door hardware from the same source manufacturer as the mechanical door hardware.

A.01 DELIVERY, STORAGE, AND HANDLING:

A. Marking and packaging:

All items of hardware shall be delivered to the job site, in the manufacturer's original packages, they shall be marked to correspond with approved hardware schedule, item number, heading number, door number and key sets symbols. Include installation instructions with each piece of hardware.

B. Delivery:

The hardware supplier shall coordinate delivery with general contractor, in order to compile a mutually beneficial delivery schedule, which imposes no hardship on either party. Some items of the hardware may be delivered to fabricators for factory installation in such case, the general contractor shall be advised of such shipments, along with copies of shipping tickets and any other documentation, thus transferring responsibility to the manufacturer or fabricator, for care of said hardware. Any delivery fees will be in the quoted price of the material.

B. Storage:

Hardware is to be delivered to the job site and stored in a clean dry, secure area, with adequate strong shelving. If requested by the contractor, the hardware supplier shall send a representative to the job site to “assist” the check in and laying-out of the hardware on the shelves. A representative of the contractor MUST be present. At this time any installation tips or special instructions will be reviewed.

A.02 WARRANTY:

A. Starting date for all warranty periods will be from the date of substantial completion.

B. All material must carry a limited warranty against defects in workmanship and materials from the date of acceptance of the project as follows.

1. Door Closers: at least ten (10) year warranty, except electronic closers, two (2) years
2. Exit Devices: at least three (3) year warranty, except electrified devices, one (1) year.
3. Locksets: at least seven (7) year warranty, except electrified devices, one (1) year.
4. Hinges: life of the building.
5. Balance of the hardware: one (1) year.

C. Products judged to be defective during the warranty period will be replaced or repaired in accordance with the manufacturers warranty at no additional cost to the owner. However, NO warranty against defects due to improper installation or failure to exercise normal maintenance.

A.03 MAINTENANCE:

A. Maintenance service:

If there are any products listed hereinafter that normally require a maintenance or service contract, provide the owner with details and costs of said contract.

B. Maintenance Tools and Instructions:

Furnish a complete set of specialized tools and maintenance instructions as needed for the owners continued adjustment, maintenance, and removal and the replacement of door hardware.

PART 2 – PRODUCTS

2.01 Manufacturers:

- A. The following manufacturers listed in 2.02 Materials have been selected for this project, whose products numbers have been used in the preparation for this specification.
- B. Note that even though an acceptable substitute manufacturer may be listed, the product must provide all the functions and features of the specified product or it will not be approved.
- C. Where the exact types of hardware specified are not adaptable to the finished shape or size of the members requiring hardware, furnish suitable types having as nearly as possible the same operation and quality as the type specified, subject to Architect's approval.

2.02 Materials:

A. Screws and Fasteners:

Provide all screws and fasteners of the proper size and type to properly anchor or attach the item of hardware they are intended for. Provide all fasteners with Phillips head, do not use through-bolts for installation where bolt head or nut on opposite face is exposed in other work unless their use is the only means of reinforcing the work adequately to fasten the hardware securely.

B. Pivots:

All pivots and/or pivot sets shall be the product of one manufacturer. Sets as noted in the hardware sets shall be matching in design for both labeled fire doors, lead-lined doors and standard doors. Pivots for 20-minute fire doors shall be non-ferrous and match the finish of adjacent hardware. All pivots sets are required to meet ANSI grade one standard as listed in ANSI 156.4.

- 1) Pivots specified Ives (IVE), approved acceptable substitute McKinney, Rixson

C. Continuous Hinges:

Hinges shall be manufactured of three interlocking components, two hinge leafs and one cover channel. The door leaf and jamb leaf shall be geared together for the entire length of the hinge, and joined by a cover channel. The pinless assembly of three interlocking extrusions shall be applied to the full height of the door and frame without mortising. All aluminum components are to be anodized. All hinges shall carry Underwriters Laboratory certification, up to and including all 90 minute applications for wood doors, as well as 3 hour applications for all fire rated hollow metal doors.

- 1) Continuous Hinges specified Ives (IVE), approved acceptable substitute Hager Roton, McKinney, Select

D. Mortise Locks:

- 1) Locks shall be ANSI A156.13, Grade 1 Operational, and manufactured from heavy gauge steel, containing components of steel with a zinc dichromate plating for corrosion resistance. Lock case shall be multi-function and field reversible for handing without opening the case. Cylinders: Refer to 2.04 KEYING.
- 2) Locks to have a standard 2-3/4" backset with a full 3/4" throw stainless steel mechanical anti-friction latch bolt. Deadbolt shall be a full 1" throw, constructed of stainless steel.
- 3) Provide standard ASA strikes unless extended lip strikes are necessary to protect trim.
- 4) Provide electrical options as scheduled. Provide electrified locksets with micro switch (RX) option that monitors the retractor crank, and is actuated when rotation of the inside or outside lever rotates the retractor hub. Provide normally closed contacts or normally open contacts as required by security system. All electrification and or additional switches shall be added to the mortise lock by the manufacturer of the mortise lock. Electric and Non-Electric additions to the mortise lock by a second manufacturer that void the warranty of the mortise lock manufacturer will not be acceptable.
- 5) Lever trim shall be cast or forged in the design specified, with 2-1/8" diameter roses with wrought roses and external lever spring cages. Levers shall be thru-bolted to assure proper alignment, and shall have a 2-piece spindle. Levers to be thru-bolted to assure proper alignment. Trim shall be applied by threaded bushing "no exposed screws".

- 6) Lever trim on the secure side of doors serving rooms considered by the authority having jurisdiction to be hazardous shall have a tactile warning.
- 7) Locks meeting this specification: Schlage (SCH) L9000 x 18A approved acceptable substitute Yale 8800LN x VIR

E. Exit Devices:

- 1) Exit devices shall be touch pad type, fabricated of brass, bronze, stainless steel, or aluminum, plated to the standard architectural finishes to match the balance of the door hardware.
- 2) Exit devices shall be tested to ANSI/BHMA A156.3 test requirements by a BHMA certified laboratory. A written certification showing successful completion of a minimum 1,000,000 cycles must be provided.
- 3) All exit devices shall incorporate a fluid damper or other device, which eliminates noise associated with the standard operation.
- 4) Touch pad shall extend a minimum of one half of the door width. Maximum unlatching force shall not exceed 15 pounds. End-cap will have three-point attachment to the door. Touch pad shall match exit device finish, and shall be stainless steel for US26, US26D, US28, US32, and US32D finishes.
- 5) Only compression springs will be used in devices, latches, and outside trim and/or controls.
- 6) All lever design shall match mortise lock lever designs.
- 7) All devices to incorporate a security dead-latching feature.
- 8) Provide roller strikes for all rim and surface mounted vertical rod devices, ASA strikes for mortise devices, and manufacturer's standard strikes for concealed vertical rod devices.
- 9) Device mechanism case and bar shall sit flush on the face of all flush doors, or spacers shall be furnished to fill gaps behind devices. Where glass trim or the moulding projects off the face of the door, provide glass bead kits.
- 10) Exit devices shall be UL listed panic exit hardware. All exit devices for fire rated openings shall be UL labeled fire exit hardware.
- 11) Provide electrical options as scheduled.
- 12) Exit devices; Von Duprin (VON) 33A/99 series

F. Cross Bars Exit Devices:

- 1) Exit devices shall be cross bar type, fabricated of brass, bronze, stainless steel, or aluminum, plated to the standard architectural finishes to match the balance of the door hardware.
- 2) All lever design shall match mortise lock lever designs.
- 3) Exit devices shall be UL listed panic exit hardware. All exit devices for fire rated openings shall be UL labeled fire exit hardware.

4) Exit devices; Von Duprin (VON) 55 series

G. Low Energy Power Operators:

- A. Where low kinetic energy, as defined by ANSI Standard A156.19, power operators are indicated for doors required to be accessible to the disabled, provide electrically powered operators complying with the 1990 ADA codes for opening force and time to close standards.
- B. Full closing force shall be provided when the power or assist cycles ends.
- C. All power operators systems shall include to following features and function:
 - 1) Provision for separate conduits to carry high and low voltage wiring in compliance with the National Electrical Code, section 725-31
 - 2) When an obstruction or resistance to the opening swing is encountered, the operator will pause, and then reattempt to open the door. If the obstruction or resistance remains, the operator will again pause the door.
 - 3) The operator will be designed to prevent damage to the mechanism if the system is actuated while the door is latched or the door is forced close during the opening cycle.
 - 4) All covers, mounting plates and arm systems shall be power coated and successfully pass a minimum of 100 hours of testing as outlined in ANSI Standard A156.18.
 - 5) UL listed for use on labeled doors.

All electrically powered operators shall include the following features or functions:

- 1) When an obstruction or resistance to the opening swing is encountered, the operator will pause, and then reattempt to open the door. If the obstruction or resistance remains, the operator will again pause the door.
- 2) Easily accessible main power and maintain hold open switches will be provided on the operator.
- 3) An electronically controlled clutch to provide adjustable opening force.
- 4) A microprocessor to control all motor and clutch functions.
- 5) An on-board power supply capable of delivering 12 volt and 24-volt outputs up to a maximum of 1.0 ampere combined load.
- 6) Slow blow fuses shall be easily replaceable without special tools or component replacement.

Automatic operators; LCN (LCN) 4642 series

H. Overhead Stops/Holders:

Overhead door stops and holders; surface or concealed at the top of the door shall have shock absorber in extruded stainless steel case. Hold open and shock absorber feature that automatically engages and releases the door. Sliding member in the channel shall have accessible adjustment screw to regulate hold open tension.
Overhead stops/holders specified Glynn-Johnson (GLY), approved acceptable substitute Sargent, Rixson

I. Thresholds and Gasketing:

Furnish as specified and per details. Match finish of other items as closely as possible. Provide only those units where resilient or flexible seal strip is easily replaceable and readily available. Threshold, sweep and weather-stripping will be supplied to weather proof the exterior doors. The thresholds will be supplied to fit the particular sill conditions and not conflict with the American Disabilities Act (ADA). Exterior pairs of doors will have split astragal to prevent air infiltration. Interior doors may require gasketing, thresholds and sweeps to act as a sound barrier per the owner's request.

- B. Review with the architect the mounting locations of various items of hardware in accordance with the Door and Hardware Institute's (DHI), "Recommended Locations for Architectural Hardware" for standard and custom steel doors and frames, and DHI's WDHS-3 for flush wood doors. Special attention to be given to all special and unusual conditions. All hardware shall be installed by carpenter mechanics skilled in the application of said hardware.
- C. Install each hardware item in compliance with the manufacturer's instructions and recommendations, using only the fasteners provided by the manufacturer.
- D. Set thresholds for exterior doors in a full bed of butyl-rubber or polyisobutylene mastic sealant.

3.03 Field Quality Control:

After all hardware has been installed, provide the services of a qualified hardware consultant to check for proper installation of hardware, according to the "Approved" hardware and keying schedule's. Also, check the operation and adjustment of all hardware items in accordance with the manufacturer's recommendations.

3.04 Adjusting and Cleaning:

At final completion, hardware shall be left clean and free from disfigurement. Make final adjustment to all door closers and other items of hardware. Where hardware is found defective, repair or replace or otherwise correct as directed.

3.05 Protection - Damaged or disfigured hardware shall be replaced or corrected by the responsible party.

3.06 Hardware Schedule:

- A. Provide hardware for each door to comply with requirements of this section "Finish Hardware" hardware set numbers indicated in the door schedule, and in the following schedule of hardware sets.
- B. It is intended that the following schedule includes all items of the finish hardware necessary to complete the work. If a discrepancy is found in the schedule, such as a missing item, improper hardware for a frame, door or fire codes, it shall be the responsibility of the hardware supplier to supply the proper materials.
- C. HARDWARE SETS:

Hardware Group No. 01A

Qty		Description	Catalog Number	Finish	Mfr
1	EA	PIVOT SET	7215F-WP SET	630	IVE
1	EA	INTERMEDIATE PIVOT	7215F-WP INT	630	IVE
1	EA	PANIC HARDWARE	55-EO	626	VON
1	EA	DOOR PULL	REUSE FROM EXISTING		B/O
1	EA	OH STOP	100S	630	GLY
1	EA	AUTO OPERATOR	4642	689	LCN
2	EA	ACTUATOR, JAMB	8310-818T	630	LCN
1	EA	DOOR SWEEP	8198AA	AA	ZER
1	EA	THRESHOLD	655A-MSLA-10	A	ZER

Perimeter weather seals provided by Aluminum Section.

Description of Operation:

Free Egress at all times. Pressing Push Bar retracts latchbolt. Dogging by hex key, locks down the crossbar so the latchbolt remains retracted.

Turn on switch on operator. Automatically Opens & Closes Door.

Hardware Group No. 01B (alternate option)

Qty		Description	Catalog Number	Finish	Mfr
1	EA	PIVOT SET	7215F-WP SET	630	IVE
1	EA	INTERMEDIATE PIVOT	7215F-WP INT	630	IVE
1	EA	PANIC HARDWARE	55-EO-LS	626	VON
1	EA	ELECTRIC STRIKE	6300 FSE	630	VON
1	EA	DOOR PULL	REUSE FROM EXISTING		B/O
1	EA	OH STOP	100S	630	GLY
1	EA	AUTO OPERATOR	4642	689	LCN
2	EA	ACTUATOR, JAMB	8310-818T	630	LCN
1	EA	DOOR SWEEP	8198AA	AA	ZER
1	EA	THRESHOLD	655A-MSLA-10	A	ZER
1	EA	DESK RELEASE BUTTON	15-2-3	BLK	SDC
1	EA	POWER SUPPLY	PS902 900-4RL	LGR	VON

Perimeter weather seals provided by Aluminum Section.

Description of Operation:

Free Egress at all times. Pressing Push Bar retracts latchbolt. Dogging by hex key, locks down the crossbar so the latchbolt remains retracted.

Pressing the momentary switch on the desk release button will release electric strike and make the exterior ADA actuator active.

Toggle switch on the desk release button will release electric strike and make the exterior ADA actuator active for sustained bypass.

Inside ADA actuator always to be active. Pressing actuator will release electric strike and open the door. Automatically Opens & Closes Door.

END OF SECTION - 08 71 00 Finish Hardware

SECTION 092116 - GYPSUM BOARD ASSEMBLIES

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes metal stud wall framing; metal stud soffit framing; metal channel & tee ceiling framing and accessories; gypsum board, primer-surfacer and joint treatment.
- B. Gypsum Association:
 - 1. GA 214 - Recommended Levels of Gypsum Board Finish.
 - 2. GA 216 - Application and Finishing of Gypsum Board.
 - 3. GA 600 - Fire Resistance Design Manual Sound Control.

1.2 PERFORMANCE REQUIREMENTS

- A. Conform to Kentucky Building Code for fire rated assemblies.

1.3 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures.
- B. Product Data: Submit data on metal framing, gypsum board, joint tape; acoustic accessories.

1.4 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum five years documented experience.
- B. Installer: Company specializing in performing Work of this section with minimum ten years documented experience.

PART 2 PRODUCTS

2.1 GYPSUM BOARD ASSEMBLIES

- A. Manufacturers:
 - 1. United States Gypsum Co. (basis of design)
 - 2. National Gypsum Co.
 - 3. Celotex Building Products
 - 4. G-P Gypsum Corp.
 - 5. Knauf
 - 6. Substitutions: Section 01 60 00 – Product Requirements

2.2 COMPONENTS

- A. Framing Materials:
 - 1. Studs and Tracks: ASTM C645; GA-216 and GA-600; galvanized sheet steel, 20 gauge (min.) for all vertical surfaces scheduled for reinforced gypsum board and 25 gauge for all above ceiling and soffit applications.
 - 2. Furring, Framing, and Accessories: ASTM C645. GA-216 and GA-600, of same material as studs and tracks.
 - 3. Fasteners: ASTM C1002 and GA-216. Size and type recommended by manufacturer and suited to specific application.
 - 4. Adhesive: ASTM C557 and GA-216.
- B. Gypsum Board Materials:
 - 1. 5/8" Standard Gypsum Board – Interior Soffits & Ceilings: ASTM C36; 5/8 inch thick, maximum available length in place; ends square cut, tapered edges.

2.3 ACCESSORIES

- A. Acoustic Sealant: Non-hardening, non-skinning, for use in conjunction with gypsum board.
- B. Corner Beads:
 - 1. Metal for all standard and moisture resistant wallboard systems.
 - 2. No Coat Structural Corner for Abuse Resistant and Hi-Impact wallboard systems.
- C. Joint Materials: ASTM C475 and GA-216; reinforcing tape, joint compound, adhesive, and water.
- D. Primer-surfacer: Provide full coat of gypsum board manufacturer's primer-surfacer for increased abrasion resistance.
 - 1. USG, Sheetrock Brand "Tuff-Hide" or equal.
- E. Fasteners: ASTM C1002, Type S12 and GA-216.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Metal Stud Installation:
 - 1. Install studs in accordance with ASTM C754, GA-216 and GA-600.
 - 2. Metal Stud Spacing: 16 inches on center unless otherwise specified on the drawings.
 - 3. Blocking: Nail wood blocking to studs. Bolt or screw steel channels to studs.

- B. Gypsum Board Installation:
 - 1. Install gypsum board in accordance with GA-216 and GA-600.
 - 2. Erect single layer standard gypsum board in most economical direction, with ends and edges occurring over firm bearing.
 - 3. Erect single layer fire rated gypsum board vertically, with edges and ends occurring over firm bearing.
 - 4. Use screws when fastening gypsum board to metal furring or framing.
 - 5. Treat cut edges and holes in moisture resistant gypsum board with sealant.
 - 6. Place corner beads at all external corners. Use longest practical length. Place edge trim where gypsum board abuts dissimilar materials.

- C. Joint Treatment:
 - 1. Finish in accordance with GA-214 Level 5 unless otherwise specified.
 - 2. Feather coats on to adjoining surfaces so that camber is maximum 1/32 inch.
 - 3. Fill and finish joints and corners of cementitious backing board.

3.2 ERECTION TOLERANCES

- A. Maximum Variation of Finished Gypsum Board Surface from Flat Surface: 1/8 inch in 10 feet.

3.3 SCHEDULES

- A. Finishes in accordance with GA-214 Level:
 - 1. Level 5: Walls exposed to view.
 - 2. Level 4: Ceilings exposed to view.

END OF SECTION

SECTION 099000 - PAINTING AND COATING

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes surface preparation and field application of paints and other coatings.

1.2 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures.

1.3 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum five years documented experience.
- B. Applicator: Company specializing in performing work of this section with minimum five years documented experience.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Section 01 60 00 - Product Requirements: Product storage and handling requirements.
- B. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- C. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.

1.5 SEQUENCING

- A. Sequence application to the following:
 - 1. Do not apply finish coats until paintable sealant is applied.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- B. PPG – to meet no VOC paint requirements
- C. Sherwin Williams - Harmony
- D. Benjamin Moore – Natura
- E. Substitutions: Section 01 60 00 – Product Requirements

2.2 MATERIALS

- A. Coatings: Ready mixed, except field catalyzed coatings. Prepare pigments:
 - 1. To a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating.
 - 2. For good flow and brushing properties.
 - 3. Capable of drying or curing free of streaks or sags.
- B. Accessory Materials: Linseed oil, shellac, turpentine, paint thinners and other materials not specifically indicated but required to achieve the finishes specified; commercial quality.
- C. Patching Materials: Latex filler.
- D. Fastener Head Cover Materials: Latex or Epoxy filler.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01 30 00 – Administrative Requirements: Coordination and project conditions.
- C. Examine surfaces scheduled to be finished prior to commencement of work. Test existing paint finishes to ensure compatible with new. Report any condition that may potentially affect proper application.
- D. Test shop applied primer for compatibility with subsequent cover materials.
- E. Measure moisture content using an electronic moisture meter. Do not apply finishes unless material moisture content is below manufacturer's recommendations.

3.2 PREPARATION

- A. Surface Appurtenances: Remove electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing.
- B. Marks: Seal with shellac those which may bleed through surface finishes.
- C. Gypsum Board Surfaces: Fill minor defects with filler compound. Spot prime defects after repair.
- D. Shop Primed or Previously Painted Steel Surfaces: Sand, scrape or pressurized spray to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Hard and glossy surfaces should be abraded. Clean surfaces with solvent. Prime bare steel surfaces.

3.3 APPLICATION

- A. No spray painting / application allowed. All painted surfaces are to be brush cut and rolled.
- B. Apply products in accordance with manufacturer's instructions.
- C. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- D. Apply each coat to uniform appearance (one primer and 2 finish coats: 5-6 mils wet film finish each). Apply each coat of paint slightly darker than preceding coat with 0% tint in primer, 50% tint in first Finish coat and 100% tint in second Finish coat.
- E. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.

3.7 SCHEDULE - INTERIOR SURFACES

All systems to be low odor/low VOC materials to meet LEED requirements

- 3.8 SCHEDULE - Refer to Drawings. Work includes notes shown and where any existing or new surface is touched or installed during this scope of work.

END OF SECTION

Item No.	Description w/Unit Bid Price Written in Words	Unit	Total Bid Amount
1.	Lump Sum: Replace Doors at Lyric Theater per specifications. <u>Fourteen thousand six hundred</u> Dollars <u>Zero</u> Cents	LS	\$ <u>14,600.00</u>

ALTERNATE 1 : Add \$1,500.00 for Alternate Hardware Group No. 01B