

Lansing School District  
Everett, Eastern and Sexton H. S.  
Science, Computer and Media  
Pleasantview Magnet -Café/Classroom  
Lansing, Michigan 48933

Lansing Bid : SO#1320  
PC Project No. 0106  
GMB Architects/Engineering  
Purchasing Concepts, Inc  
Holland, Michigan 49423

PROJECT MANUAL  
Lansing School District

Projects:

Everett H. S. – GMB-5307  
Eastern H. S. – GMB-5306  
Sexton H. S. - GMB-5309  
Pleasantview- GMB-5301

**Furniture and Furnishings**

Science, Computer, and Media Remodeling  
Cafetorium and Classroom

LSD Project- **SO# 1320**

GMB Architects & Engineering  
85 E. Eighth St.  
Holland, MI 49423  
(616) 796 0200

Purchasing Concepts, Inc.  
5641 Sugarberry Dr  
Kentwood, MI 49512  
(616) 871- 9645

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SECTION 0030

ADVERTISEMENT FOR BIDS

DATE: February 28, 2006

PROJECT: Lansing School District  
Everett, Eastern, and Sexton H. S.  
Science, Computer, and Media Classroom Remodeling  
Bid -. SO# 1320

OWNER: Lansing School District  
519 Kalamazoo  
Lansing, MI 48933

ARCHITECT: GMB Architects & Engineers

CONSULTANT: Purchasing Concepts, Inc.

BID DUE DATE: Until 2:00 pm local time on **March 10, 2006**, the Owner will receive sealed Bids for “ **Furniture**” for the Science, Computer , and Media Classrooms at Everett, Eastern, and Sexton High Schools and Pleasantview Magnet –Café and Classrooms

LSD Bid: SO# 1320 as set forth in the Bidding Documents at the following location:

If mailed or delivered:  
Lansing School District  
Purchasing Department  
519 Kalamazoo  
Lansing, MI 48933  
Attention: Celestine Hart  
Director of Purchasing

Bids will be publicly opened and read aloud at **2:00 P.M. on Friday, March 10, 2006**, in Room 109, at the above mentioned address.

ADVERTISEMENT FOR BIDS  
SECTION 0030

Lansing School District  
Everett, Eastern and Sexton H. S.  
Science, Computer and Media  
Pleasantview Magnet -Café/Classroom  
Lansing, Michigan 48933

Lansing Bid : SO#1320  
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Purchasing Concepts, Inc  
Holland, Michigan 49423

The Bidding Documents will be on file on and after February 28, 2006

Two sets of Bidding Documents will be furnished to the bidders at no charge by:

GMB Architects and Engineers  
85 Eighth St.  
Holland, MI 49423

or

Lansing School District  
Purchasing Dept.  
519 Kalamazoo  
Lansing, MI 48933

Each bid shall be accompanied by a certified check, cashier's check, money order or bid bond made payable to Lansing School District in an amount not less than five percent (5%) of the base bid as a Bid guarantee. A Performance Bond, Labor and Material Payment Bond may be required in the amount of 100% of the contract if is required by the District.

Withdrawal of any bid is prohibited for a period of sixty (60) days after the actual date of the opening thereof.

The Owner reserves the right to reject any or all bids, either in whole or in part, to reject a bid not accompanied by the required bid security or by other data required by the Bidding Documents or to reject a bid which is any way incomplete or irregular and to waive informality and irregularity in the bids and in the bidding.

The Owner reserves the right to accept alternates in any order or combination and to determine the low Bidder on the basis of the sum of the base bid and the alternates accepted.

END  
ADVERTISEMENT FOR BIDS  
SECTION 0030

SECTION 00100

INSTRUCTIONS TO BIDDERS

1. DEFINITIONS

A. The work: Contracts for:

Furniture and Furnishings  
LSD Bid: SO# 1320

for

Everett, Eastern, and Sexton High Schools  
Science, Computer, and Media Remodeling  
Pleasantview Elementary –Cafetorium and Classrooms  
519 Kalamazoo  
Lansing, MI 48933

B. A Bidder is a person or entity who submits a Bid.

C. A bid is a complete and properly signed proposal to do the work for the sums stipulated there in submitted in accordance with the bidding documents.

D. The Base Bid is the amount stated in the Bid for which the Bidder offers to perform the work as described in the Contract Documents as the base, to which work may be added to or deleted from, for the amounts stated in the Alternates.

E. An Alternate is an amount stated in the Bid to be added to or deducted from the amount of the Base Bid if the described Alternate is accepted.

F. A Unit Price is an amount stated in the Bid as a price per unit of measurement for materials, equipment or services or a portion of the work as described in the Contract Documents.

2. SECURING BIDDING DOCUMENTS

A Copies of the proposed Contract Documents may be obtained from Lansing School District and GMB Architects upon conditions set forth in the Advertisement for Bids.

B Drawings and specifications remain the property of the Owner

INSTRUCTION TO BIDDERS

### 3. BIDDING PROCEDURES

In order to receive consideration; make bids in strict accordance with the following:

1. Make bids upon the Bid Forms provided therefore, properly signed and with all items filled in by computer type or by hand in ink. Where indicated on bid form, amounts shall be expressed in both words and figures. In case of a discrepancy the amount stated in words shall govern.
  - a. All Alternates shall be bid. If no change in the Base Bid is required, enter "No Change".
  - b. Do not change the wording of the bid form, and do not add words to the bid form.
  - c. Unauthorized conditions, limitations, or provisions attached to the bid will be cause for rejection of the bid.
  - d. If alterations by erasure or interlineations are made for any reason, explain over such erasure or interlineations with a signed statement from the Bidder.
2. Telephonic, telegraphic or digital facsimile (FAX) bid or telephonic, telegraphic or digital facsimile (FAX) modification of a bid will not be considered. Bids received after the time fixed for receiving them will not be considered. Late bids will be returned to the bidder unopened.
3. Address bids to the Owner, and mail or deliver to Lansing School District Purchasing Department at one of the address given in the Advertisement for Bids on or before the day and hours set for opening the bids. Enclose each bid in a sealed envelope bearing the following:
  - a. **LSD Bid: SO# 1320 "FURNITURE"**, the name of the Bidder, date, and hour of the bid opening with the notation "SEALED BID ENCLOSED".
4. Submit bids in **TRIPPLICATE** signed copies.
5. It is the sole responsibility of the Bidder to see that their bid is received on time.
6. Properly identified bids received on time will be publicly opened and read aloud.
7. The Bidder in submitting a Bid represents that:
  - A.. The Bidder has read and understands the Bidding Documents and the Bid is made in accordance therewith.

### INSTRUCTION TO BIDDERS

8. The Bidder has examined any Drawings carefully, read the Specifications and all other proposed Contract Documents. The Bidder has informed himself prior to bidding as to existing conditions and limitations under which the Work is to be performed and included in their bid a sum to cover the cost necessary to perform the Work as set forth in the proposed Contract Documents. No allowance will be made to a Bidder because of a lack of such examination or knowledge. The submission of a bid will be considered as conclusive evidence that the Bidder has made such examination.
9. The Bid is based upon materials and systems required by the proposed Contract Documents without exception and without substitutions.

#### 4. BID SECURITY AND BONDS

- a. Each bid shall be accompanied by a certified check, cashier's check, money order or bid bond made payable to Lansing School District in an amount not less than five percent (5%) of the base bid as a proposal guarantee. Bid Bond shall be provided by a surety listed on the current U.S. Department of Treasury Circular 570.
- b. The successful bidder shall provide a Labor and Material Payment Bond and a Performance Bond each in the amount of one hundred percent (100%) of the contract amount if required by the Owner. Bonds shall be provided by a surety listed on the current U.S. Department of Treasury Circular 570.
- c. Should the Bidders refuse to enter into a Contract, the amount of the bid security shall be forfeited to the Owner as liquidated damages, not as a penalty.
- d. The Owner will have the right to retain the bid security of Bidders to whom an award is being considered until either the Contract has been executed or the specified time has elapsed so that the bid may be withdrawn or all Bids have been rejected.

#### 5. WITHDRAWAL OF BIDS

- a. Bidder may withdraw their bid, either personally or by written request, at any time prior to the scheduled time for opening bids.
- b. Bidders may not withdraw their bid for a period of sixty (60) calendar days after the date set for opening thereof, and bids shall be subject to acceptance by the Owner during this period.

#### 6. OWNER'S RIGHTS

The Owner reserves the right to reject any or all bids submitted either in whole or part, to reject a bid not accompanied by the required bid security or by other data required by the Bidding Documents or to reject a bid which is any way incomplete or irregular and to waive informality and irregularity in the bids and in the bidding.

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The Owner reserves the right to award separate contracts for each bid category and to award to more than one bidder in each bid category.

The Owner reserves the right to accept alternates in any order or combination and to determine the low Bidder on the basis of the sum of the base bid and the alternates accepted.

#### 7. EXECUTION OF AGREEMENT

The Bidder to whom the Contract is awarded shall, within ten (10) calendar days after notice of award and receipt of Agreement forms from the Owner, sign and delivery required copies to the Owner.

At or prior to delivery of the signed Agreement, the Bidder to whom the Contract is awarded shall deliver to the Owner those Certificates of Insurance required by the Owner.

Bonds and Certificates of Insurance shall be approved by the Owner before the successful Bidder may proceed with the Work. Failure or refusal to provide Bonds or Certificates of Insurance in a form satisfactory to the Owner shall subject the successful Bidder to loss of time from the allowable construction period equal to the time of delay in furnishing the required material.

#### 8. INTERPRETATION OF CONTRACT DOCUMENTS PRIOR TO BIDDING

- A. All questions should be submitted by E-Mail to Purchasing Concepts, Inc., Attention: Harriett Burns no later than **March 3**, 2006 at 12:00 noon. Email: Puconcept@aol.com.  
Questions will be answered by 5:00 pm on **March 6**, 2006.
- B. Interpretation or revisions of proposed Contract Documents will be made only by Addendum and will be E- mailed or faxed to all who are known by the Consultant to have received a complete set of Bidding Documents. The Architect, Consultant, or Owner will not be responsible for any other explanations or interpretations of the proposed Contract Documents. The addendum will be issued by March 7, 2006.
- C. Each Bidder shall ascertain prior to submitting his bid that he has received all Addenda issued and shall acknowledge their receipt on the Bid Form.

#### 9. TAXES

- A. All Bids in original contract work, and for all other work there under, shall include all applicable taxes, including social security unemployment, and sales or use taxes, and any other taxes specifically levied on the work or on wages by local, city, state, or federal government, except real property taxes on the site. Bids shall also include all premiums, assessments, and other like payments, charges, and costs incidental to the work covered by the contract documents.

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10. PERMITS AND FEES

No permits are required.

11. TIME OF COMPLETION

- A. Bidder, if awarded the Contract agrees to complete the Work between July 31, 2006 and August 7, 2006. **INSTALLERS MUST NOTIFY THE OWNER, CELESTINE HART, LANSING SCHOOL DISTRICT 48-72 HRS PRIOR TO SHIPMENT ARRIVAL. TELEPHONE: 517 325 6100.**

12. EQUAL OPPORTUNITY

- A. The Board of Education encourages minority and women owned businesses to participate in the bid process.
- B. The Lansing School District, as an Equal Opportunity Employer, complies with federal and state laws prohibiting discrimination, including Title IV and Title VII (with amendments) of 1972, Section 504 of the Rehabilitation Act of 1973 and Veterans Readjustment Act of 1974 as amended 38USC20-12. It is the policy of the school board that no person, on the basis of race, sex, height, weight, color, religion, national origin or ancestry, age, marital status, handicap or veteran status, shall be discriminated against in employment, education programs and activities, or admission. Inquiries or complaints should be addressed to Human Resources, 519 Kalamazoo, Lansing, Michigan 48933.

13. FAMILIAL RELATIONSHIP DISCLOSURE AFFIDAVIT

- A. Bidders shall complete Section 00400 "Supplement to Bid Form –" Familial Relationship Disclosure Affidavit" form and submit it with the Bid Form. Completion of this form is necessary under Michigan House Bill No. 5376. " All bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the bidder and any member of the Board of Education of the School District or the Superintendent of the School district. The Board of Education shall not accept a bid that does not include a sworn and notarized familial relationship disclosure statement."

14. LOCAL VENDOR:

Purchases will be made from Local area vendors in all cases where price and service are equal to or lower than vendors outside the Lansing School District and if in the judgment of the Director of Purchasing the quality is equal. In those cases where the local bid price exceeds the price of the vendors outside the Local area, and the advantage to the School District is service and/or deliverability, the vendor within the Local area shall be selected.

END OF  
INSTRUCTION TO BIDDERS  
SECTION 00100

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SECTION 00300  
BID FORMS

BID FOR: LOOSE FURNITURE

PROJECT: SCIENCE, COMPUTER LABS, AND MEDIA REMODELING  
EVERETT, EASTERN, AND SEXTON HIGH SCHOOLS  
PLEASANTVIEW ELEMENTARY-CAFETORIUM/CLASSROOMS  
LANSING SCHOOL DISTRICT

DATE: \_\_\_\_\_

BIDDER'S NAME \_\_\_\_\_

BIDDER'S ADDRESS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

BIDDER'S TELE ( ) \_\_\_\_\_

TO: Mrs. Celestine Hart  
Director of Purchasing  
Lansing School District  
519 Kalamazoo  
Lansing, Michigan 48933

Pursuant to and in compliance with Instructions to Bidders and other documents relating, thereto, the undersigned proposes and agrees to furnish loose furniture, labor for installation and perform all work necessary to complete the Furniture Contract for Everett, Eastern, and Sexton High Schools LSD Project SO# 1320, in accordance with the plans and specifications prepared by GMB A/E and Purchasing Concepts, Inc.

**NOTE:** The amount shall be shown in both words and figures. In case of discrepancy, the amount in words shall govern. **INSTALLERS MUST BE PAID PREVAILING WAGES.**  
**The Prevailing Wage Rate Schedule can be accessed through <http://www.michigan.gov>**  
Click on Wage and Hour Division.

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BID FORMS

**BASE BID FOR SINGLE STUDENT STUDY TABLE (FCF-001)**

Lump sum bid as indicated in specifications for FCF-001

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR COMBO /DESK WITH TABLET ARM (FCF-001B)**

Lump sum bid as indicated in specifications for FCF-001B

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR DOUBLE STUDENT STUDY TABLE(FCF-001A)(60 x 36)**

Lump sum bid as indicated in specifications for FCF-001A

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID SCIENCE TABLES-EPOXY RESIN(FS-002) 60 x 24**

Lump sum bid as indicated in specifications for FS-002.

MFG \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FS-002**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

BID FORMS

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**BASE BID SCIENCE TABLES-EPOXY RESIN(FS-002A) 72 x 24**  
Lump sum bid as indicated in specifications for FS-002A.

MFG \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FS-002A**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID SCIENCE TABLES-EPOXY RESIN(FS-002B) 84 x 24**  
Lump sum bid as indicated in specifications for FS-002B.

MFG \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FS-002B**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR STANDARD TEACHER DESK(FS-003) 60 x 30**  
Lump sum bid as indicated in specifications for FS-003.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FS-003**

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**BASE BID FOR KIDNEY SHAPED TEACHER DESK with Casters(FS-003A)**  
Lump sum bid as indicated in specifications for FS-00A (.72 x 30)

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FS-003A**

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

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**BASE BID FOR TEACHER DESK (FS-003B)**

Lump sum bid as indicated in specifications for FS-003B) (72 x 24).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FS-003B**

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**BASE BID FOR COMPUTER DESKS (FSC-004)**

Lump sum bid as indicated in specifications for FSC-004. (36 x 30)

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-004B**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR CRESCENT SHAPED COMPUTER DESK/SHARED LEGS(FSC-004A)**

Lump sum as indicated in specifications for FSC-004. (42 x 36)

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR COMPUTER DESKS (FSC-004 B)**

Lump sum bid as indicated in specifications for FSC-004B. (36 x 24)

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-004B**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**BASE BID FOR HEXAGON COMPUTER TABLE (FSC-004 C)**

Lump sum bid as indicated in specifications FSC-004C.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-004C**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR COMPUTER TABLE- ROUND 60" (FSC-004D)**

Lump sum bid as indicated in specifications FSC-004D.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-004D**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR PRINTER STANDS (FSC-007) 36 X 30**

.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-007**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR PRINTER STANDS (FSC-007A ( 42x 24 )**

Lump sum bid as indicated in specifications FSC-007A.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-007A**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**BASE BID FOR PRINTER STANDS (FSC-007B ( 48 x 24 )**

Lump sum bid as indicated in specifications FSC-007B.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-007B**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR ADJUSTABLE STOOL( 24" – 33") FCF-005**

Lump sum bid as indicated in specifications FCF-005.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FCF-005**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR CPU SLING-(FSC-008)**

Lump sum bid as indicated in specifications (FSC-008).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS FSC-008.**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

**BASE BID FOR CAFETERIA TABLES- 16 STOOL (FCA-001)**

Lump sum bid as indicated in specifications for FCA-001)

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**BASE BID FOR CAFETERIA TABLES- 12 STOOL(FCA-001A)**

Lump sum bid as indicated in specifications FCA-001A.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR CAFETERIA TABLE-CONVERTIBLE BENCH (FCA-001B)**

Lump sum bid as indicated in specifications FCA-001B.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR LIBRARY READING TABLES (FME-001 (60 X 30 )**

Lump sum bid as indicated in specifications for FME-001

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

**BASE BID FOR LIBRARY READING TABLES (FME-001B )(60 X 36 )**

Lump sum bid as indicated in specifications for FME-001B

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

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**BASE BID FOR LIBRARY READING TABLES (FME-001A )(90 X 36 )**

Lump sum bid as indicated in specifications for FME-001A

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

**BASE BID FOR LIBRARY READING CHAIRS 18" WOOD/UPHOLSTERED SEAT (FME-002)**

Lump sum bid as indicated in specifications for FME-001A

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

**BASE BID FOR STUDY CARRELS- DOUBLE SIDE ( 96 X 72) (FME-003)**

Lump sum bid as indicated in specifications for (FME-003)

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR LIBRARY 42" SINGLE SIDE BOOKCASE METAL W/ WOOD END PANELS (FME-006)**

Lump sum bid as indicated in specifications for FME-006

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

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Science, Computer and Media  
Pleasantview Magnet -Café/Classroom  
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Purchasing Concepts, Inc  
Holland, Michigan 49423

**BASE BID FOR LIBRARY 42" BOOKCASE – DOUBLE SIDED METAL W/ WOOD END PANELS (FME-006A)**

Lump sum bid as indicated in specifications for FME-006A

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

**BASE BID FOR END PANELS-METAL SHELVING (FME-006B)**

Lump sum bid as indicated in specifications FME-006B

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR MAGAZINE DISPLAY WITH METAL SHELVES /WOOD END PANELS (FME-008)**

Lump sum bid as indicated in specifications FME-008

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR ALL WOOD BOOKCART-3 SHELF ( FME-009)**

Lump sum bid as indicated in specifications FME-009

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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BASE BID FOR STOOLS-SLEDBASE (FME-012)  
Lump sum bid as indicated in specifications FME-012

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

BASE BID FOR DICTIONARY STAND (FME-013)  
Lump sum bid as indicated in specifications FME-013

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

BASE BID FOR OPAC STAND-(FME-014)  
Lump sum bid as indicated in specifications FME-014

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

BASE BID FOR LAP TOP STORAGE (FME-015)  
Lump sum bid as indicated in specifications FME-015.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**BASE BID FOR METAL MEDIA SHELVING CANTILEVER (FME-016)**

Lump sum bid as indicated in specifications FME-016

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

ADD ON \_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

**BASE BID FOR END PANELS-METAL SHELVING (FME-016A)**

Lump sum bid as indicated in specifications FME-016A

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR SLED BASE CHAIR W/ARMS /UPHOLSTERED SEAT (FME-017)**

Lump sum bid as indicated in specifications FME-017

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR MOBILE CARTS W/10 TOTES (FPR-002)**

Lump sum bid as indicated in specifications FPR-002.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FPR-002**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**BASE BID FOR ATLAS STAND FME-018)**

Lump sum bid as indicated in specifications for FME-018

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_)

**BASE BID FOR FLAT FILES (FPR-004) 5 DRAWER**

Lump sum bid as indicated in specifications FPR-004.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FPR-004**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**FLAT FILE BASE (FPR-004A)**

Lump sum bid as indicated in specifications FPR-004A

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars \_\_\_\_\_).

**METAL STORAGE (FSR-001) 48 x12 x 84**

Lump sum bid as indicated in specifications FSR-001.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSR-001**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

STARTER UNIT \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

ADD ON UNIT \_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

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**METAL STORAGE (FSR-001A (48 x 24 x 84)**

Lump sum bid as indicated in specifications FSR-001A.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSR-001A**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

STARTER UNIT \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

ADD ON UNIT \_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**METAL STORAGE (FSR-001B (36 x 24 x 84)**

Lump sum bid as indicated in specifications FSR-001B.

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FSR-001A**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

STARTER UNIT \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

ADD ON UNIT \_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

**BASE BID FOR "L" SHAPED WORKSTATION 66 x 33/left return(FOF-002)**

Lump sum bid as indicated in specifications (FOF-002)

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS FOF-002**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**BASE BID FOR LATERAL FILE (FOF-005) 36"**

Lump sum bid as indicated in specifications (FOF-005).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR LATERAL FILE(FOF-005A) 42"**

Lump sum bid as indicated in specifications (FOF-005A).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR TABLES- SQUARE 42"(FOF-007)**

Lump sum bid as indicated in specifications (FOF-007).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR TABLES-MULTI USE (FOF-012)( 72 X 24)**

Lump sum bid as indicated in specifications (FOF-012).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**BASE BID FOR TABLES-MULTI USE (FOF-012A)( 72 X 30)**

Lump sum bid as indicated in specifications (FOF-012A).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR PERSONAL STORAGE(FOF-013)**

Lump sum bid as indicated in specifications (FOF-013).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**BASE BID FOR VERTICAL FILES (FOF-014) 4 Drawer**

Lump sum bid as indicated in specifications (FOF-014).

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**OFFICE DESK (TEACHER) W/PEDESTAL FILE- BOX/BOX/FILE (FOF-015A)**

Lump sum bid as indicated in specifications FOF-015A 60 x 24 w/overhead storage/flipper

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

**INSTALLATION COSTS F0F-015A**

\_\_\_\_\_ Dollars(\$ \_\_\_\_\_).

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**OFFICE DESK (TEACHER) W/PEDESTAL FILE- BOX/BOX/FILE (FOF-015)**

Lump sum bid as indicated in specifications FOF-015 60 x 30

MFG. \_\_\_\_\_

\_\_\_\_\_ Dollars(\$\_\_\_\_\_).

**INSTALLATION COSTS F0F-015A**

\_\_\_\_\_ Dollars(\$\_\_\_\_\_).

BID FORMS

**UNIT PRICES**

Bidders are asked to include the unit price for each item listed in the Furniture Schedule.

Said unit price must include all charges for materials, overhead and profit , insurance and taxes and all general conditions. Installation costs should be excluded from unit price.

FCF-001	Student Study Table/-Single	\$_____ /each
FCF-001A	Student Study Table –60 x 36	\$_____ /each
FCF-001B	Combo/Tablet Arm	\$_____ /each
FS-002	Science Tables 60 X 24	\$_____ /each
FS-002A	Science Tables 72 x 24	\$_____ /each
FS-002B	Science Tables 84 x 24	\$_____ /each
FS-003	Teacher Desk(Standard) 60 x 30	\$_____ /each
FS-003A	Teacher Desk(Kidney) w/casters (72 X 30)	\$_____ /each
FS-003B	Teacher Desk w/casters (72 x 24)	\$_____ /each
FSC-004	Computer Desk 36 x 30	\$_____ /each

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FSC-004B	Computer Desk 36 x 24	\$ _____/each
FSC-004A	Computer Desk/Crescent Shaped (42 X 36)	\$ _____/each
FSC-004C	Hexagon Computer Table(FSC-004C)	\$ _____/each
FSC-007	Printer Stand w/casters 36 x 30	\$ _____/each
FSC-007A	Printer Stand w/casters 42 x 24	\$ _____/each
FSC-007B	Printer Stand w/casters 48 x 24	\$ _____/each
FCF-005	Stools 24" – 33"	\$ _____/each
FSC-008	CPU Sling(Universal)	\$ _____/each
FCA-001	Cafeteria Tables-16 Stool	\$ _____/each
FCA-001A	Cafeteria Tables-12 Stool	\$ _____/each
FCA-001B	Cafeteria Tables-Conv. Bench	\$ _____/each
FME-001	Library Tables(Reading) 60 x 30	\$ _____/each
FME-001A	Library Tables(Reading)90 x 36	\$ _____/each
FME-002	Library Chairs-Reading 18"	\$ _____/each
FME-001B	Library Tables 96 x36	\$ _____/each
FME-006	Bookcase- 42" Single	\$ _____/each
FME-006A	End Panels/ FME-006	\$ _____/each
FME-006B	Bookcase – 42" Double	\$ _____/each
FME-008	Magazine Display Rack 42"	\$ _____/each
FME-009	Bookcart- 3 shelf	\$ _____/each

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FME-012	Stools-Sled base/upholstered	\$ _____/each
FME-013	Dictionary Stand	\$ _____/each
FME-014	OPAC Stand	\$ _____/each
FME-015	Lap Top Storage	\$ _____/each
FME-016	Metal Shelving-Cantilever 84"	\$ _____/each
	Add On	\$ _____/each
FME-016A	End Panels-Shelving	\$ _____/each
FME-017	Sled Base-Wood Frame	\$ _____/each
FME-018	Atlas Stand	\$ _____/each
FPR-002	Mobile Cart w/10 Totes	\$ _____/each
FPR-004	Flat Files 5- Drawer	\$ _____/each
FPR-004A	Flat Files Base	\$ _____/each
FSR-001	Metal Storage 48 X 12 X 84	\$ _____/each
	Add-On	\$ _____/each
FSR-001A	Metal Storage 48 X 24 x 84	\$ _____/each
	Add-On	\$ _____/each
FSR-001B	Metal Storage 36 x24 x 84	\$ _____/each
	Add-On	\$ _____/each
FOF-002	"L" Shaped Work Station	\$ _____/each
FOF-005	Lateral File 36"	\$ _____/each

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FOF-005A	Lateral File 42"	\$ _____/each
FOF-007	Tables-Sq. 42 x 42	\$ _____/each
FOF-012	Tables-Planner 72 x 24	\$ _____/each
FOF-012A	Tables-Planner 72 x 30	\$ _____/each
FOF-013	Personal Storage	\$ _____/each
FOF-014	Vertical Files- 4 drawer	\$ _____/each
FOF-015A	Teacher Desk 60 x 24- w/Overhead	\$ _____/each
FOF-015	Desk w/Pedestal File- Box/Box/File 60 x 30	\$ _____/each
	Custom Shelving -Sexton	\$ _____/each
	Add On	\$ _____/each
	Custom Shelving- Sexton	\$ _____each
	Add On	\$ _____each
	Custom Shelving -Sexton	\$ _____/each
	Add On	\$ _____/each
	Custom Shelving- Sexton	\$ _____each
	Add On	\$ _____

**PERFORMANCE BOND \$ \_\_\_\_\_**

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**STORAGE FEE**

Provide a monthly unit cost for storage of all furnishings should installation be delayed at the Owners request:

Storage Fee \$ \_\_\_\_\_/Month.

**PRICE HOLD**

Are you willing to hold pricing for New Pattengill Middle School due to open in **DEC 2006**. (Bid let in April 2006)

YES \_\_\_\_\_ NO \_\_\_\_\_

**TAXES**

The bidder shall include in their bid, all applicable Federal, State, and local taxes.

**BID SECURITY**

Accompanying this Bid is a certified check, cashiers check, money order or bid bond made payable to Lansing School District in the amount of 5% of Base Bid Total to be retained by the Owner as liquidated damages, if the undersigned fails to execute the contract within 10 days of award.

**ADDENDA**

The undersigned acknowledges the receipt of the following addenda.

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

**TIME OF DELIVERY, INSTALLATION AND COMPLETION**

The undersigned agrees to start delivery on July 29, 2006 for all areas and complete the installation by August 4, 2006. **DELIVERY DROPS AT EACH HIGH SCHOOL. NO DELIVERIES TO DISTRICT WAREHOUSE**

**WITHDRAWAL OF BIDS**

The undersigned agrees that this Bid shall not be withdrawn for a period of sixty (60) days after the date set for receipt of Bids.

**BIDDERS MUST USE BID FORMS FOR SUBMITTAL.**

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BID FORMS  
SECTION 00300

**SIGNATURE AND LEGAL STATUS OF BIDDER**

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_ 2005.

(Individual, Partnership, Corporation)

---

Affix Corporate Seal:

By: \_\_\_\_\_  
(Authorized Signature of Bidder)

\_\_\_\_\_  
Business Address

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END OF BID FORMS

SUPPLEMENT TO BID FORM-VENDOR APPLICATION

This Bidder's Mailing List Application is accepted at the following public purchasing offices:  
 City of Lansing, Lansing Board of Water and Light, Lansing School District, Lansing Community College,  
 Ingham County and Michigan State University. DUN & BRADSTREET RATING (if available)

NAME OF COMPANY	FEDERAL ID NUMBER (OR) SOCIAL SECURITY NUMBER	
ADDRESS TO WHICH BIDDING FORMS AND PURCHASE ORDERS ARE TO BE MAILED		
ADDRESS TO WHICH PAYMENTS ARE TO BE MAILED		
PARENT COMPANY AND ADDITIONAL OFFICE LOCATIONS IN MICHIGAN (May attach separate sheet)		
E-MAIL ADDRESS:	WEB SITE:	
TYPE OF ORGANIZATION <input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation	TELEPHONE #: _____ FACSIMILIE #: _____	
PERSONS TO CONTACT AND THOSE AUTHORIZED TO SIGN BIDS AND CONTRACTS IN YOUR NAME (if agent, so specify)		
Name	Official Capacity	Telephone No.
<b>PLEASE LIST ON THE REVERSE SIDE CLASSES OF EQUIPMENT, SUPPLIES, MATERIALS, AND/OR SERVICES ON WHICH YOU DESIRE TO BID.</b>		
<input type="checkbox"/> Do you require a hard copy of verbal orders? Yes ___ No ___    Do you accept Procurement Cards? Yes ___ No ___ <input type="checkbox"/> Electronic Disk Catalog <input type="checkbox"/> Electronic Ordering		
<b>FOR REPORTING PURPOSES ONLY</b>		
Please list percentage and circle category that applies:		
MINORITY OWNED: _____% Native-American Asian-Pacific American African-American Hispanic-American Asian-Indian American		
WOMEN OWNED: _____% White Native-American Asian-Pacific American African-American Hispanic-American Asian-Indian American		
DISABLED: _____%    SMALL BUSINESS: Yes ___ No ___    Business located within LCC District Yes ___ No ___		
Are you certified? If so, list agencies		Certificate Number:
_____		_____
_____		_____
SIGNATURE OF PERSON AUTHORIZED TO SIGN THIS APPLICATION		
NAME AND TITLE OF PERSON SIGNING (Please type or print)		

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### COMMODITY LIST

Please place a checkmark by the appropriate code and provide a detailed description of the commodities and/or services offered.

If the complete NAICS Code is known please include this number in the description area.

Website URL address for NAICS is: <http://www.census.gov/epcd/www/naics.html>

#### **NAICS CODE/DESCRIPTION**

- 11 – Agriculture, Forestry, Fishing and Hunting
- 21 – Mining
- 22 – Utilities
- 23 – Construction
- 31-33 – Manufacturing
- 42 – Wholesale Trade
- 44-45 – Retail Trade
- 48-49 – Transportation and Warehousing
- 51 – Information
- 52 – Finance and Insurance
- 53 – Real Estate and Rental and Leasing
- 54 – Professional, Scientific and Technical Services
  
- 55 – Management of Companies and Enterprises
  
- 56 – Administrative & Support, Waste Management & Remediation Services
- 61 – Educational Services
  
- 62 – Health Care and Social Assistance
  
- 71 – Arts, Entertainment and Recreation
  
- 72 – Accommodation and Foodservices
  
- 81 – Other Services (except Public Administration)
  
- 92 – Public Administration
  
- 99 – Unclassified Establishments

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Category (Check below the category which applies to the applicant)  (A) Manufacturer  
or Producer  (B) Wholesaler  (C) Retailer  (D) Mfgr's Agent  (E) Distributor  
 (F) Service Establishment

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SUPPLEMENT TO BID  
SECTION 00400

All bids shall be accompanied by a sworn statement disclosing any "familial relationship" that exists between the owner(s) or any employee of the bidder and any member of the Board of Education of the School District or the Superintendent of the School District. The Board of Education shall not accept a bid that does not include a sworn and notarized familial relationship disclosure statement.

**AFFIDAVIT OF BIDDER**

The undersigned, the Owner or authorized officer of \_\_\_\_\_ (the "Bidder"), pursuant to the familial disclosure requirement provided in the \_\_\_\_\_ (the "School District") advertisement for construction bids, hereby represent and warrant, except as provided below, that no familial relationships exist between the owner(s) or any employee of \_\_\_\_\_ and any member of the Board of Education of the School district of Lansing Michigan or the Superintendent of the Lansing School District.

List any Familial Relationships:

**BIDDER:**

**By:** \_\_\_\_\_

STATE OF MICHIGAN        )  
  )ss.  
COUNTY OF                 )

This instrument was acknowledged before me on the \_\_\_\_\_ day of

\_\_\_\_\_, 2006, by  
\_\_\_\_\_, Notary Public

My Commission Expires  
\_\_\_\_\_

Acting in the County of: \_\_\_\_\_

END OF  
SUPPLEMENT TO BID FORM  
SECTION 00400

SECTION 00800  
SUPPLEMENTARY CONDITIONS

14. **Purchasing Goods and Services** 3610  
(Replaces current policies 3310 and 3310.1)

The Superintendent shall be the sole purchasing agent for the District.

The purchase of goods and services required for the operation of the Lansing School District shall be conducted in accordance with all applicable laws. The purchasing process shall be open and competitive. Purchasing award decisions may include price; product quality; service; delivery; maintenance of product; adherence to specifications; past performance to the District; supplier reliability; warranties; supplier environmental responsibility; supplier school to work programs;(including apprentices and cooperative training programs), supplier community responsibility; responsible contracting compliance, increasing the diversity of the supplier pool and increasing the percentage of contracts with local companies.

The Lansing School District places a high value on the richness of our diverse schools and community. The District will play a leadership role in promoting inclusiveness and the elimination of discrimination. All suppliers doing business with the school district must comply with state and federal laws on equal employment opportunity. In addition, companies responding to requests for formal bids for goods and services shall be required upon request to submit to the school district verification of compliance with laws. Suppliers shall state they do not discriminate against any employee or applicant for employment because of race, color, religion, national origin, sex, age, height, weight, marital status or disability. Failure to represent such and/or to not comply with state and federal laws on equal employment opportunity shall result in the supplier being removed from the District's supplier list.

Cooperative Purchasing

Governmental cooperatives, joint governmental purchasing, and private cooperative purchasing agencies may be used if it is deemed in the best interest of the District and the agency adheres to the requirements of this policy.

Purchases through the District

Board Members and employees shall not make any purchase through or in the name of the district for personal use. The name of the District or school or the employee's position, shall not be used in such a manner that discounts or cost preferences are given to such person. Purchasing equipment and supplies by the District for resale to employees is prohibited.

Unauthorized Purchases

Unauthorized purchases by staff members are not the responsibility of the Lansing School District. Staff members that commit to unauthorized purchases shall be held individually responsible for payment of such obligations.

Emergency Purchases

Emergency purchases of materials or labor for building construction, addition, renovation or repair may be made without using the quotation or bidding process, if authorized by the Superintendent. Emergency purchases, over the state imposed bid limit, must be authorized by the Superintendent. A report of the emergency purchase shall be presented to the next School Board meeting for formal approval

Lansing School District  
 Everett, Eastern and Sexton H. S.  
 Science, Computer and Media  
 Pleasantview Magnet -Café/Classroom  
 Lansing, Michigan 48933

Lansing Bid : SO#1320  
 PC Project No. 0106  
 GMB Architects/Engineering  
 Purchasing Concepts, Inc  
 Holland, Michigan 49423

**15. Insurance Requirements**

Insurance companies must have a rating of A – or better and a financial size rating of VII as listed by the A.M. Best Company. The contractor shall defend, indemnify and hold harmless Lansing School District and its agents and employees from and against claims, including attorneys’ fees arising out of or resulting from the performance of the work, provided that any such claim (1) is attributable to bodily injury, sickness, disease, or death, or injury to or destruction of tangible property (other than the work itself) including the loss or use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the contractor, any subcontractor anyone directly employed by any of them or anyone from whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

The insurance shall be written for not less than the following limits, or greater if required by law: The successful bidder shall provide insurance certificates for minimum insurance coverage as follows:

	Each Occurrence	Aggregate
Bodily Injury Liability	\$ 500,000	\$1,000,000
Property Damage	\$ 500,000	\$1,000,000

OR

Bodily Injury & Property Damage Combined	\$1,000,000	\$1,000,000
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**AUTOMOBILE LIABILITY**

Bodily Injury (Per Person)	\$ 500,000	
Bodily Injury (Per Accident)	\$1,000,000	
Property Damage	\$ 500,000	

Bodily Injury & Combined Damage	\$1,000,000	
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**EXCESS LIABILITY**

True Commercial Umbrella Coverage	\$1,000,000	\$1,000,000
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**WORKERS’ COMPENSATION & EMPLOYERS’ LIABILITY**

Each Accident	\$ 500,000	
Disease-Policy Limit	\$ 500,000	
Disease-Each Employee	\$ 500,000	

The Contractor shall furnish the Owner an insurance certificate indicating they are carrying insurance covering Workmen’s Compensation to the extent of the Act for those in their employment.

Contractor shall be responsible for all means and methods as they relate to safety and shall comply with all applicable local, state, and federal requirements that are safety related. Safety shall be the responsibility of the Contractor.

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SUPPLEMENTARY CONDITIONS

16. **RIGHT TO KNOW**

In accordance with MIOSHA regulations pertaining to the "Michigan Right to Know Law" the owner has posted Material Safety Data Sheets for any hazardous chemicals in their work place. The contractor shall designate a coordinator to oversee the institution and maintenance of a similar program for the areas in which work will take place. The program must encompass all MIOSHA Regulations with regards to the "Michigan Right to Know Law" for all hazardous chemicals, which will be used on site during the course of work The successful bidder shall provide insurance certificates for minimum insurance coverage as stated above.

END OF  
SUPPLEMENTARY CONDITIONS  
SECTION00800

SECTION 01000  
GENERAL REQUIREMENTS

MEDIA FURNISHINGS

PART IA – GENERAL

17. SECTION INCLUDES

18. Extent of wood library furniture as indicated on Drawings.

19. REFERENCES

20. Architectural Woodwork Institute Quality Standards

21. SUBMITTALS

- A. On or before the bid award date bidders must submit samples selections of shelving, table corner unit and a library chair showing the construction of the furniture exactly as it will be furnished. Bidder also must submit samples showing materials and construction proposed to be used on the job along with manufacturer's specifications and installation instructions for each type of library furniture. All samples must either meet or exceed the specified standards.
- B. Submit 6" x 6" samples of each exposed finish required
- C. Submit shop drawings for each type of library furniture, showing details, dimensions, and layout of installation. Shop drawings must include rough-ins for wiring. Coordinate shop drawings with others involved.
- D. Submit manufacturers installation instructions and recommendations.
- E. All questions must be answered in detailed written form to remove confusion or doubt over what is to be provided.

22. QUALITY ASSURANCE

- A. It is the intent of these specifications to establish a minimum standard of quality acceptable to the owner for materials, hardware, finish, construction methods, design and function as well as craftsmanship of wood library furniture.
- B. Only qualified wood library furniture manufacturers will be allowed to bid providing compliance with these specifications is adhered to. A bidder proposing a change, modification, or substitution must clearly state variances to these specifications listed herein.
- C. All work, material and equipment must be of the highest quality. All woodwork must be designed and finished to blend uniformly. In keeping with the highest standards of quality control and technical library furniture construction, careful detail must be given to the close matching of finish and veneers and all component parts.
- D. Manufacturer must provide a minimum ten year warranty on all furniture included in this section.

GENERAL REQUIREMENTS

- E. Installer: Installation must be by the manufacturer's authorized representative and must conform to the manufacturer's standard procedure. Installer must have a minimum of five years documented experience installing library furniture.
- F. Drawings and Specifications: Plans, elevations, details and specifications indicate components, material, fabrication, and similar design requirements for library furniture. Minor deviations will be accepted in order to utilize manufacturer's standard products when in Architect's sole judgment such deviations do not materially detract from design concept or intended performance.

### 23. DELIVERY, STORAGE AND HANDLING

- A. Deliver library furniture only after all painting, wet work, grinding and similar operations are complete.
- B. Do not deliver or install equipment until following conditions are met:
  - 1. Windows and doors are installed and the building is secure and weather tight.
  - 2. Ceiling, overhead ductwork and lighting are installed.
  - 3. All painting is completed and carpet is installed.
  - 4. Environmental Conditions: Building temperature must not exceed 80 degrees (F) to avoid undue drying of materials used in wood furniture and subsequent damage by structural fatigue. Avoid frequent and /or excessive changes in temperature and or humidity levels during the course of the material installation or once materials are installed to prevent damage to equipment. Under no conditions should moisture levels exceed 60% relative humidity in order to avoid undue stress or splitting of wood materials.

## PART II – PRODUCTS

### 24. ACCEPTABLE MANUFACTURERS

- A. Library furniture indicated as specified herein are based on information on Jasper Products, **Texwood Furniture &** Minncor, & Gaylord, All other manufacturers that are equal are acceptable.
- B. The use of catalog numbers and specific requirements set forth in the drawings and specifications are given for purposes of establishing a minimum standard of design and quality for materials, construction and workmanship.

## 25. MATERIALS

- A. Wood Species and Material: Exposed woods shall be northern red oak hardwood free of imperfections and will be carefully selected for uniformity of grain, texture and figure. All hardwoods must be well air seasoned and then kiln dried and stabilized to a moisture content of approximately 6-7%.

## 26. Veneers:

1. Exposed veneers must be premium, "A" grade, northern red oak, custom matched for uniform color and pleasing effect, plain sliced with a narrow heart. All edges of the veneers must be glued on a tapeless splicer.
2. Face must be free of wild grain, wide heart and gross figure on either side of cathedral figure. No rotary cut or peeled veneers shall be used on exposed surfaces.
3. In order to control quality and ensure matching, all circulation desk fronts must utilize premium grade rift cut veneers.
4. Veneers must be matched and joined in such a manner as to prevent lap or open joints. No tape shall be permitted on the glued line. Bonding agent shall have the same water resistance as the bonding agent used in lumber core construction.

## 27. WOOD FINISH

- A. All furniture must be quality inspected in the white wood prior to entering the finishing system. The finishing process must utilize high temperature-high velocity ovens for curing the finish. Air-dried finishes are not acceptable.
- B. Due to the high quantity of harmful emissions emitted into the atmosphere by solvent based finishes, water based coatings will be preferred over solvent based coatings.
- C. All furniture must be hand sanded with a fine grit abrasive and inspected thoroughly for excess glue and other imperfections. After final white wood inspection, one coat of non-grain raising pigmented toner must be applied to provide maximum uniformity and fade resistance. A wash coat and stain of high quality will be performed as required, depending on the particular color involved.

Next, at least one coat of high quality sealer must be applied and hand sanded to achieve maximum smoothness of finish.

The final coat of finish, must be applied and "oven cured" to obtain a highly chemical and mar-resistant coating (air dried finishes are not acceptable).

## GENERAL REQUIREMENTS

28. The following test was conducted by Lilly Industries, Inc. and the results are listed below. Any finish that does not meet this criteria is not acceptable.

The test performed, consisted of placing a spot of chemical and house hold reagents on the surface of coating and letting it evaporate.

<b><u>Reagent</u></b>	<b><u>Effect</u></b>
Naphtha	Pass
Alcohol	Pass
Olive Oil	Pass
Coffee	Pass
Tea	Pass
Shoe Polish	Pass
Detergent	Pass
Ketchup	Pass
Ink	Pass

**Other Tests:**

Cold Check Resistance (20 Cycles)	Pass
Scratch Resistance	Pass
Crosshatch Adhesion	Pass
Boiling Water, poured on surface and allowed to cool	Pass

29. (FIVE PLY) SOLID NORTHERN HARDWOOD LUMBER CORE

- A. Solid northern hardwood lumber core panels must be constructed of good grade, full strip or finger jointed hardwood strips cut in random widths of 1” to 3” and bonded with water resistant adhesive. Lumber Core must consist of no more than five plies of material. The core shall be covered on both sides with a veneer layer applied at right angles to the core to maintain flatness. A final layer of northern red oak veneer shall be applied to both sides parallel to the core stock.

30. (SEVEN PLY) SOLID NORTHERN HARDWOOD VENEER CORE

- A. Solid northern hardwood veneer core panels must be constructed of an odd number of hardwood veneer plies with face and back northern red oak veneers. Each ply is applied at right angles to the grain of the adjacent ply to resist warping. All plies are to be hardwood free from blisters, wrinkles, laps and other defects.

31. (THREE PLY) STRUCTURAL PANEL CORE

- A. Solid structural panels must be constructed of wood chips bonded with a water-resistant adhesive. These solid cores of no less than 45 lb. Medium density fiberwood (MDF) or particleboard (MDP) must have northern red oak veneers applied on exposed panels. The physical properties of these cores must meet or exceed American National Standard specifications ANSI 208.1 and/or ANSI 208.2.

32. HIGH PRESSURE LAMINATE

- A. Where specified for work or top surfaces, high pressure laminate must be .050" thick and used than appropriate backer sheet. High pressure laminate shall be of maximum hardness to resist scratches, marring, fading, staining, etc. and shall comply with performance standards set by the National Electric Manufacturers Association. NEMA-LDI-1964, LD-3 GP50. Laminate color selection shall be made by the project designers from Wilsonart, Formica, Nevamar, or Pionite standards, patterns and/or nebula finishes.

33. HARDBOARD

- A. Where specified, hardboard must be composed of compressed wood fibers, pressed by hydraulic pressure into homogeneous sheets of 1/4" in overall thickness.

34. HARDWARE

- A. Must be of modern design, constructed to meet the requirements of institutional furniture equipment.

35. JOINERY

- A. All joints are of traditional furniture construction such as bore and dowel or cleat reinforced. All joints are glued, pinned, and/or screwed.

36. FABRICATION

**A. READING TABLES**

- 42" ROUND TABLE,**
- 48" ROUND TABLE,**
- 60" ROUND TABLE,**
- 60" RECTANGULAR**
- 72" RECTANGULAR**
- 42" SQUARE TABLE,**
- 48" SQUARE TABLE**
- 90" RECTANGULAR**

- 37. Table tops must be constructed of 1-1/4" thick, five ply solid northern hardwood lumber core. Lumber core must consist of no more than five plies of material. External edge band must be 3/4" x 1-5/8" solid northern red oak in drop edge design. Edge band must receive a radius the top, bottom and on all four corners of tables. The use of aprons, headers or any other intrusions into the knee space will not be permitted at the sides or ends of the tables. All tables 60" long or longer must have a metal longitudinal stabilizer, not less than 16 gauge. Top surfaces are .050" thick high pressure laminate and must be used with an appropriate backer sheet.

- 38. Table legs must be constructed of one solid piece of 2-1/8" solid northern red oak with 3/8" radius edges. To provide instant leveling on uneven floors and to permit an upward height adjustment of 1" from the basic height, each leg must be equipped with an adjustable-pivoting glide, at least 5/16" shank and 1-3/4" in diameter.

39. Leg attachment must be concealed from view. Exposed hardware will not be acceptable. The top of each leg must be fitted with a special design 6" x 6" x 5/16" thick cold rolled steel plate. The leg must have (1) double threaded steel barrel nut inserted approximately 2" from the top of the leg. (2) 5/16" machine bolts must pass through the plate and engage the barrel nut to lock the leg securely to the plate for all metal to metal contact.

The plate and leg assembly must attach to the top with a minimum of (5) 5/16" machine bolts which pass through the plate into 5/8" metal threaded inserts in the top for all metal to metal contact.

40. Glides provide instant leveling on uneven floors and permit upward height adjustment of 1" from the basic height, each leg shall be equipped with an adjustable glide, at least 5/16" shank and 1-3/4" in diameter.
41. Height for standard adult tables are 29",

## **B. WOOD STANDS AND BOOKCASES**

**OPAC Stand**  
**Dictionary stand**  
**Atlas Case**  
**Bookcart**

1. Shelving must be sectional in construction for maximum flexibility in arrangement. Heights and depths must be as specified. There must be one starter section for each range of shelving and all other sections in the range will be adder sections. A starter section of shelving will consist of two ends, a top filler, a base and shelves. It must be 37-1/4" wide overall. An adder section must consist of one intermediate upright, a top filler, a base and shelves. It will be 36" wide overall. All shelves must be adjustable on 32 mm centers vertically. In order to prevent accidental dislodgment of the shelf pins, all holes must stagger front to back and must be approximately 8 mm in diameter and 1/2" deep. Shelf pins are 5/16" x 1" long.

2. End panels must be constructed of 1" thick five ply solid northern hardwood lumber core in flush panel design. Panels must receive Grade A red oak veneers and all exposed vertical edges must be banded with 1/4" solid northern red oak. Top edges of 42" and 60" high sections must be banded with 1/4" solid northern red oak. All panels will be the full dimension specified.
3. Intermediate uprights must be constructed of 3/4" thick five ply solid northern hardwood lumber core in flush panel design. Panels must receive Grade A red oak veneers and all exposed vertical edges must be banded with 1/4" solid northern red oak. Top edges of 42" and 60" high sections must be banded with 1/4" solid northern red oak. All panels will be the full dimension specified.
4. Cornice tops must be constructed of 3/4" seven ply veneer core. Cornice top rail must be solid northern red oak 2-3/4" wide and designed to fit flush with the top edge of ends and intermediate uprights. Top mounting is with solid oak blocks with all metal to metal fastening. High pressure laminate top fillers must be provided on all 42" and 48" high shelving.
5. Bases must be constructed of a 3-1/4" x 3/4" solid northern red oak face strip with solid oak mounting blocks and wood stretchers.
6. Cornice tops and bases must attach to end and center panels with 5/16" bolts for all metal to metal attachment (lag bolts or wood to metal contact will not be considered acceptable). Base shelf must be same construction as adjustable shelves for ease in assembly and uniformity.
7. Shelves must be constructed of full width glued-up strips of northern hardwood no more than 3" and no less than 1" wide. Plywood or particleboard shelves are not acceptable. Shelves must be 3/4" thick x 35-1/8" long. The underside of all shelves must be notched to fit over the shelf pins. Notches must be only of sufficient length to accommodate the pin and shall be closed at one end to prevent accidental shelf dislodgment of shelf pins. **Actual dimension must be as follows: 10" shelves to be 9-1/4" minimum; 12" shelves to be 11-1/4" minimum.**
8. Magazine shelves must be constructed of 3/4" thick seven ply oak veneer core 12" deep with a solid northern red oak retaining lip to stop magazines from falling. Shelves must be alternating sloping and flat shelves. Magazine shelves must provide 12-3/4" wide clear space for magazines.
9. Newspaper rack shelving must include two brackets, each neatly cut with ten notches for holding newspaper files. Newspaper shelving must have one flat bottom shelf. The wood newspaper brackets are attached with countersunk screws to the ends and intermediate uprights.
10. Plywood back panels must be constructed of 1/4" thick matching plywood. Dividers for double faced units must be finished on both sides. Backs for single faced units must be finished on one side.

#### General Requirements

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also must submit samples showing materials and construction proposed to be used on the job along with manufacturer's specifications and installation instructions for each type of library furniture. All samples must either meet or exceed the specified standards.

- A. Submit 6" x 6" samples of each exposed finish required
- B. Submit shop drawings for each type of library furniture, showing details, dimensions, and layout of installation. Shop drawings must include rough-ins for wiring. Coordinate shop drawings with others involved.
- C. Submit manufacturers installation instructions and recommendations.
- D. All questions must be answered in detailed written form to remove confusion or doubt over what is to be provided.

#### QUALITY ASSURANCE

- A. It is the intent of these specifications to establish a minimum standard of quality acceptable to the owner for materials, hardware, finish, construction methods, design and function as well as craftsmanship of wood library furniture.
- B. Only qualified wood library furniture manufacturers will be allowed to bid providing compliance with these specifications is adhered to. A bidder proposing a change, modification, or substitution must clearly state variances to these specifications listed herein.
- C. All work, material and equipment must be of the highest quality. All woodwork must be designed and finished to blend uniformly. In keeping with the highest standards of quality control and technical library furniture construction, careful detail must be given to the close matching of finish and veneers and all component parts.
- D. Manufacturer must provide a **minimum ten year warranty** on all furniture included in this section.
- E. Installer: Installation must be by the manufacturer's authorized representative and must conform to the manufacturer's standard procedure. Installer must have a minimum of five years documented experience installing library furniture.
- F. Drawings and Specifications: Plans, elevations, details and specifications indicate components, material, fabrication, and similar design requirements for library furniture. Minor deviations will be accepted in order to utilize manufacturer's standard products when in Architect's sole judgment such deviations do not materially detract from design concept or intended performance.

#### DELIVERY, STORAGE AND HANDLING

- A. Deliver library furniture only after all painting, wet work, grinding and similar operations are complete.
- B. Do not deliver or install equipment until following conditions are met:

General Requirements

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1. Windows and doors are installed and the building is secure and weather tight.
2. Ceiling, overhead ductwork and lighting are installed.
3. All painting is completed and carpet is installed.
4. Environmental Conditions: Building temperature must not exceed 80 degrees (F) to avoid undue drying of materials used in wood furniture and subsequent damage by structural fatigue. Avoid frequent and /or excessive changes in temperature and or humidity levels during the course of the material installation or once materials are installed to prevent damage to equipment. Under no conditions should moisture levels exceed 60% relative humidity in order to avoid undue stress or splitting of wood materials.

#### METAL SHELVING-CANTILEVER

#### PART 1B – GENERAL SPECIFICATIONS

Equal to Biblo Model Shelving or Approved Equal

This specification covers delivery and installation of steel library shelving of the bracket type. Height, depth, and accessories shall be as indicated on the plans and/or schedule of equipment.

#### MATERIAL:

Only the finest quality of materials and workmanship will be considered. Galvanized steel tubing is required for this work. The paint finish shall be a powder epoxy/polyester baked on finish.

#### TYPE OF SHELVING:

Steel bookstacks shall be cantilever, modular style. The system shall consist of uprights, T-shaped for double faced sections or L-shaped for single faced units. Only one upright shall be allowed between shelving units. The uprights are bolted together using crossbars with bolting plates welded to each end. Cross bars which are clipped to the uprights at the time of installation shall not be acceptable. Case-type, four post, or welded frame construction shall not be considered as meeting this specification. Diagonal bracing in the form of sway braces shall not be acceptable. Uprights shall accept shelves of different depths cantilever-hung on brackets and shall be easily adjustable up with out tools on one inch increments. The unit shall be able to accept a canopy top. When such a canopy top is specified in a double face section a canopy bridge may be provided to cover the gap between both canopy shelves and to provide a flush look. The units shall be capable of providing shelving depth equal to the base depth without the use of top tie struts or floor anchoring in the heights specified.

The shelving units shall have the ability to provide open or closed base options by addition or deletion of a closed base panel. This design allows easier access for cleaning and maintenance of the site. The design and construction of the units shall provide a clean, monolithic look. Uprights shall be of a completely closed tubular design. Standard shelves shall have integrated backedges at least 2" in height. Brackets shall be totally flat and shall present a clean inside/outside surface showing no hardware or shelf attachments. All details shall be completely finished with milled corners and no sharp unfinished edges. All welds shall be milled and ground to a flush finish. All components and parts of the shelving system shall be clearly identified when packed for shipment. Every package shall have its own label indicating, the part name, part number, quantity, and shipping address.

#### General Requirements

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**COMPONENT SPECIFICATIONS:**

**UPRIGHTS:**

The uprights shall be constructed of 14 gauge cold-rolled galvanized steel tube measuring 1-3/16" x 2-3/8". The vertical column of the upright shall have adjustability increments every 1". The base of the upright shall have two rivnut threaded fasteners at each end with a 2" diameter adjustable leveling glide. The upright shall be constructed of a closed rectangular tube with its construction welding line in the center of one of the longer walls of the rectangular tube. The upright shall be of a single centered punched system with mounting slots set on 1" increments. It shall allow a precise fit and clean look preventing overlapping of brackets. The upright shall also accept an upright extender and overhead stabilizer fittings. The top of the column shall be finished with a cap.

Dimensions:

Height: 42" / 48" / 60" / 66" / 72" / 78" / 84" / 90"  
Single or double

Depth: 8" / 9" / 10" / 11" / 12" / 15-3/4"  
Single or double.  
Symmetrical or asymmetrical configurations.

**CROSSBARS:**

The crossbars shall be a minimum of 14 gauge folded steel with end plates of a minimum 9 gauge steel. The crossbars shall bolt onto the shelving column. Clip style attachment shall not be acceptable. The profile of the crossbars shall be designed to ensure that a back or intermediate fabric, steel or melamine panel can be mounted between the crossbars without the use fittings or tools.

Dimensions: 30" / 36" / 39"

**SHELF BRACKETS:**

Shelf brackets shall be 16 gauge steel with milled corners and no sharp edges. The brackets shall have a 180 degree shelf attachment lip. The bracket shall present a clean inside / outside surface showing no hardware or shelf attachments details. Brackets shall be available in standard 3", 6" and 8" heights and 8", 9", 10", 11", 12" and 15-3/4" depth. Brackets shall be completely adjustable and shall be offered single or double plate types.

**BOOK SHELVES:**

Shelves shall be 1" 90 degree tri-fold front edge and shall be supplied with a **minimum 2" high integral back edge**. The shelf shall have a raceway fold to receive a sliding book support. Maximum shelf deflection with 50 pounds per square foot load is not to exceed 1/8". Shelves are minimum twenty gauge steel.

Dimensions:

30" x 8" / 9" / 10" / 11" / 12" / 15-3/4"  
36" x 8" / 9" / 10" / 11" / 12" / 15-3/4"  
39" x 8" / 9" / 10" / 11" / 12" / 15-3/4"

**BASE PLATES**

General Requirements & Specifications

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The base plates shall be a minimum of 20 gauge folded steel suspended between two column feet. The closed base shall be detachable without the use of tools. These base plates shall be removable without affecting the stability of the system to provide either an open or a closed condition.

**CANOPY SHELF:**

The canopy shelves shall be formed with a 1" front edge extending the full width and depth of the unit. Canopy tops shall be constructed as a standard shelf without the back edge. The back edge shall be manufactured with a 180 degree downward bend, 1/4" deep to accept the standard shelf bridge.

Dimensions:

30" x 8" / 9" / 10" / 11" / 12" / 15-3/4"  
36" x 8" / 9" / 10" / 11" / 12" / 15-3/4"  
39" x 8" / 9" / 10" / 11" / 12" / 15-3/4"

**CANOPY BRACKETS:**

The canopy brackets shall be a minimum of 16 gauge steel, with the flange spot welded to the inside of the bracket. The canopy brackets shall be totally adjustable, completely finished with milled corners and no sharp unfinished edges. The brackets shall present a clean inside/outside surface showing no hardware or canopy attachment details. The height of the bracket shall be 3".

Dimensions: 8" / 9" / 10" / 11" / 12" / 15-3/4"

**CANOPY BRIDGE:**

The canopy bridge fills the gap between two canopy tops on double faced units. The bridge shall be installed into the back edges of each canopy shelves without the use of tools. The canopy bridge shall be constructed of 20 gauge steel.

Dimensions: 2-3/8" x 30" / 36" / 39"

**BOOK SUPPORT:**

The back edge book support shall be a minimum 1/4" diameter polyester powdered wire, mounted on a nylon runner which clips onto the back edge of the shelf. The support shall be polyester powdered or chromed. Book supports shall be manufactured with round or square shaped styles as specified.

**DIVIDER SHELF:**

The divider shelves shall be of the same construction as the book shelf, with the back edge and brackets to be 8" high. Divider shelves shall be punched at 1" intervals. The shelves shall accommodate legal or letter documents. Each divider shelf shall have three dividers with milled corners. The dividers shall be constructed of 16 gauge steel.

Dimensions:

30"W x 8"H x 9" / 10" / 11" / 12"  
36"W x 8"H x 9" / 10" / 11" / 12"  
39"W x 8"H x 9" / 10" / 11" / 12"

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**PULLOUT FRAMES:**

The pull out steel frame shall be mounted on self-lubricating, ball bearing accuride glides. The glides shall provide full extension capability.

Dimensions:

30"W x 8"H x 9" / 10" / 11" /12"  
36"W x 8"H x 9" / 10" / 11" /12"  
39"W x 8"H x 9" / 10" / 11" / 12"

**STORAGE CABINET:**

The storage cabinet with sliding steel or glass doors shall have minimum 16 gauge steel sides pre-punched for attachment of 10" and or 12" storage shelves. The storage shelves shall be manufactured as standard book shelves with a backedge. The cabinet shall be available with and without lock that can be keyed alike. The cabinet shall be constructed of 16 gauge, cold rolled steel plate and horizontally twenty gauge cold rolled, bent steel. The cabinet shall come complete with canopy top.

Dimensions: 36" W x 24-3/5" H x 15-3/4"D

**MEDIA CABINET:**

The media cabinet shall be constructed of 16 gauge sides and twenty gauge bottom shelf, top and door. The bottom shall be manufactured as a standard 15-3/4" deep. The top shall be a standard 15-3/4" deep canopy shelf. The door shall be manufacture as tip up style with lock. The pull out frame shall have 100% full extension self-lubricating ball bearing accuride glides. The bracket shall have the ability to accept one or two pull out frames. The pull out frame shall accept different types of media trays, legal, and letter size pendaflex filing

Dimension: 36" x 15-3/4" x 15-3/4"

**PERIODICAL TIP UP CABINET:**

The construction is identical to the media cabinet only the door is replaced with a display shelf installed inside the cabinet at a 7-degree angle. The sloped display shelf shall have a 1/2" stop spot welded to the top of the shelf preventing the display material from sliding back into the cabinet when display shelf is opened and locked in top position. The bottom of the display shelf shall have a three way bent, securing the display material. When used for display of newspapers the display shelf shall be equipped with an acrylic strip attached to the top of the shelf. The acrylic shall be minimum 1/4" thick and extend 7" down from the top of the shelf.

The tip up cabinet shall have a standard backedge book shelf as bottom, and offer enough clearance for vertical storage of back issues when display shelf is in close position.

Dimension: 36" x 15-3/4" x 15-3/4"

**SLOPING DISPLAY SHELF:**

The sloping display shelf shall be constructed of twenty gauge steel with a 3" front edge. The sloping shelf installs on 30 degree or 45 degree brackets made of minimum 16 gauge steel.

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**HINGED PERIODICAL SHELF, OLD STYLE:**

The hinged shelf shall be 14" tall with the same qualities as the display shelf in the periodical tip-up cabinet. The brackets shall be 8" high with minimum 16 gauge. The storage shelf shall be a standard book shelf with back edge 12" deep. The storage shelf and the sloped shelf shall be twenty gauge steel

Dimensions:

30" W x 14" H x 12"D  
36" W x 14" H x 12"D  
39" W x 14" H x 12"D

**HINGED PERIODICAL SHELF, NEW STYLE:**

The hinged shelf shall be 12" tall with the same qualities as the display shelf in the periodical tip-up cabinet. The brackets shall be 8" high with minimum 16 gauge. The storage shelf shall be a standard book shelf with back edge 10" deep. The storage shelf and the sloped shelf shall be twenty gauge steel

Dimensions:

12" x 30" x 12" / 15~3/4"  
12" x 36" x 12" / 15~3/4"  
12" x 39" x 12" / 15~3/4"

**FACE FRONT PERIODICAL SHELF:**

The periodical display shall consist of standard and interchangeable parts, which cantilever from standard shelving uprights. The system will display the fronts of the periodicals and also accommodate back issues. Each display unit shall be of fixed shelf construction. Each display level shall consist of a horizontal sloped shelf 9" in depth, a corresponding vertical sloped back 12" tall, and non-skid, telescoping angled, transparent supports, which will keep the periodicals pressured against the backs. The display shelves and backs shall be sloped 8 degrees. The system must accommodate a variety of depths of back issues. Adjustable shelving levels must also allow for the placement of periodicals in any lateral position along the entire length of the range of row of display shelving, including in front of uprights. The overall depth of the base shall not exceed 20.25" for double face sections or 11.25" for single face sections.

Dimensions:

30" x 9" x 12"  
36" x 9" x 12"  
39" x 9" x 12"

**SINGLE TIER VIDEO AND OR PAPERBACK SHELF:**

The side manufactured of 16 gauge steel, bottom and back of twenty gauge. The shelf shall be constructed with 7-degree back slant. Front edge designed as standard shelf. Shall have capability to accept a zig zag shelf for better display of books or videos.

Dimensions:

30" x 8" x 8"  
36" x 8" x 8"  
39" x 8" x 8"

**DOUBLE TIER AUDIO CASSETTE SHELF:**

The shelf shall be of the same construction as the video/paper back shelf but double tier

Dimension:

30" x 8" x 8"  
36" x 8" x 8"  
39" x 8" x 8"

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**SINGLE TIER CD DIVIDER SHELF:**

The divider shelf shall be constructed of 16 gauge side brackets and twenty gauge steel bottom and back, front edge designed as standard shelf. The cd divider shelf shall have a 7 degree back slant and 4 stationary dividers.

Dimension: 36" W x 6" H x 8" D

**COMBINATION BROWSING BOX:**

The browsing box shall be available in single and double tier versions. Sides constructed of 16 gauge steel. Front, bottom and back manufactured of bent and roll formed 20gauge steel. The bottom shall have an insert of grooved black rubber preventing the media from sliding. Back of browsing box shall be pre-punched to accept (7) different insert dividers, dividing the standard browsing box into respectively three 3, four 4, five 5, six 6, and nine 9, compartments for storage of various media.

The divider to be manufactured of 3/4" diameter steel rod attached in the front of the browsing box with concealed fasteners. The dividers arms to be made of 11 gauge steel band 1/2" wide. The divider arms shall slide into the pre-punched slots in the back panel of the browsing box. This divider is removable and replaceable to enable different types of media to be stored

Dimensions:

36" W x 4" H x 12" D  
36" W x 8" H x 15-3/4" D

**SHEET STEEL FINISH:**

The shelving finish shall be electrostatically applied, thermo hardened epoxy/polyester powder with 60 - 80 microns thick. It shall be smooth and uniform in appearance, without runs, wrinkles grit or " orange peel " effects. Shelving system shall withstand at least 500 hrs of salt spray chamber test.

## GENERAL REQUIREMENTS

### CLASSROOM AND OFFICE FURNISHINGS

#### PART 1C - GENERAL

##### 1.01 DESCRIPTION

Provide and install all landscape partitions and components complete, in place, and as herein specified. Provide all labor and materials as required for a complete and functional system.

##### 1.02 QUALITY ASSURANCE

###### A. Standards:

Comply with standards specified in this Section.

###### B. Qualifications of Manufacturer:

Use products in the work of this Section produced by manufacturers regularly engaged in manufacture of similar items and with a history of successful production acceptable to the Architect/Engineer.

###### C. Qualifications of Installers:

Use skilled installers who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

##### 1.03 SUBMITTALS

A. Each quotation shall contain a list of the manufacturer's name, item number and full description of the stock items that is has proposed to furnish as equal to the scheduled items, along with catalogs showing full specifications and pictures of each item. Failure to comply with this requirement shall be cause for rejection of contractor's bid.

B. Approval of equipment, furnishings, etc. proposed as alternates to those called for in the plans may be obtained by the following process. Consideration of alternate equipment shall be solely at the discretion of the Interior Designer. No alternates to the plans and specifications will be accepted except those given prior approval as follows:

1. Any and all proposed alternate equipment, furnishings, etc. must be submitted for approval not less than five (5) days prior to bid due date. Submittals shall be equivalent to those required for review.
2. After review of the submittals, the Architect will determine acceptability of alternate proposals. All acceptable alternates will be made known to prospective contractors through the means of communication deemed best by the Architect.

### GENERAL REQUIREMENTS

3. This process shall be followed for each individual project. Prior approval for previous projects does not automatically carry through to current projects.

C. Samples:

Specified and alternate product samples shall be readily available for Owner review and approval.

#### 1.04 PRODUCT HANDLING

A. Protection:

Use all means necessary to protect materials of this Section before, during, and after installation and to protect installed work and materials of all other trades.

B. Delivery:

1. All items of furniture and equipment shall be delivered to the building, unloaded, assembled and set in place. Vendor/installer shall carefully clean, touch up or otherwise make ready for use all items in this contract. The vendor/installer shall be responsible for complete installation in every respect (See also Section 3.02 Installation).
2. It shall be vendor's/installers responsibility to receive and unload all shipments. The owner will not receive or sign for any furniture. The vendor/installer shall be responsible for filing all freight claims. Materials to be delivered in manufacturer's unopened packages.
3. The vendor shall not deliver furniture until the spaces in which furniture will be installed are ready to receive it, or until a special storage space has been made available.

C. Replacements:

In the event of damage, immediately make all repairs and replacements necessary, to the approval of the Architect/Engineer at no additional cost to the Owner.

#### 1.05 ACCEPTABLE MANUFACTURERS

Artco Bell	Highpoint	Markant	Brodhart
Nightingale	Fleetwood	Hon	
VS Mfg.	Heidt	Inwood	
KI	Shain Bilt	Sico	
Virco	Diversified	Palmer Hamilton	

All other manufacturers equal to manufacturers listed above, will be acceptable.

All work surfaces, files, overheads, components and conference tables shall be from the same manufacturers system line, unless noted otherwise.

#### 1.06 Work Surface Specifications:

1. Work surfaces shall be capable of supporting loads consistent with BIFMA specifications. Work surfaces shall be 1-1/4" thick and have a writing surface of 1/32" thick high pressure laminate as manufactured by **Wilsonart, Formica, Nevamar, Pionite** or Architect approved equal. Work surface edges to be impact resistant 3mm PVC, or wood edge where specified. Work surfaces shall have a balanced construction using a high pressure backer sheet on the underside. The underside shall be pre-drilled for the support brackets and drawers. Work surfaces shall include cantilevers with built in anti-dislodgement clips for mounting to panels. A wire manager channel shall be available to attach underneath all available work surfaces.
2. Work Surfaces:  
  
Regular work surfaces shall be available as standard in 20", 24", and 30" deep and widths from 24" to 72".
3. Corner Work Surfaces:  
  
A variety of corner work surfaces shall be available to work with 24" and 30" deep work surfaces to give maximum flexibility for computer applications. These corners will be available with and without keyboards.
4. Counter Cap Surfaces:  
  
Counter caps shall be available for mounting atop all panels. Counter caps shall have the same specifications as a regular work surface and be attached via mounting support brackets. These brackets shall provide rigid support for the counter caps. Counter caps shall be available for straight, right angle or curved configurations. Straight counter caps shall be 12" deep, in 24" to 72" widths. Right angle and curved counter tops shall be 12" deep by 24".

#### 1.07. Upper Storage Specifications:

1. Shelf and overhead storage units shall be available in a range of widths, depths and styles to respond to numerous storage situations. Shelves shall be heavy gauge roll-formed steel, electrostatic powder coated finish in all trim colors and shall be available in widths from 24" to 60". Shelf pans will have a return lip to protect the panel fabric from damage. Weight support capability shall be consistent with published (BIFMA) standards and guidelines. Front and rear edges of shelves shall be rounded for additional strength. Shelves shall be attached to panel by means of end supports. End supports shall have built in anti-dislodgement clips to prevent accidental dislodgement in the office environment.

2. These units shall store under the top shelf pan for maximum flexibility and will be fully equipped with an anti-racking mechanism. The storage units shall have locks.

1.08 Files:

- A. Acceptable manufacturers shall be:

<u>Manufacturer</u>	<u>File Line</u>
KI	Intellect
Hon	Flagship
Herman Miller	
Markant	

- B. Pedestal Drawer Specifications:

Hanging pedestals shall be available in a variety of drawer configurations in both a shallow and standard depth to quick mount to 20", 24", and 30" deep work surfaces using pre-drilled hole locations. Drawers shall be supported using full extension on 12" - 15" drawers; 3/4" extension on 6" drawers, ball bearing drawer guides and shall be standard. Locks shall be standard. All 12" file drawers shall come standard with compressor/follower. Master key and core removal keys are available for all locks. Counter weights shall be available as an option for freestanding filing pedestals.

- C. Free Standing Lateral File Specifications:

Lateral files must be compatible in both finish and dimensions with the furniture system. Files shall be supplied with a metal top and base. The drawer fronts shall be powder coated metal fronts in colors to match the trim or the case. Files shall be sized to accommodate letter, legal and EDP (14-7/8" W x 8" D) materials. Files shall include leveling glides, full extension slide, steel ball bearing slides, drawer locks, counter weights and safety interlock to allow opening of only one drawer at a time. Files shall be available in 2, 3, 4 and 5 drawers, 30", 36" and 42" widths.

- D. Colors, Finishes, and Fabrics:

1. Final color and finish selections to be made by the Interior Designer at a later date.

PART II - PRODUCTS

The use of catalog numbers and specific requirements set forth in the drawings and specifications are given for purposes of establishing a minimum standard of design and quality for materials, construction and workmanship. ALL COLORS AND FINISHES TO BE DETERMINED.

PART III - EXECUTION

3.1 INSPECTION

- A. Verify that the existing conditions are ready to receive work.
- B. Beginning of installation shall mean that installer accepts existing conditions.

### 3.2 INSTALLATION

- A. Install items in accordance with manufacturer's instructions and recommendations. Provide all hardware necessary to secure and install all items.
- B. Allow for connection of electrical work. Coordination of all contractors involved is required.
- C. Coordinate with related items such as blocking and furring.
- D. All shelving and other furniture shall be carefully adjusted to the floor and leveled. Wall shelving shall be attached to the walls at the most inconspicuous locations and in a manner to ensure a secure attachment.

Install plumb, level true and straight with no distortions. Where equipment abuts other furnished work, scribe and cut for accurate fit. Provide filler strips, scribe strips, top closures and moldings as indicated or required, and finish to match

- E. Anchor cabinets securely in place with concealed (when doors and drawers are closed) fasteners, anchored into structural support members or wall construction. Comply with manufacturer's instructions for support of units.
- F. Complete hardware installation and adjust doors and drawers for proper operation.
- G. Modular Shelving: install all adjustable shelves at equal spacing unless otherwise indicated.

### 3.3 CLEANING AND PROTECTION

- A. Repair or remove and replace defective work as directed upon completion of installation. Verify that moving parts are operating freely.
- B. Clean exposed and semi-exposed surfaces, polish all wood surfaces, touch-up as required or replace components as necessary to eliminate evidence of damage or deterioration.
- C. Protection: Advise contractor of final protection and maintained conditions necessary to ensure that work will be without damage or deterioration at time of acceptance.

SECTION 12600  
FURNITURE AND FURNISHINGS

1. **Student Study Table/Desk FCF-001 and FCF-001A**  
**Single student 26"W x 20"D x 30"H heavy steel gauge base with horizontal top.**  
  
**Double student 60 x 36.**  
  
**FRAME:**  
"T" legged heavy flat oval tube with epoxy resin powder coat. Flat steel skids with plastic kicking plate.  
  
Table Top:  
1" thick chipboard laminated on both sides with melamine resin sheet, molded on ¼" in polyurethane safety edge.  
  
Frame color: Product should be available in multiple colors.  
  
**All tables to include back pack hook on the side of the top surface**
2. **STUDENT COMBO/TABLET ARM DESKS- FCF-001B**  
Sled Base 17 ½ seat height with 30" top height with laminate top and book rack Centered tablet arm to eliminate need for right hand or left hand. Solid Melamine Seat and back. Frame: Minimum of 11 gauge steel tube frame w/epoxy powder paint finish . Non Marring flides. Minimum of 15 year warranty.  
Colors: TBD
3. **Science Tables-Epoxy Resin Bid Item FS-002, FS-002A ,FS-002B &FS-002C**  
60" x 24" Science Table.  
84" x 24" Science Table  
72" x 24" Science Table  
54" x 24" Science Table  
Unit consists of Epoxy Resin Top, Four Maple Legs; maple Plain Apron; Two Lower Truss Bars; Four Vinyl Boots and Four Adjustable Floor Glides.  
**TOP** is 1" Epoxy Resin 60" wide x 24" deep. Epoxy Resin is compounded (without asbestos) in permanent molds, oven-cured to give it the optimum physical and chemical resistance properties required for heavy-duty activities. Top must be black in color.  
**BASE** consists of Four 2 ¼" x 2 ¼" Maple Square Legs with 13/16" x 3 ½" Maple Aprons. The table base must allow at least 8" knee room for the student when using a 17" Chair. Two lower truss bars front to back, 13/16" x 2 ½". Base must be constructed using tenon joint construction with steel plate and lag bolt reinforcement in each corner. Unit includes vinyl boots and heavy-duty adjustable glides.  
**FINISH** : Stain on all tables to be custom – actual color TBD. All science tables at Eastern High School are to be constructed of Oak with a custom stain.
4. **Teacher desk –Bid Item FS-003 60X 30 and FS-003B 72x 24**  
Equal to Artco Bell  
Standard double pedestal, solid steel 60 x 30 and 72 x 24 scratch resistant thermoform work surface w/ center drawer and lock to secure both drawers in the file drawer pedestal. Drawers must have nylon rollers with full suspension file drawers and follower block. Desks must have modesty panels.

FURNITURE AND FURNISHINGS

5. **Teacher Desk Kidney shaped -Bid item FS-003A 72 x 30**

Equal to Artco Bell

Single pedestal, solid steel with 72x 30 scratch resistant thermoform work surface. Drawer must have nylon rollers with full suspension file drawers and follower block. 27" to 31" in height adjustment. Single grommet in top. Kidney shaped with modesty panel and carpet casters.

6. **Computer Desks-Bid item FSC-004- and FSC-004B Straight Surface**

Work Surface:

36 x 30

36 x 24

Must be high pressure quality laminate bullnose styled front edge. Perforated steel insert panels and a hinged "Flip Top" door for cord management that runs the full length of the work surface.

Steel modesty panel.

Minimum 16 gauge steel structure is finished with powder coat process for scratch resistant surface. Must possess chair rail entire length of work surface. Legs must be adjustable from 24" to 32" in 1" increments with steel nylon leveling glides.

7. **Computer Desks- Crescent Shaped Surface Bid item FSC-004A**

Markant My Office or Approved Equal-

42 x 36 Shared leg with crescent shaped surface and modesty panels.

See layout for exact location of products.

The following construction specifications and design criteria shall apply.

Provide as manufactured by Markant Office Furniture, (616) 281.5559,

Alternate: Watson T-leg, notched height solution. 800.426.1202 computer tables, specified as follows:**Worksurface:** Thickness is 1.25" core, industrial grade, high density substrate, balanced backer, High pressure laminate top to be selected by Designer from any Wilsonart, or Pionite standard and premium laminate selections. Tops to have predrilled, metal inserts for ease of installation on frame. **Edging:** 3 mm thick solid color throughout edge, non-toxic, poly vinyl chloride applied with mechanical barb, radiused edge to match top thickness, select from a minimum of twelve standard colors. **Grommets:** Each work surface to contain one 2.25" grommet. Grommet is two piece with removeable cover and cord only section. Location to be in back, left, right, or centered, as determined on drawing. **Frame:** Base unit to consist of , My office, cold rolled sheet steel legs, with metallic powdercoat finish. Beam construction to be extruded aluminum, with CPU and cableway access integrated into beam structure. Adjustable in height between 25"-33", T-leg style, with HI adjustment. (**Note:** One (1) desk shall be ADA accessible by means of hand crank height adjustment base (height range to be 25" low to 33" high). **Power and Data Race:** ABS Plastic fingers are standard with frame. Provide for underside surface/frame mounted metal or aluminum cable tray. Cable tray to hold and conceal electrical and data for standard cabling in computer lab configurations. CPU holder is made of aluminum with accommodation of CPU's with maximum height of 25" and a width of 10"-show as separate line item on bid. **Modesty Panel:** Constructed of extruded aluminum, attached with matching bracket. Modesty to provide no more than a 1.5" gap on underside of worksurface for cord management. Modesty panels to be standard with each worksurface and should match dimensionally with each

work surface. **Privacy Panel:** Provide tool panel, where tables are back to back, as shown in drawings. Tool panel is constructed of extruded aluminum with built in hanging rails for accessories. **Power strip module:** Each work surface is provided with an eight(8) standard outlets and surge protection, to be mounted on underside of worksurface, location to be determined. Cord to be a minimum of six (6) feet. Provide documentation showing product and part numbers called out, confirming bid price is complete.

FURNITURE AND FURNISHINGS

8. **Computer table-Hexagon FSC-004C**  
Half (2) hexagon work stations accommodating three persons for each half. 87 x 39 x 32H. 1" thick Panels made of ¾" oak or maple with laminate surface. All furniture stains must match the entire area.
9. **Computer table- 60" Round –FSC-004D**  
1" high pressure laminate surface and three inch round tubular legs. Grommet located in the center of table. Must meet ANSI/BIFMA standards.
10. **Printer Table Bid Item FSC-007, 007A And 007B**  
Equal to Heidt 445  
36 x 30  
48 x 24  
42 x 24  
Must have a hinged "flip top" door that runs the full length of the (backside) surface to easily access cable management system. Scratch resistant surface preferably solid oak with chair rail and metal trimmed frame.
11. **CPU Slings-FSC-008**  
Must match Computer Desk and Printer Tables for mounting to the left or right side of the work station. Must accommodate tower up to 10 inches wide x 17 ½ inches D x 21 to 23 inches H. Sling purchase could be split if computer desk and printer tables are from 2 different suppliers.
12. **Stools FCF-005**  
24" H to 33" H adjustable stools. 13" polypropylene plastic seat welded to adjustable powder coated leg frame.  
Color: TBD
13. **Cafeteria Tables- Convert. Bench , 12 & 16 stool- FCA-001, FCA-001A, FCA-001B** All tables should be 29" in height.  
Table Top and Bench:  
The core is ¾" particle board with average density of 45 PCF 20 mils phenolic backer is bonded to the bottom of the core. Table corners are radiused for safety. Top is laminated with Formica ,030 high pressure laminate. Meets or exceeds NEMA specifications. Top is secured to frame with #10 x ¾" screws 9" on centers. Total top thickness is ,800 +/- .020". Table edge is sealed with edge gard, a poly composition treatment that bonds to the core, laminate and backer and provides a sealed edge.  
Colors: TBD  
  
Table Undercarriage:  
All critical parts at the pivot points are attached to the unitized steel frame. Steel latches are automatic in both the storage and in use positions and are located in such a way that they cannot be accidentally opened or knocked out of adjustment. Down latch is field adjustable. Must meet ANSI/BIFMA standard.  
Table rolls on four 4" diameter x 1.25" wide poly II gray rubber, non marking, ball bearing swivel casters.  
  
Double Gard non tip device allows table to be folded flat (parallel tops) for minimum storage space Requirement. Device is permanent, fixed, non adjustable and cannot be disabled.

Unitized Frame:

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Self supporting, MIG welded, unitized frame design. Hinge plates and hinges are 11 gauge steel. Low profile 1 3/4" 16 gauge aprons with full 180 degree hem have effective strength of 11 gauge steel and provide maximum clearance under the top.

Center leg assemblies are 16 gauge 1", 1-9/16" and 1-3/8" steel tubing. Leg assemblies are gas metal arch welded construction (GMAW).

End leg assemblies are 14 gauge 1-1/18" and 1-1/4" and 11 gauge 1-1/4" steel tubing. End leg assemblies are gas metal arch weld construction (GMAW).  
Grade 5 hex machine bolts with aircraft type lock nuts or 5/16 rivets are used at all assembly points. Nylon bushings are included at all critical pivot points for ease of operation.

Metal is finished with high grade electrostatically applied, baked on epoxy powder to resist abrasion, marring and scratching.

**Performance Standards:**

Table must meet or exceed applicable national performance tests. UL listed: tested by Underwriters Laboratories Inc., and has met the new stringent safety standards contained in UL 2040, effective October 3, 2001.

Warranty: Must have 15 year warranty on material and workmanship free from abuse, vandalism, misuse, etc.

**Cafeteria Tables Stools 12 and 16 FCA-001, FCA-001A**

Tables must have minimum 13" diameter stool, high impact stain resistant polypropylene reinforced for strength. Vertical minimum 11 gauge steel support posts w/non marring rubber glides. Walk in design without straddling brace. All tables must have safety lock and be stow away and fold..  
Tops- Minimum 3/4 inch formica with vinyl bullnose edge. Color: TBD

14. **Library Tables (Reading) FME-001,FME-001A and**

Wood frame with Laminate Inlay Work Surface.  
60" x 30"  
90 x 36

See manufacturing specs in Section 01000 1A-General for wood and laminate requirements.

15. **Library Chairs-Reading FME-002**

Equal to Jasper 7933US-C Wood frame with upholstered seat and W/O arms. Sitting height 18" and sitting depth 16". Standard Grade fabric must meet fire retardant regulations.  
Color Fabric: TBD

**FURNITURE AND FURNISHINGS**

16. **STUDY CARRELS- FME-003**  
**Study Carrel, double faced 48 x 36 x 31 with adders and community panels See drawings for layout in Media Area.**  
See specifications in Section 0100-1A General.  
Finish: TBD
  
17. **Metal Cantilever Shelving/Bookcases FME –006-With End Panels FME-006A**  
Single Sided 42" x 12" x 36"  
Double sided 42" x 8"  
Finish: TBD  
See specifications in Section 1B-General-Section 01000
  
18. **Magazine Display FME-008**  
Metal Periodical shelving displays with wood laminate end panels minimum of 20 periodicals with waterfall design minimum of 11" deep shelves. 42 x 37. See manufacturing specifications in Section 01000 –1A-General.  
Finish: TBD
  
19. **Book Cart – 3 Shelf-FME-009**  
**Solid Oak book Truck, 40" high x 30" wide x 16" deep**  
**Finish : TBD**  
40" High x 30" wide x 16" deep with ¾" thick solid oak end panels and shelves that are permanently attached with both glue and screws for additional strength. With four 5" swivel casters bolted to the reinforced base. All interior and exterior hardware is concealed. Sloped or flat shelf designs with 12" clearance.
  
20. **Stools-Sled Base- FME-012**  
Equal to Texwood  
18" wood frame sled base stool with upholstered seat  
See manufacturing fabrication specs 1A-General- Section 01000
  
21. **Dictionary Stand FME-013**  
Solid Oak 44 x 24 x 15- ¼ inch on pedestal base with floor levelers and closed on three sides with adjustable shelves.
  
22. **OPAC Stand FME-014**  
43 x 23 x 18 hardwood with high pressure laminate with 3/8 inch solid wood edge banding.  
Keyboard mounted 3 ¼ inches below work surface with slide in slide out feature. Shelf for CPU, Printer or storage.
  
23. **Lap top storage –FME-015**  
Equal to Bretford High Capacity 3"H x 12"W x17"D welded Laptop 30 storage unit cart. Solid steel construction with 3 point locking doors with 3 outlet electrical unit for power. Individual cord holder for each laptop. Ventilation to cool equipment while charging. Two swivel and two rigid industrial casters.
  
24. **Metal Media Shelving-Cantilever ( FME-016) Size 84"h x 12"d x 36" w**  
Single and double faced **BOOK** shelving where identified made of 15 gauge steel tubular welded frames painted with powder coat finish. Must meet standards of American Library Association.  
See specifications in Section 1B-General-Section 01000

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25. **End Panels Cantilever Shelving- Wood Laminate(FME-016A)**  
¾" thick multi-ply melamine panels for single and double faced shelving for metal shelving, item FME-016.
26. **Sled Base Media Chair –FME 017**  
Equal to Texwood 18" wood frame sled base chair with wood arms and upholstered seat  
See Section for manufacturing specifications .  
  
Finish: TBD
27. **Mobile Carts with totes-FPR-002**  
Equal to Fleetwood  
Double column mobile gray steel frame storage cart. Must be able to accommodate 10 small (12 x 3 x 17) Grathell molded trays in colors of red, blue, and yellow.
28. **Flat Files 5 drawer-Bid Item FPR-004**  
Equal to Safco 4996  
48 x 36 Steel Flat File with five drawers with lock assembly.. Includes chrome drawer handles and label holders.. Built of steel construction with heavy steel side roller assembly with case hardened ball bearing rollers for smooth operation.  
Baked enamel finish with minimum 5 year warranty.
29. **Flat File Base Bid Item FPR-004A**  
Equal to Safco 4997 Closed Low Base to fit and match Flat File- 5 Drawer. Front should be recessed by 2 ¾ inches from file for toe space. All steel construction.
30. **Metal Storage –Bid Item FSR-001, FSR-001A AND FSR-001B**  
Equal to Lyon Metal Products  
48 x 12 x 84  
48 x 24 x 84  
36 x 24 x 84  
Steel shelving. Shelving shall comply with SMA and ANSI MH 28.1-1982.  
Posts shall be punched for clip or nut and bolt construction.  
  
Shelves: Performance-Medium Duty – Manufactured from cold rolled steel industrial shelves, 22 gauge or 20 gauge with front and rear B "W" formation. The front and rear "W" formation is not less than 1-11/64 x 27/32 x 1- 1/8 with a 9/16" return flange spot welded to bottom surface of shelf. The front and rear flanges of the shelf shall be punched to accept bin fronts, label holders and other accessories. Ends are to flanged not less than 1-11/64 with a 90 deg return flange of not less than 5/8". All corners lapped and welded. All shelves punched on 3" centers for divider attachment. The front and rear flanges of the shelf are to be embossed with 22" GA or 20" GA  
  
Lateral Cross Braces: 1" x 12 gauge band formed and punched at each end to bolt to upright post. One pair of lateral cross braces shall be used with every three shelving sections and with shelf spacings less than 30". Shelving sections with 30" or greater shelf spacings shall have two pairs of lateral cross braces with every three shelving sections.  
  
Closed Uprights: Two 16 gauge hot rolled, formed steel "T"s 1-1/2 x 2-1/8" x 1/8 with 24 gauge side sheet spot welded on 6" centers to the ½ extension of the "T".  
  
See Drawings for layout to determine the number of starter units and add on units. Field visit may be necessary.

#### FURNITURE AND FURNISHINGS

31. **“L” SHAPED WORK STATION FOF-002**  
Modular design 1” thermo fused melanine laminate surface and steel desk with two wire management grommets  
Right Single pedestal desk 66 x 36/24” with computer corner and 36 x 24 left return. Full extension file drawers.  
Supplier should double check measurements on drawing and in field before installation.
32. **LATERAL FILES FOF-005 AND FOF-005A**  
Equal to Hon Flagship w/ “K” pulls. Painted  
36” x 18 x 52 – 3 Drawer  
42” x 18” x 64” –5 Drawer
33. **READ TABLES- SQUARE FOF-006**  
42” X 42”Library Tables- Wood Frame with COLOR Laminate Inlay  
See manufacturing specifications in Section 01000 – 1A-General
34. **TABLES MULTI PURPOSE FOF-012 AND FOF-012A**  
Adjustable height 24”- 34” H in one inch increments. 3/8” thick band 12 gauge steel tubing legs.  
1 1/4” thick top made of high pressure laminate surface. Perimeter frame constructed of 14 gauge steel with corner brackets and powder coat finish.  
72 X 30  
72 X 24  
Color: TBD
35. **PERSONAL STORAGE FOF-013**  
Equal to HON Flagship w/”K” pulls. Right -File/File 30” W x 18”D x 64” h.
36. **VERTICAL FILES- 4 DRAWER FOF-014**  
Legal 4 drawer 18 w 1/4” x 26 1/2d x 52h with **LOCK**. Must meet ANSI/BIFMA AND ISTA standards  
Full suspension high wall drawers.
37. **OFFICE DESK W/PEDESTAL FILES- BOX/BOX/FILE(FOF-015) & FOF-015A**  
Equal to Hon 38000 series 28” H; bx/bx/file.  
Office Desk 60 x 30  
Office Desk 60 x 24 w/ overhead storage, 2 flipper doors. for stack on 30w x 16h. No Fabric.

FURNITURE SPECIFICATIONS

Lansing School District  
 Everett, Eastern and Sexton H. S.  
 Science, Computer and Media  
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 Lansing, Michigan 48933

Lansing Bid : SO#1320  
 PC Project No. 0106  
 GMB Architects/Engineering  
 Purchasing Concepts, Inc  
 Holland, Michigan 49423

### PLEASANTVIEW SUMMARY

Bid Item No.	Description	Program Code	Program Area	Location	Room Name	Qty per Room
FCA-001B	Cafeteria Tables- Conv. Bench		Café	Pleasant		2 40
FOF-015A	Teacher Desk 60 x 24 w/Overhead Pedestal File/bx/bx/file		Office	Pleasant		8 2
FOF-013	Personal Storage(Otto School)		Office	Pleasant		8 2
FSR-001A	Metal Shelving 48 x 24 x 84	Stage Craft		Pleasant		9 8
FSR-001B	Metal Shelving 36 x 24 x 84	Stage Craft		Pleasant		9 3
FOF-005A	Lateral File - 5 Drawer -42"	Stage Craft		Pleasant		9 1
FCF-015A	Teacher desk 60 x 30 w/Ped. File		Staff Ofc	Pleasant		21 3
FOF-005A	Lateral File - 3 Drawer -36"		Staff Ofc	Pleasant		21 1
FCF-005	Stools- 27"		Greenrm	Pleasant		6 4
FCF-015	Teacher Desk 60 x30 w/Ped. File	Classroom		Pleasant		25 1
FCF-015	Teacher desk 60 x 30 w/Ped. File	Classroom		Pleasant		26 1

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### SEXTON SUMMARY

<b>Bid Item No.</b>	<b>Description</b>	<b>Program Code</b>	<b>Program Area</b>	<b>Location</b>	<b>Room Name</b>	<b>Qty per Room</b>
FS-002	Science Tables 60 x 24	Science	Biology	Sexton	B-205	16
FS-003	Teacher Station 60 x 30	Science	Biology	Sexton	B-205	1
FSC-004	Computer Tables 36 x 30	Science	Biology	Sexton	B-205	1
FSC-007	Printer Table 36 x 30	Science	Biology	Sexton	B-205	1
FPR-001	Mobile Carts w/ 10 Totes	Science	Greenhse	Sexton	B-203A	4
FS-002	Science Tables 60 x 24	Science	Multi-Med	Sexton	B-203	16
FSC-007	Printer Table 36 x 30	Science	Multi-Med	Sexton	B-203	1
FS-003	Teacher Station 60 x 30	Science	Multi-Med	Sexton	B-203	1
FS-002B	Science Tables 84 x 24	Science	General	Sexton	B-209	4
FS-002	Science Tables 60 x 24	Science	General	Sexton	B-209	10
FSC-007	Printer Table 36 x 30	Science	General	Sexton	B-209	1
FS-003	Teacher Station 60 x 30	Science	General	Sexton	B-209	1
FSC-004	Computer Table 36 x 30	Science	General	Sexton	B-209	1
FPR-001	Mobile Carts w/ 10 Totes	Science	General	Sexton	B-209A	2
FS-003	Teacher Station 30 x 60	Science	Lecture	Sexton	B-211	1
FCF-001B	Student Desk-Combo/Tablet Arm	Science	Lecture	Sexton	B-211	30
FSC-007	Printer Table 36 x 30	Science	Lecture	Sexton	B-211	1
FS-002B	Science Tables 84 x 24	Science	Biology	Sexton	C-213	6
FS-002	Science Tables 60 x 24	Science	Biology	Sexton	C-213	7
FS-003	Teacher Station 60 x 30	Science	Biology	Sexton	C-213	1
FSC-004	Computer Tables 36 x 30	Science	Biology	Sexton	C-213	4



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FSC-003	Computer Tables 36 x 30	Science	Chemistry	Sexton	C-215	10
FPR-001	Mobile Carts w/ 10 Totes	Science	Chemistry	Sexton	C-215	3
FPR-004	Flat File Storage	Science	Chemistry	Sexton	C-215A	2
FPR-004A	Flat File Base	Science	Chemistry	Sexton	C-215A	1
FPR-001	Mobile Carts w/ 10 Totes	Science	Chemistry	Sexton	C-215B	1
	Science Tables 84 x 24-Epoxy					
FS-002A	Resin	Science	Physics	Sexton	C-217	11
FS-003	Teacher station 60 x 30	Science	Physics	Sexton	C-217	1
FCF-001B	Student Desk-Combo/Tablet Arm	Physics	Lecture	Sexton	C-219	32
FSC-007	Printer Table 36 x 30	Physics	Lecture	Sexton	C-219	1
FS-003	Teacher Station 60 X 30	Physics	Lecture	Sexton	C-219	1
FSC-007	Printer Table 36 x 30	Science	Lecture	Sexton	C-231	1
FCF-001B	Student Desk- Combo/Tablet Arm	Science	Lecture	Sexton	C-231	32
FS-003	Teacher Station 60 X 30	Science	Lecture	Sexton	C-231	1

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	Computer Tables 42 x 36						
FCF-009	(Markant)	Comp.	Lab	Sexton	C-304		30
FS-003B	Teacher Station 72 x 30(Kidney)	Comp.	Lab	Sexton	C-304		1
FSC-007	Printer Table 36 x 30	Comp.	Lab	Sexton	C-304		2
	Sled Base- Upholsterd Seat/ w/Arms						
FME-017		Study	Area	Sexton	A-112		24
FCF-001A	Study Tables - 36 x 60	Study	Area	Sexton	A-112		6
	Shelving (Custom Built) 84" x 8" Single	Study	Area	Sexton	A-112		TBD
	Shelving (Custom Built) 57" x 8" Single	Study	Area	Sexton	A-112		TBD
	Shelving (Custom Built) 42" x 8" Single	Study	Area	Sexton	A-112		TBD
	Shelving (Custom Built) 36" x 8" Single	Study	Area	Sexton	A-112		TBD
	End Panel- Estimate	Study	Area	Sexton	A-112		TBD
FSC-004	Computer Tables 36 x 30	Study	Area	Sexton	A-112		8
FSC-008	CPU (Universal) Units	Comp.	Lab	Sexton	All Rms		88
FME-001A	Tables-Library 90 x 36		Media	Sexton	A-112		8
FSC-004C	Hexagon Computer Tables(2 halves)		Media	Sexton	A-112		3
FME-006	Bookcase 3 shelf-Double Sided 42"		Media	Sexton	A-112		6
FME008	Magazine Display -Double 42 x37		Media	Sexton	A-112		2
FSC-004D	Computer Table-Round 60"		Media	Sexton	A-112		1
Fof-012B	Table- Miscellaneous 36 x 30		Media	Sexton	A-112		1
FME-009	Book Cart		Media	Sexton	A-112		1
FSC-004C	1/2 Hexagon Computer		Media	Sexton	A-112		2
	Computer Tables 42 x 36						
FCF-009	(Markant)	Comp.	Lab	Sexton	A-226		32
FSC-007	Printer Table 36 x 30	Comp.	Lab	Sexton	A-226		2
FS-003A	Teacher Station 72 x 30(kidney)	Comp.	Lab	Sexton	A-226		1

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## EVERETT SUMMARY

<b>Bid Item No.</b>	<b>Description</b>	<b>Program Code</b>	<b>Program Area</b>	<b>Location</b>	<b>Room Name</b>	<b>Qty per Room</b>
FS-002	Science Tables 60 x 24-Epoxy Resin	Science	Biology	Everett	D-001	16
FS-003	Teacher Station 60 x 30	Science	Biology	Everett	D-001	1
FSC-004	Computer Tables 36 x 30	Science	Biology	Everett	D-001	1
FSC-007	Printer Table 36 x 30	Science	Biology	Everett	D-001	1
FS-002	Science Tables 60 x 24 - Epoxy Resin	Science	Biology	Everett	D-002	16
FS-003	Teacher Station 60 x 30	Science	Biology	Everett	D-002	1
FSC-004	Computer Table 36 x 30	Science	Biology	Everett	D-002	1
FSC-007	Printer Table 36 x 30	Science	Biology	Everett	D-002	1
FPR-002	Mobile Carts w/10 totes	Science	Hall	Everett	D-001D	1
FPR-004	Flat File Storage - 5 Drawer	Science	Hall	Everett	D-001D	2
FPR-004A	Flat File-Base	Science	Hall	Everett	D-001D	1
FPR-002	Mobile Carts w/10 totes	Science	Prep Rm	Everett	D-001E	3
FS-002	Science Tables 60 x 24-Epoxy Resin	Science	Biology	Everett	D-004	16
FSC-007	Printer Table 36 x 30	Science	Biology	Everett	D-004	1
FSC-004	Computer Tables 36 x 30	Science	Biology	Everett	D-004	1
FS-003	Teacher Station 60 x 30	Science	Biology	Everett	D-004	1
FSC-004	Computer Tables 36 x 30	Science	Biology	Everett	D-005	1
FS-003	Teacher Station 60 x 30	Science	Biology	Everett	D-005	1
FS-002	Science Tables 60 x 24-Epoxy Resin	Science	Biology	Everett	D-005	16
FSC-007	Printer Tables 36 x 30	Science	Biology	Everett	D-005	1
FPR-004A	Flat File-Base	Science	Biology	Everett	D-006A	1
FPR-004	Flat File Storage	Science	Prep Rm	Everett	D-006A	2
FS-002	Science Tables 60 x 24-Epoxy Resin	Science	General	Everett	D-101	16
FSC-004	Computer Tables 36 x 30	Science	General	Everett	D-101	1
FSC-007	Printer Table 36 x 30	Science	General	Everett	D-101	1
FS-003	Teacher Station 60 x 30	Science	General	Everett	D-101	1
FOF-002	Work Station- L Station	Science	Office	Everett	D-214A	2
FOF-005	Vertical Files-Legal 26 1/2"d x 52" h	Science	Office	Everett	D-214A	3
FME-009	Book Carts	Science	Office	Everett	D-214A	1

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FS-002	Science Tables 60 x 24-Epoxy Resin	Science	Physics	Everett	D-201	16
FSC-007	Printer Table 36 x 30	Science	Physics	Everett	D-201	1
FSC-004	Computer Tables 36 x 30	Science	Physics	Everett	D-201	1
FS-003	Teacher Station 60 x 30	Science	Physics	Everett	D-201	1
FS-003	Teacher Station 60 x 30	Science	Office	Everett	D-201A	2
FPR-004A	Flat File Base	Science	Office	Everett	D-201B	1
FPR-004	Flat File Storage	Science	Prep Rm	Everett	D-201B	2
FPR-002	Mobile Carts w/10 totes	Science	Prep Rm	Everett	D-201B	4
FSC-007	Printer Table 36 x 30	Science	Forensic	Everett	D-205	1
FSC-004	Computer Tables 36 x 30	Science	Forensic	Everett	D-205	1

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FS-003	Teacher Station 60 x 30	Science	Forensic	Everett	D-205	1
FS-002	Science Tables 60 x 24-Epoxy Resin	Science	Forensic	Everett	D-205	16
FSC-004	Computer Tables 36 x 30	Comp.	Lab	Everett	D-210	30
FS-003A	Teacher Station 72 x 30 Kidney shaped	Comp.	Lab	Everett	D-210	1
FSC-007B	Printer Table 42 x 24	Comp.	Lab	Everett	D-210	2
FSC-007	Printer Table 36 x 30	Comp	Lab	Everett	D-210	1
FME-017	Sled Base -Wood w/upolster seat		Media	Everett	D-214	34
FME-002	Library Chairs-Reading		Media	Everett	D-214	24
FCF-002	Library Reader Tables 60 x 36		Media	Everett	D-214	6
FME-014	OPAC Stand		Media	Everett	D-214	2
FME-008	Magazine Display		Media	Everett	D-214	3
FME-006	Bookcases- Low 3 shelf		Media	Everett	D-214	51
FME-013	Dictionary Stand		Media	Everett	D-214	1
FME-009	Book Carts		Media	Everett	D-214	3
FOF-007	Library Tables - Sq. 42 x 42		Media	Everett	D-214	8
FPR-004	Flat Files		Media	Everett	D-214	2
FPR-004A	Flat File Base		Media	Everett	D-214	1
FME-003	Study Carrels Tables 90 x 72		Media	Everett	D-214	6
FS-002	Science Tables 60 x 24-Epoxy Resin	Science	General	Everett	D-301	16
FSC-007	Printer Table 36 x 30	Science	General	Everett	D-301	1
FS-003	Teacher Station 60 x 30	Science	General	Everett	D-301	1
FSC-004	Computer Tables 36 x 30	Science	General	Everett	D-301	1
FS-003	Teacher Station 60 x 30	Science	Office	Everett	D-301A	2
FPR-002	Mobile Carts w/10 totes	Science	Prep Rm	Everett	D-301B	3
FCF-001B	Student Combo/Tablet arm	Science	Chemistry	Everett	D-305	32
FS-003	Teacher Station 60 x 30	Science	Chemistry	Everett	D-305	1
FSC-004	Computer Table 36 x 30	Science	Chemistry	Everett	D-305	1
FSC-004A	Computer Tables 42 x 36 (Markant)	Comp.	Lab	Everett	D-313	32
FS-003A	Teacher Station 72 x 30 Kidney shaped	Comp.	Lab	Everett	D-313	1
FSC-004A	Computer Tables 42 x 36 (Markant)	Comp.	Lab	Everett	D-314	32
FS-003A	Teacher Station 72 x 30 Kidney shaped	Comp.	Lab	Everett	D-314	1
FSC-008	CPU ( Universal) Unit	All Rooms		Everett		83

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### EASTERN SUMMARY

<b>Bid Item No.</b>	<b>Description</b>	<b>Program Code</b>	<b>Program Area</b>	<b>Location</b>	<b>Room Name</b>	<b>Qty per Room</b>
FS-002	Science Tables 60 x 24 Epoxy Resin	Science	Biology	Eastern	B-122	16
FS-003	Teacher Station 60 x 30	Science	Biology	Eastern	B-122	1
FSC-004	Computer Tables 36 x 30	Science	Biology	Eastern	B-122	1
FSC-007	Printer Table 36 x 30	Science	Biology	Eastern	B-122	1
FCF-001B	Student Combo/Tablet Arm	Science	Chemistry	Eastern	B-123	32
FS-003	Teacher Station 60 x 30	Science	Chemistry	Eastern	B-123	1
FSC-004	Computer Table 36 x 30	Science	Chemistry	Eastern	B-123	1
FSC-007	Printer Table 36 x 30	Science	Chemistry	Eastern	B-123	1
FPR-002	Mobile Carts w/10 totes	Science	Prep Rm	Eastern	B-124	4
FPR-004	Flat File Storage	Science	Prep Rm	Eastern	B-124	2
FPR-004A	Flat File Base	Science	Prep Rm	Eastern	B-124	1
FPR-002	Mobile Carts w/10 totes	Science	Prep Rm	Eastern	B-125	4
FS-002	Science Tables 60 x 24 Epoxy Resin	Science	Biology	Eastern	B-126	14
FS-003	Teacher Station 60 x 30	Science	Biology	Eastern	B-126	1
FSC-004	Computer Tables 36 x 30	Science	Biology	Eastern	B-126	1
FSC-007	Printer Table 36 x 30	Science	Biology	Eastern	B-126	1
FCF-001B	Student Combo/Tablet Arm	Science	Chemistry	Eastern	B-127	32
FS-003	Teacher Station 60 x 30	Science	Chemistry	Eastern	B-127	1
FSC-004	Computer Tables 36 x 30	Science	Chemistry	Eastern	B-127	1
FSC-007	Printer Table 36 x 30	Science	Chemistry	Eastern	B-127	1
FS-002	Science Tables 60 x 24 Epoxy Resin	Science	Sp. Ed	Eastern	B-128	6
FS-003	Teacher Station 60 x 30	Science	Sp. Ed	Eastern	B-128	1
FSC-004	Computer Tables 36 x 30	Science	Sp. Ed	Eastern	B-128	4
FSC-007	Printer Table 36 x 30	Science	Sp. Ed	Eastern	B-128	1
FCA-001	Cafeteria Tables 16 Stool	Café	Dining	Eastern	C-140	9
FCA-001A	Cafeteria Tables 12 Stool	Café	Dining	Eastern	C-140	8
FSR-001	Metal Shelving 48" x 12" x 84"		Dry Store	Eastern	C-139A	4
FSC-004A	Computer Tables 42 x 36 (Markant)	Comp.	Lab	Eastern	A-214	33
FS-003A	Teacher Station 72 x 30(Kidney Shaped	Comp.	Lab	Eastern	A-214	1
FOF-012A	Tables- Miscellaneous 72 x 30	Comp.	Lab	Eastern	A-214	5

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FCF-001	Computer Tables 36 x 24	Media	Eastern	A-211	33
FME-012	Stool Sled Base- upholst. Seat	Media	Eastern	A-211	8
FME-006A	Bookcases –42" 3 Shelf-Double	Media	Eastern	A-211	56
FME-006	Bookcases –42" 3 Shelf-Single	Media	Eastern	A-211	30
FOF-012A	Tables- Miscellaneous 72 x 24	Media	Eastern	A-211	1
FS-003	Teacher Station 72 x 24	Media	Eastern	A-211	1
FME-002	Library Reading Chairs	Media	Eastern	A-211	40
FME-003	Study Carrels	Media	Eastern	A-211	6
FME-011	Lap Top Storage w/Electrical 30 x 42 x 28	Media	Eastern	A-211	1
FME-016A	End Panels /84" shelving	Media	Eastern	A-211	TBD
FME-016	Metal Media Shelving- 84" high	Media	Eastern	A-211	38
FME-013	Dictionary Stand	Media	Eastern	A-211	1
FME-009	Atlas Stand	Media	Eastern	A-211	1
FS-007A	Printer Table 48 x 24	Media	Eastern	A-211	1

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FME-008	Magazine Displayer	Media	Eastern	A-211	2	
FME-001	Library Tables 60 x 30	Media	Eastern	A-211	10	
FME-009	Book Cart	Media	Eastern	A-211	3	
FS-002	Science Tables 60 x 24-Epoxy Resin	Science	Biology	Eastern	C-237	16
FS-003	Teacher Station 60 x 30	Science	Biology	Eastern	C-237	1
FSC-004	Computer Table 36 x 30	Science	Biology	Eastern	C-237	1
FSC-007	Printer Table 36 x 30	Science	Biology	Eastern	C-237	1
FPR-002	Mobile Carts w/ 10 totes	Science	Prep Rm	Eastern	C-237B	2
FS-002	Science Tables 60 x 24 - Epoxy Resin	Science	Biology	Eastern	C-238	16
FS-003	Teacher Station 60 x 30	Science	Biology	Eastern	C-238	1
FSC-004	Computer Table 36 x 30	Science	Biology	Eastern	C-238	1
FSC-007	Printer Table 36 x 30	Science	Biology	Eastern	C-238	1
FCF-001B	Student Combo/Tablet Arm	Science	General	Eastern	C-240	32
FS-003	Teacher Station 60 x 30	Science	General	Eastern	C-240	1
FSC-004	Computer Table 36 x 30	Science	General	Eastern	C-240	1
FSC-007	Printer Table 36 x 30	Science	General	Eastern	C-240	1
FPR-002	Mobile Carts w/ 10 totes	Science	Prep Rm	Eastern	C-240A	3
FPR-004A	Flat File Base	Science	Prep Rm	Eastern	C-240A	1
FPR-004	Flat File Storage	Science	Prep Rm	Eastern	C-240A	2
FCF-001	Student Table- Single	Life Skill	Eastern	C-248	16	
FS-003	Teacher Station 60 x 30	Life Skill	Eastern	C-248	1	
FSC-007	Printer Table 36 x 30	Life Skill	Eastern	C-248	1	
FSC-004	Computer Tables 36 x 30	Life Skill	Eastern	C-248	5	
FS-002	Science Tables 60 x 24	Science	General	Eastern	B-320	16
FS-003	Teacher Station 60 x 30	Science	General	Eastern	B-320	1
FSC-004	Computer Tables 36 x 30	Science	General	Eastern	B-320	1
FSC-007	Printer Table 36 x 30	Science	General	Eastern	B-320	1
FPR-002	Mobile Carts w/ 10 totes	Science	Prep Rm	Eastern	B-320C	2
FPR-004A	Flat File Base	Science	Prep Rm	Eastern	B-320C	1
FPR-004	Flat File Storage	Science	Prep Rm	Eastern	B-320C	2
FCF-009	Computer Tables 42 x 36 -	Comp.	Lab	Eastern	B-323	30
FS-003B	Teacher Station 72 x 30(Kidney Shaped	Comp.	Lab	Eastern	B-323	1
FSC-007	Printer Table 36 x 30	Comp.	Lab	Eastern	B-323	1
FS-002	Science Tables 60 x 24	Science	Physics	Eastern	B-328	16
FS-003	Teacher Station 30 x 60	Science	Physics	Eastern	B-328	1
FSC-004	Computer Tables 36 x 30	Science	Physics	Eastern	B-328	1

Lansing School District  
Everett, Eastern and Sexton H. S.  
Science, Computer and Media  
Pleasantview Magnet -Café/Classroom  
Lansing, Michigan 48933

Lansing Bid : SO#1320  
PC Project No. 0106  
GMB Architects/Engineering  
Purchasing Concepts, Inc  
Holland, Michigan 49423

FSC-007	Printer Table 36 x 30	Science	Physics	Eastern	B-328	1
FPR-004	Flat File Storage	Science	Prep Rm	Eastern	B-328A	2
FPR-004A	Flat File Base	Science	Prep Rm	Eastern	B-328A	1
FPR-002	Mobile Carts w/10 totes	Science	Prep Rm	Eastern	B-328A	4
FSC-008	CPU (Universal) Units	All Rooms		Eastern		127

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See Appendice I- School Safety Initiative