

**INVITATION TO BID (ITB)
MOBILE AND STATIONARY FILING SYSTEMS AND SHELVING
SOLICITATION NO. 300005308
MAY 5, 2016**

OVERVIEW

The purpose of this Invitation to Bid is to establish a statewide contract for High Density Mobile and Stationary Filing Systems and Shelving for use by state agencies, eligible political subdivisions and quasi-agencies. This contract will be a discount off the catalog list prices.

The need for high density mobile and stationary filing systems and shelving is based on contract release orders with an approximate annual value of \$2,000,000.00 during the current three (3) year contract period. This amount is exclusive of any purchases resulting from a spot bid or purchases below the bidding threshold (\$5,000.00). This solicitation references this estimate as a general indication of the historical purchases of the State. No commitment of any kind is made concerning the estimated value or potential users of this contract.

The catalog(s) from which prices are submitted shall contain a variety of selections and a full range of products such as 1) mobile high density filing systems, 2) stationary high density filing systems and 3) shelving. All items eligible for purchase shall be included in the catalog(s). Item offerings from a general website are not permissible.

It is the State's intent to award contracts to all responsive bidders who do not exceed a 10% differential between the lowest and highest responsive bids being considered for an award for an initial twelve (12) month period with two (2) options to renew for a total period not to exceed thirty six (36) months (also refer to Award Of Contract (No. 6) on the Bid Form).

MANADATORY REQUIREMENTS AND INSTRUCTION TO BIDDERS

Notice: Each bidder is solely responsible for the accuracy and completeness of their bid. Errors or omissions may be grounds for rejection, or may be interpreted in favor of the State. The following procedures are mandatory as noted. Variations, if any, will be implemented at the sole discretion of the State, and will apply equally to all prospective bidders. In addition to these mandatory administrative requirements, there are other mandatory terms and conditions contained in this invitation for bid, including but not limited to, the General Conditions and the Specifications. The following calendar of events is to be followed:

CALENDAR OF EVENTS**

Release of Invitation to Bid	May 6, 2016
Deadline to receive inquiries	May 17, 2016
Response to inquiries	May 24, 2016
Bid opening date	June 1, 2016

****The State of Louisiana reserves the right to deviate from these dates**

1. Bidder Inquiry Period

An initial inquiry period is hereby firmly set for all interested bidders to perform a detailed review of the bid documents and to submit any written questions relative thereto. *Without exception*, all questions *MUST* be in writing and received by the close of business on the Inquiry Deadline date set forth in the Calendar of Events. Initial inquiries shall not be entertained thereafter.

The State shall not and cannot permit an open ended inquiry period, as this creates an unwarranted delay in the procurement cycle and operations of our agency customers. The State reasonably expects and requires *responsible and interested* bidders to conduct their in-depth bid review and submit inquiries in a timely manner. Thereafter, all bid documents, including but not limited to the specifications, terms, conditions, typical, etc., will stand as written and/or amended by any addendum issued as a result of the bidders conference and inquiry period.

NOTE: LaPAC is the State's online electronic bid posting and notification system resident on the Office of State Purchasing's website (<http://www.doa.louisiana.gov/osp/osp>) and is available for vendor self enrollment. In that LaPAC provides an immediate e-mail notification to subscribing bidders that a solicitation and any subsequent addenda have been let and posted, notice and receipt thereof is considered formally given as their respective posting dates.

Inquiry Instructions

No decisions or actions shall be executed by any bidder as a result of any oral discussions with any state employee or state consultant. The State shall only consider written and timely communications from bidders. Inquiries shall be submitted in writing by an authorized representative of the bidder, clearly cross-referenced to the relevant solicitation section. Only those inquiries received by the established deadline shall be considered by the State. Answers to questions that change or substantially clarify the solicitation shall be issued by an addendum and provided to all prospective bidders. Inquiries concerning this solicitation may be delivered by mail, express courier, e-mail may deliver inquiries concerning this solicitation, by hand or fax to:

Paulette Tilley
Office of State Procurement
1201 North 3rd Street, Suite 2-160 (70802)
P.O. Box 94095
Baton Rouge, LA 70804-9095
Fax: 225-342-9060
E-mail: paulette.tilley@la.gov

2. Bid Submittal

A complete submittal is required for a bid to be accepted. Bids submitted on forms other than those provided by the Office of State Procurement will not be considered. Each bid must be written in ink or typewritten and signed in ink (pencil is not acceptable). Any price changes or corrections made on the bid form are to be initialed by the bidder. One (1) copy of the entire bid should be sealed in an envelope, which identifies the bid opening date and time, and the file number. **A complete bid submittal will include but is not limited to the following:**

- A. Properly completed Bid Form (attachment I) on the format supplied by State Purchasing. **(Required with the bid.)**

- B. Dated manufacturer catalog(s) showing the complete component line bid and list prices. Refer to Special Conditions for additional product catalog requirements. The State shall not accept a price list that has been specifically customized to include only those items that are included in the Typical A through G. **(Required with the bid.)**
- C. **Bidder's Louisiana Contractor's License Number must appear on the outside of the bid envelope.** Refer to Special Conditions for additional contractor licensing requirements. **(Required with the bid.)**

In accordance with R.S. 37:2163A, the Contractor's License Number in the appropriate classifications such as, but not limited to, building construction or the specialty of furnishing and installing fixtures, furniture and instructional equipment, must appear on the bid opening envelope on all projects in the amount of \$50,000.00 or more. The contractor and all subcontractors shall be licensed to do business pursuant to the laws and regulations of the Louisiana Contractor's Licensing Board. All bids not in compliance with this requirement shall be automatically rejected and not read.

- D. Completed Filing Systems Typical A-G worksheets, pages 39 through 62. **(Required with the bid.)**
- E. Resume' including bidder's experience with respect to the products bid in terms of years, sales volume, listing of staff and vendor/manufacturer's qualifications as outlined in the Manufacturer/Vendor Specifications should be submitted with the bid or be provided within ten (10) days of request by the Office of State Purchasing.
- F. Written verification and documentation of bidder's utilization of a registered or licensed interior designer should be submitted with the bid or to be provided within ten (10) days of request by the Office of State Purchasing. (See Manufacturer/Vendor Specifications.)
- G. List containing customer name, location, contact and phone number of one (1) comparable installation for each of the following configurations referenced in the bid; Typical B (Case Type Stationary Shelving); Typical C (Cantilever Stationary Shelving); Typical D (Mechanical Assist / 4 Post Shelving); and Typical F (Electric / 4 Post Shelving / Drawers & Hinged Doors); should be submitted with the bid or be provided within ten (10) days of request from the Office of State Purchasing. This list is not intended to include all configurations, but to establish a standard of quality.
- H. Specifications literature verifying compliance to the minimum published specifications.

Note: The comparative specifications of the manufacturers' high density mobile filing systems and shelving systems products listed below were used in the development of these specifications. However, it is the explicit responsibility of the bidder/manufacturer to assure compliance with these specifications and to advise the Office of State Purchasing prior to bid opening of any deviations.

- | | |
|-------------|----------------------------------|
| -Spacesaver | -White's Aisle Saver (Burroughs) |
| -Montel | -Tab |
| -Aurora | -Tennessee Shelving |

Other systems and shelving of similar style, type, character, quality and purpose conforming to the detailed specifications may be considered for award.

If bidding other than the specific brands listed herein, sufficient information should be enclosed with the bid in order to determine quality, suitability, and compliance with the specifications. If not with

bid, this information must be submitted within five (5) days of request by the Office of State Purchasing.

An electric or mechanical assist high density filing system, fully configured shelving system using the same components depicted in Typical D or F, and a cantilevered system depicted in Typical C are to be made available for review within ninety (90) miles of Baton Rouge, Louisiana and within five (5) working days of notification.

It is incumbent upon the bidder to establish that any product proposed meets or exceeds the specifications herein, and that service, dealer, and manufacture's requirements can be satisfied.

- I. If a bidder submits more than one bid (this applies to alternates), they should be submitted as a complete and separate package.

J. SPECIAL CONDITIONS

1. The contractors will be required to assume responsibility for all items offered in their bid whether or not they manufacture them. Further, the State will consider the contractors to be the sole point of contact with regard to contractual matters.
2. Annual Contract Reporting Requirements: The Contractor shall provide to the Office of State Procurement a comprehensive usage report no later than ninety (90) days prior to the expiration of each contract period. The Office of State Purchasing reserves the right to validate the accuracy of the information in all required reports. The contents of the report shall include, but not necessarily be limited to, a breakdown of purchases by category of shelving reflecting purchases in both dollar amounts and quantities purchased in descending order, including the contract line number, item name, product number, list price, applicable discount and net discounted price.
3. Right to Audit: The State Legislative Auditor, Federal Auditors, and Internal Auditors of the Division of Administration, or others designated by the DOA, shall have the option to audit all accounts directly pertaining to the contract for a period of five (5) years from the date of the last payment made under this contract. Records shall be made available during normal working hours for this purpose.
4. At the option of the State of Louisiana and acceptance by the contractor, this contract may be extended for four (4) additional twelve (12) month periods at the same price, terms and conditions. Contract not to exceed sixty (60) months.
5. Price Adjustments: The price list(s) bid shall remain firm and effective for the duration of the contract period. Price adjustments will be considered for subsequent renewals. The contractor must submit written request for price adjustments to the Director of State Purchasing at least thirty (30) days prior to the periods of expiration. No adjustment shall be effective until approved in writing by the Office of State Purchasing. The State reserves the right to accept or reject the price adjustment or re-bid the contract. Orders shall be invoiced at the contract prices in effect on the date of the agency's release order.

Price adjustments shall be based on the Producer Price Index (PPI) for Product Code 3312-3312 "Steel Products Manufactured from Purchased Steel" as published by the Bureau of Labor Statistics, U. S. Department of Labor, Washington, DC. The base index shall be the index announced for the month in which this contract originates. Price adjustments (percentage change) shall not be greater than the percentage of change to the base index compared to the latest index available at time of price

adjustment request. Any additional price adjustment granted after the initial one will be calculated based on the index announced for the month in which the previous price increase became effective compared to the latest index available at that time. Price adjustments shall be applied to the price list(s) currently in effect. Contractor must provide documentation that the price adjustment requested does not result in contract prices that are higher than the manufacturer's most current price list.

In lieu of the above price adjustment procedure, the vendor may request a catalog(s)/price list(s) update each renewal period. Only catalogs that contain the series on the current contract will be considered. Any series contained in the catalog that are not on contract will be excluded. Price adjustment will be accepted if it is determined by the Office of State Purchasing that the updated price list(s), compared to the previous price lists(s), does not exceed the change reflected in the PPI data. A copy of the new catalog(s)/price list(s) shall accompany the written request for the price adjustment, along with a copy of the seven typical, in the original bid document that shall contain the prices that are in the new catalog(s)/price list(s). If the updated price list reflects an increase that exceeds that shown by the PPI data, then the updated price list will be rejected.

The quoted discount(s) shall remain the same throughout the terms of the contract.

6. Product Catalog:

The catalog from which prices are quoted shall be submitted with the bid. Failure to submit a copy of the catalog and/or prices list with the bid will result in rejection of the bid. The pricing on the typical will be verified by State Purchasing against the submitted current price list. Any discrepancies will be corrected using the prices in the price list.

The catalog from which the bidder's discount is quoted must be the most current catalog available at the time of the bid opening. Any terms and conditions contained in the contractor's catalog contrary to those of the State of Louisiana are nullified. The solicitation and any resultant contract award shall contain all terms and conditions with respect to the commodities herein.

The bidder's catalog shall be dated and shall contain a full-line of filing systems items. The catalog should include detailed descriptions of the products, list prices (list price sheets covering all items in the catalog may be provided, if prices are not printed in the actual catalog), including pictures of the products. The price list must be a public published price list. The State shall not accept a price list that has been specifically customized to include only those items that are included in Typical A through G, pages 39 through 62.

3. The successful bidder(s) will be required to provide the following additional items:

- A. The successful bidder will be required to provide a complete set of finish options to the Office of State Procurement.
- B. Certificate of Insurance as specified in the Special Conditions.
- C. The contractor's license(s) number of any distributors or dealers to be utilized as a result of an award.

4. The instructions below should be followed in completing the Bid Form:

- A. Fill-in the Bidder information, including name, address contact person and phone number.
- B. Acknowledge receipt of any addenda, by filling in the addendum's number and date.
- C. Fill in the Cooperative Purchase, Louisiana Product Preference and U.S. Product sections.
- D. Fill in the Typicals A-G worksheets

Begin with the Typical worksheets included in this packet (Attachment II). Figure the list price for each worksheet type (A-G), including all components, parts, hardware, etc. as specified and depicted, and enter on the individual filing system worksheet. Enter this total list price for each worksheet.

The Bidder will then multiply his discount percentages equals the “% off list price” (which correlates with the % entered for Total Net Cost) for each of the four (4) purchasing tiers (re: volume tiers of the Bid Form) times the list price and fill in these amounts on the table for each worksheet type. These figures should be for the total net installed price per worksheet with standard delivery. In the case of discrepancies, the quoted Net Product Cost % will override the calculated net installed price.

Once all worksheet prices for each tier have been calculated and entered, the Bidder is to calculate the weighted average cost of a Typical worksheets for each tier, using the factors provided on the chart (Ex. A-G, totaling 100%.) For example, for the first tier, multiply 3% time the net price for Typical A in Tier1, then multiply 5% times the net price for Typical B in Tier 1, multiply 2% times the net price for Typical C in Tier 1, etc. Total these values all the way down the Tier column to get the weighted Average. These calculations should be done for each pricing tier.

Fill-in the quick ship delivery up-charge (as a percent of list price), which would be added to the Net Product Cost. Fill in the percentage of deduction for no installation. Then fill in the design only (to be used for abandonment project fee calculation) referenced in the terms and conditions. All of these charges are only applicable when utilize.

The pricing will be verified by State Procurement against the submitted current price list. Any discrepancies will be corrected using the prices in the price list.

**ATTACHMENT I
BID FORM**

BID DATE: _____

TO:
State of Louisiana
Division of Administration Purchasing Section
1201 N 3rd. Street Ste. 2-160
P.O. Box 94095
Baton Rouge, Louisiana 70804-9095

PROPOSAL FOR: MOBILE AND STATIONARY FILING SYSTEMS AND SHELVING

THE BIDDER:
Acknowledges receipt of the following:

ADDENDA No. - _____ Date _____
 No. - _____ Date _____
 No. - _____ Date _____
 No. - _____ Date _____

THE BIDDER: Hereby declares and represents that he; a) has carefully examined the Bidding Documents, b) has a clear understanding of the Bidding Documents, c) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, and hereby proposes to provide all services including installation and materials as required to perform each contract order, in accordance with the Bidding Documents as issued by: State of Louisiana, Division of Administration, Purchasing Section.

1. The Contractor and all subcontractors shall be licensed to do business pursuant to the laws and regulations of the Louisiana Contractor's Licensing Board.
2. Delivery (Calendar Days) and Installation: The Bidder hereby agrees that he will initiate shipment from factory within four (4) to six (6) weeks after receipt of an order for standard delivery. Quick ship purchases must be delivered in fourteen (14) calendar days from receipt of an order. Installation will proceed in a timely fashion with a mutually agreed completion date in writing between the User Agency and the vendor. The scheduled completion date will be stated on the contract release order.
3. Liquidated Damages: The Bidder hereby also agrees to pay as Liquidated Damages for orders at \$100,001 (Tier III) and above, the sum of 1.0% of the purchase price for each consecutive calendar day beginning the first day after the mutually agreed upon completion date defined above under "Delivery and Installation".
4. Abandoned Projects Fee: If an agency decides to abandon a project when the vendor has already invested design time, the agency is liable for a portion of the vendor's design fee. If applicable, the vendor shall invoice the user based on percentage of design completion using the design fee percentage of list quoted on the purchase order. The design phase is considered complete at the point of order placement.
5. Payment Terms: If all components have been delivered and installed but there are mutually agreed upon outstanding parts or items an invoice may be submitted, however 1-1/2 times the value of the outstanding parts or items will be withheld until the project is 100% complete and accepted by the Agency User upon receipt of a final invoice..

6. Award Of Contract: Award of the Mobile and Stationary filing systems and Shelving contract shall be made in conformity with the Terms and Conditions, Mandatory Requirements, the Instruction to Bidders, this Bid Form, the General Specifications made a part hereof, and as provided by the Louisiana Procurement Code and the Rules and Regulations promulgated pursuant thereto. Contracts will be let to the successful bidder(s) for performance in strict compliance with the standards and specifications of the contract in all regards as to workmanship, stock, materials, delivery and services.

It is the State’s intent to award contracts to all responsive bidders who do not exceed a 10% differential between the lowest and highest responsive bids being considered for an award for an initial twelve (12) month period with four (4) options to renew for a total period not to exceed sixty (60) months.

Should multiple bids be received for the same manufacturer’s line of products, only the lowest responsive, responsible bidder among those bids will be considered for an award. Multiple awards will not be made to different bidders for the same manufacturer’s products.

Administrative Fee

Contractor shall pay a 1.5% administrative fee to the State of Louisiana, Office of State Procurement in exchange for the management and facilitation of this contract. The calculation of this fee includes any entity receiving contract pricing resulting from this contract. The fee shall be submitted quarterly and shall be based on the total net (gross sales minus returns, credits and deductions) sales to the State of Louisiana. The check shall be made payable to the State of Louisiana, Division of Administration, Office of State Procurement and mailed to the Office of State Procurement, Attn: Kara Allen, P. O. Box 94095, Baton Rouge, LA 70804-9095. The calculation of the administrative fee shall begin immediately upon execution of the contract and payment shall be made in accordance with the following schedule:

Rebate Quarterly Reporting Schedule

Quarter	Payment Period	Quarterly Payment Due Date
First Quarter	July 1 – September 30	October 31
Second Quarter	October 1 – December 31	January 31
Third Quarter	January 1 – March 31	April 30
Fourth Quarter	April 1 – June 30	July 31

7. Rejection Of Bids: The State reserves the right to reject any and all bids, to waive any informality in bids, and unless otherwise specified by the bidder, to accept any item in the bid. In case of error in the extension of prices in the bid, the unit prices will govern.

8. The Bid: Volume tiers are based on list price and indicate individual agency purchases, not the total contract volume within the Tier. Agencies normally purchase at Tiers I and 2 as shown by the breakdown below.

Each unit price should be itemized for each volume breakdown.

Tier I	\$0 - \$25,000 List
Tier II	\$25,001 - \$100,000 List
Tier III	\$100,001 - \$350,000 List
Tier IV	\$350,001 - and above (subject to Liquidated Damages)

PRICE LIST: Bidder should quote the manufacturer's most current and nationally recognized price list. A complete Price List must accompany your submittal. Bidder shall specify below the requested price information on the proposed product:

System Discounts are indicated on bid form (page 9).

Manufacturer and Brand Name of Shelving: _____

Price List and Date: _____

Manufacturer and Brand Name of Carriages: _____

Price List and Date: _____

.....
Accessories and Spare Parts for existing systems to include stationary shelving purchased without mobile carriage; as represented by the manufacturers and/or brands listed above.

% Off List Price: _____

Form A: Filing Systems Calculations

		NAME OF BIDDER:				
Solicitation#	Mobile and Stationary Filing Systems and Shelving					
Tier I (\$0-25,000 List)		% off List:			Quick Ship Upcharge (% of List)	
Tier II (\$25,001 - 100,000 List)		% off List:			Design Only (to be used for abandonment fee calculation (% of List))	
Tier III (\$100,001 - 350,000 List)		% off List:				
Tier IV (\$350,001 and Above List)		% off List:				
<u>Filing System</u>	<u>List Price</u>	<u>Factor</u>	<u>Tier I</u>	<u>Tier II</u>	<u>Tier III</u>	<u>Tier IV</u>
A	Total ----->	Total ----->				
	Adjusted Price ---->	3%				
B	Total ----->	Total ----->				
	Adjusted Price ---->	5%				
C	Total ----->	Total ----->				
	Adjusted Price ---->	2%				
D	Total ----->	Total ----->				
	Adjusted Price ---->	20%				
E	Total ----->	Total ----->				
	Adjusted Price ---->	25%				
F	Total ----->	Total ----->				
	Adjusted Price ---->	20%				
G	Total ----->	Total ----->				
	Adjusted Price ---->	25%				
Total Net Cost (1)						
Total Adjusted System Prices (2)						

Form B: Accessories and Spare Parts Calculations

<u>Filing System</u>	<u>List Price</u>	<u>Factor</u>	<u>Tier I</u>	<u>Tier II</u>	<u>Tier III</u>	<u>Tier IV</u>
Total Net Cost (Insert Figures from 1, Form A, pg 10A)	X	X				
13%* of Total Net Cost	X	X				
Accessories /Spare Part % Off List Price**		X				
Total Adjusted Accessories/ Spare Parts Prices (3)	X	X				

- * Historical contract usage calculates accessories and spare parts to be 13% of total usage dollars and therefore has been added as part of the calculated evaluation factor; therefore, multiply Total Net Cost by 13% to obtain dollar amount factor for Accessories/Spare Parts.
- ** Utilize % Off List Price as listed at the bottom of page 8 under "Accessories and Spare Parts."

Form C: Summary of Adjusted System Prices and Total Adjusted Accessories/Spare Parts Prices

<u>Filing System</u>	<u>List Price</u>	<u>Factor</u>	<u>Tier I</u>	<u>Tier II</u>	<u>Tier III</u>	<u>Tier IV</u>
Total Adjusted System Prices (Insert figures from 2, form A, pg. 10A)	X	X				
Total Adjusted Accessories/Spare Parts Prices (Insert figures from 3, Form B, pg. 10A)	X	X				
Total of Adjusted Filing System Prices and Accessories/Spare Parts Prices	X	X				
<p>Average cost per Filing System and Accessories/Spare Parts:</p> <p>The average cost per Filing System and Accessories/Spare Parts is the sum of the "Total Adjusted Filing System Prices and Accessories/Spare Parts Prices" for four tiers and divided by four. This will be the basis for the bid price comparison</p>						

GENERAL SPECIFICATIONS

MOBILE AND STATIONARY FILING SYSTEMS AND SHELVING

These general specifications establish the minimum requirements for Mobile and Stationary High Density Filing Systems and Shelving. The minimum acceptable requirements for manufacturer's extent of product line, design, materials, workmanship, performance, safety and services are set forth hereinafter. Pricing of Filing systems installation will include all items necessary to provide a complete and functioning work environment, including all power connectors for Electric Systems bracing and support for depicted components and configurations.

All components and accessories shall be of design, materials and workmanship to withstand hard daily usage over an extended life with a minimum of maintenance and repair. The manufacturer shall guarantee that for a period of 8 years from contract signing that components will be available. The shelving shall be compatible with the carriage system and shall coordinate in appearance. All shelving bid shall be from one manufacturer. All carriages bid shall be from one manufacturer.

PRODUCTS/DESIGN DETAILS

1. Track

- 1.1 Track shall be constructed of solid steel with a minimum 5/8" surface width. Top of track shall be flush with and not extend above the finished floor covering.
- 1.2 All track connection joints shall be designed to provide horizontal and vertical continuity between track sections, to gradually transfer the concentrated wheel point load to and from adjoining track sections and to prevent track separation.
- 1.3 Where stationary platforms end in an open area, a track skirt shall be installed to cover the gap created from the slab floor to the top of the track and elevated deck.
- 1.4 All tracks are to be securely fastened to the floor and grouted the entire length of the tracks to assure uniform load transmission to the floor, total rail support, and to minimize deflection.

2. Elevated Deck System:

- 2.1 An elevated deck shall be installed beneath the entire range length and between the track housings. Elevated deck shall be constructed of plywood, particle board, steel or structure wood.
- 2.2 A ramp of steel or plywood shall be provided at the front of the assembly to allow for a smooth transition from the main floor onto the deck.
- 2.3 The ramp shall not extend past the front of the units into the main access aisle.

- 2.4 Floor covering on ramp and elevated deck shall be provided by the State of Louisiana and installed by the contractor.
 - 2.5 Finished floor and floor covering shall create a flush surface with the top of the track.
3. **Carriage:**
- 3.1 Carriages shall be minimum 1000 lbs. per linear carriage foot capacity, shall be constructed of steel or aluminum alloy and be bolted, welded or riveted. Bolted carriages shall use steel bolts and vibration-proof hardware. Riveted carriages must use structural rivets. If carriages are bolted or riveted, there shall be no exposed bolt heads or rivet heads on the exposed carriage face.
 - 3.2 Carriage design shall be capable of safely retaining shelving sections to eliminate sliding or becoming dislodged off of carriage.
 - 3.3 Stationary platform construction shall be the same in materials, design and height as the movable carriage and shall be securely anchored to the tracks/floor underneath.
4. **Wheels:**
- 4.1 Wheels shall be guided by a roller guide, flanged guide or V-design in track, and shall be designed to be compatible with the type of track used.
 - 4.2 Wheels shall be constructed of solid steel, or cast iron, precision ground, balanced and hardened. All wheel bearings shall be permanently sealed, shielded and lubricated.
 - 4.3 Drive wheels shall be minimum 5" diameter.
5. **Mechanical Assist Operation:**
- 5.1 Each mobile carriage shall be equipped with a mechanical assist handle, which transmits power through a direct drive to the drive wheels. One pound of effort on the handle shall move a minimum of 3,000 pounds of carriage load.
 - 5.2 No more than seven (7) complete turns of the handle shall be required to open a 36"W aisle.
 - 5.3 The mechanical-assist system shall be completely enclosed behind an end panel to prevent tampering by unauthorized persons.
6. **Mechanical Assist Safety System:**

- 6.1 Each mechanical assist operator shall be equipped with a manually engaged safety lock device.

7. Electric Power and Controls:

- 7.1 Each carriage to be equipped with a 90 volt D.C. current limited, fractional horsepower gear motor.
- 7.2 System controls shall start motors sequentially to minimize power demands and shall brake motors to rest dynamically to provide smooth operation.
- 7.3 Overhead pantograph or in rail power and communications distribution system shall conceal all interconnecting wiring.
- 7.4 There shall be one carriage control handle or button for each movable carriage. The control shall have, at minimum, a RESET/STOP push-button and a backlit red reset light. All controls and indicator lights shall be solid state and shall provide visual indication of safety system operation.
- 7.5 Either a hand-held rechargeable or on-board rechargeable power override unit shall be used if there is total power failure to the system.
- 7.6 Entire system shall be U.L. listed. Proof of compliance shall be provided.
- 7.7 Modifications to the building to accommodate the power requirements for an electric system requiring electrical connections will be made by the State of Louisiana at no cost to the successful bidder. This will not include any final connections of the system itself to the buildings power source. The successful bidder will be required to use a licensed electrician to make all final connections to the mobile system.

8. Electric Safety System:

- 8.1 Every potential aisle shall be protected with one (1) safety sweep running the entire length of the movable carriage. When activated, the affected carriage shall hard-brake-stop. All other moving carriages shall soft-stop. Safety sweep location shall be identified by OSHA demarcation tape for visual identification.
- 8.2 A supervisor controlled safety system override key shall be provided for system. An audible warning beep will alert the user when the carriages are moving in this mode, since the safety system is not in operation.
- 8.3 Controls shall automatically lock aisle out once created. Provide a manual reset button on control head to reset carriages prior to movement and to facilitate a visual check of the aisle before initiation movement.

9. Face Panels:

- 9.1 All exposed ends of mobile carriages and stationary platforms shall have plastic laminate or steel face panels. Plastic laminate panels shall have a core of 45 lb. density particle board. Color is to be selected by the owner from manufacturer's standard finishes.
- 9.2 Panels shall cover the entire height and width of the shelving and carriage face.
- 9.3 Provide card holders and all other hardware for a complete installation.

SHELVING / CASE TYPE

Shelving:

- CT-1: Five basic parts: uprights, shelves, shelf supports, shelf reinforcements and dividers which are assembled without loose hardware, nuts, bolts, sway braces, gussets, clamps, brackets, adapters, accessories, modifications and special tools of any kind.
- CT-2: There shall be no holes on exposed surfaces, except that the shelves shall be punched for dividers and two holes for center stops.
- CT-3: Shelves shall be adjustable on 1½" or 2" centers.
- CT-4: Uprights shall be 76 ¼"H for all mobile shelving systems and 88 ¼"H for all stationary shelving. Total mobile shelving system height shall be approximately 84"H.

Case Uprights:

- CU-1: Uprights shall consist of 18-gauge cold rolled steel formed into either a 2" wide "T" shape common post or a 1" wide "L" shape end post, with keyhole-shaped slots on 1½" centers vertically on the inner face of the posts.
- CU-2: There shall be no holes on any visible surface.
- CU- Front and back posts shall be joined by two welded 24-gauge closure panels between the posts and flush with the outer edges of the uprights.
- CU-4: All 24"D and 30"D uprights shall have a stiffening channel formed along the vertical center line of the closure panel.
- CU-5: All row end uprights shall be "L" shape and all intermediate (common) uprights shall be "T" shape.

Shelf:

- SH-1: Formed of 22 gauge cold rolled steel with 3/4" flanges on all sides turned in front and back.
- SH-2: Shelves adjustable on 1 1/2" centers.
- SH-3: Shelf shall be slotted and punched to accept dividers and center stops.
- SH-4: Top shelves shall be non - slotted.

Shelf Supports:

- SS-1: Formed of 11 gauge steel for all 42"W sections and shall provide two (2) shelf supports per shelf.
- SS-2: Supports are to have double rivets except bottom supports on bottom shelf of all mobile systems, which will have single rivets, to eliminate gap between bottom shelf and top of carriage.

Shelf Reinforcement:

- SR-1: Shelf reinforcements shall be provided where one shelf is used for double entry or where single entry has a shelving depth which requires shelf reinforcements. All 42"W x 24"D shelves shall have two (2) shelf reinforcements and all 42"W x 30"D shelves shall have three (3) shelf reinforcements per shelf, excluding top shelf.

Dividers:

- SD-1: Formed of a minimum of 20 gauge steel and shall fit easily into slotted shelves, center stops and back stops.
- SD-2: There shall be two (2) dividers per shelf opening on all 42"W sections of shelving.

Center Stops:

- CS-1: Slotted center stops formed of 18 gauge steel with a formed channel at top and stiffener at bottom and slotted to accept dividers. Center stops to be used on all double face shelving sections and are to be attached with bolts and nuts. One (1) per double face shelf, excluding top shelf.
- CS-2: Center stops shall be installed as per manufacturer's specifications.

Back Stops:

- BS-1: Slotted back stops shall be formed of 18 gauge steel and slotted to accept dividers.

Back stops shall be used on all single face shelving sections. One (1) per single face shelf, excluding top shelf.

BS-2: Back stops shall be installed as per manufacturer's specifications.

Steel Backs:

SB-1: Steel shelving back shall be formed of a minimum of 24 gauge steel and closes off the back of the shelving section.

Back Holder:

BH-1: Back holder shall be formed of a minimum of 20 gauge steel and holds the top of steel shelving back in place.

Hinged Doors:

HD-1: Hinged doors shall be formed of a minimum of 20 gauge steel and are designed in pairs to enclose a full height section of shelving and provide security for contents. Doors are center opening and should have a two-point locking rod and keyed lock core.

SHELVING / 4-POST "LT"

Shelving:

LT-1: Five basic parts: uprights, shelves, shelf supports, shelf reinforcements and dividers which are assembled without loose hardware, nuts, bolts, sway braces, gussets, clamps, brackets, adapters, accessories, modifications and special tools of any kind.

LT-2: There shall be no holes on exposed surfaces, except that the shelves shall be slotted and punched for dividers and 2 holes for center stops.

LT-3: Shelves shall be adjustable on 1 ½" or 2" centers.

LT-4: Uprights shall be 76 ¼"H for all mobile shelving systems and 88 ¼"H for all stationary shelving. Total mobile shelving system height shall be approximately 84"H.

"LT" Closed Uprights:

LTCU-1: Formed from two (2") wide 18 gauge cold rolled steel posts rolled into a double wall "T" formation (or "L" formation at row ends) with keyhole slots on 1 ½" centers on the inner wall only.

LTCU-2: There shall be no holes on any visible surface.

- LTCU-3: Front and back posts shall be joined by welded 24 gauge closure sheet to give the required upright depth rigidity and base for erection.
- LTCU-4: Closed "L" uprights shall be used for row ends. See system component list for closed "T" requirements.

"LT" Open Uprights:

- LTOU-1: Formed from 18 gauge cold rolled steel, rolled in a 2" hollow "T" or 1" wide hollow "L" shape, with keyhole slots on 1 1/2" centers on the inner wall only.
- LTOU-2: There shall be no holes in the exposed surface of the post.
- LTOU-3: Front and back post shall be joined by welding 18 gauge spacers to maintain the required distance and add rigidity to the assembly.
- LTOU-4: Open "T" upright shall be used as a common (intermediate) upright between units where noted. See system component list for open upright requirements and where closed "T" uprights are to be used as common (intermediate) uprights between units

Shelf:

- SH-1: Formed of 22 gauge cold rolled steel, for filing applications, or 18 gauge cold rolled steel, for storage applications, with 3/4" flanges on all sides turned in front and back. See system component list for 18 gauge or 22 gauge shelf requirements.
- SH-2: Shelves adjustable on 1 1/2" centers.
- SH-3: Shelf may be slotted and punched to accept dividers and center stops.
- SH-4: Top shelves shall be non - slotted.

Shelf Supports:

- SS-1: Formed of 11 gauge steel for all 42"W sections and shall provide two (2) shelf supports per shelf.
- SS-2: Supports are to have double rivets except bottom supports on bottom shelf of all mobile systems, which will have single rivets, to eliminate gap between bottom shelf and top of carriage.

Shelf Reinforcement:

- SR-1: Shelf reinforcements shall be provided where one shelf is used for double entry or where single entry has a shelving depth which requires shelf reinforcements. For

22 gauge steel shelves, all 42"W x 24"D shelves shall have two (2) shelf reinforcements and all 42"W x 30"D shelves shall have three (3) shelf reinforcements per shelf, excluding top shelf. For 18 gauge steel shelves, all 42"W x 24"D and 42"W x 30"D shelves shall have two (2) shelf reinforcements per shelf, excluding top shelf.

Dividers:

SD-1: Formed of a minimum of 20 gauge steel and shall fit easily into slotted shelves, center stops and back stops.

SD-2: There shall be four (4) dividers per shelf opening on all 42"W sections of shelving where dividers are required. See system component list for divider requirements.

Center Stops:

CS-1: Slotted center stops formed of 18 gauge steel with a formed channel at top and stiffener at bottom and slotted to accept dividers. Center stops to be used on double face shelving sections and are to be attached with bolts and nuts. One (1) per double face shelf, excluding top shelf, where required. See system component list for center stop requirements.

CS-2: Center stops shall be installed as per manufacturer's specifications.

Back Stops:

BS-1: Slotted back stops shall be formed of 18 gauge steel and slotted to accept dividers. Back stops to be used on single face shelving sections. One (1) per single face shelf, excluding top shelf, where required. See system component list for back stop requirements.

BS-2: Back stops shall be installed as per manufacturer's specifications.

Steel Backs:

SB-1: Steel shelving back shall be formed of a minimum of 24 gauge steel and closes off the back of the shelving section.

Back Holder:

BH-1: Back holder shall be formed of a minimum of 20 gauge steel and holds the top of steel shelving back in place.

Hinged Doors:

HD-1: Hinged doors shall be formed of a minimum of 20 gauge steel and are designed in

pairs to enclose a full height section of shelving and provide security for contents. Doors are center opening and should have a two-point locking rod and keyed lock core.

Rollout Drawers:

- RD-1: Rollout drawers shall be steel with lockable fixed drawer front attached to a frame assembly and extension slides designed to fit standard 4-Post shelving using only "Closed" uprights for structural integrity. File and Storage Drawers shall have three (3) adjustable steel dividers per drawer.
- RD-2: Drawer locks shall have the ability to be keyed alike or differently.
- RD-3: Rollout drawer units shall be provided with a positive interlock system which prevents tip-over of shelving units by allowing only one drawer to open and extend at a time.

SHELVING / CANTILEVER

Welded Frame Upright

- WFU-1: The welded frame shall consist of 2 vertical upright columns constructed of a minimum 16-gauge steel. Upright column shall be 2" deep. The uprights are fully welded to a tubular top spreader and a channel bottom spreader. The uprights shall have shelf attachment slots on 1" increments the entire length of the upright. Uprights shall include location indicators the entire length of upright on a minimum of 6" centers. Uprights shall be 84"H.
- WFU-2: The tubular top and bottom spreaders shall be a minimum of 16-gauge steel.

Base Supports:

- BS-1: A base support shall be provided to provide lateral unit stability. The support shall be a minimum of 16-gauge steel. Support shall attach to frame upright. Support shall be designed and constructed with shear tabs that interlock/mate with the upright to provide a positive connection that will give additional stability to welded frame in addition to the bolted connectors. Shear tabs ensure squareness and alignment of the base support to the welded frame. Base support design must allow the frame to transfer loads to floor or levelers.

Leveler Kits:

- LK-1: Static shelving units shall include leveling feet. Upright frames and/or base supports shall include leveling feet. Cantilever shelving units installed on mobile carriages shall use gussets or gusseted base supports to support and/or level the unit. Gussets or gusseted base supports shall be installed per manufacturer's standard installation requirements and be made of a minimum of 16 gauge steel.

Shelf End Brackets:

SEB-1: Shelf end brackets shall be made of minimum 16-gauge steel of a depth not less than that of the shelf on which they are used. The top and front edges shall be rounded or designed to prevent accidental knifing of material. Shelf brackets shall have a minimum of two hooks at the top for engaging into the column (post) and one safety lug to prevent accidental dislodgment at the bottom. For aesthetic reasons as well as to prevent sharp corners, the upper front corner of the shelf brackets shall be radiused.

Base Shelves:

BAS-1: Base shelves to be formed of either triple 90-degree bend on the rear of shelf and a double bend with a 3" surface at the front, or be formed of 3/4"H box shaped front and rear faces having a minimum of three 90-degree bends per face with the surface of the bottom shelf being flush with the top surface of the 3"H bottom spreader. All shelves shall be a minimum of 18-gauge cold rolled steel.

Shelves:

S-1: Shelves shall be formed from minimum 20 gauge for 8", 9" and 10" shelves and 18 gauge for 12", 13" and 15" cold rolled steel with a triple 90-degree bend on both front and rear edges with a shelf thickness to be 3/4". Slotted shelves shall be slotted to accept adjustable steel dividers. Plain shelves shall have no slots or holes on visible surface.

Dividers:

D-1: Formed of a minimum of 20 gauge steel and shall fit easily into slotted shelves and slotted backstops.

D-2: There shall be two (2) dividers per shelf opening on all 36"W sections of shelving where dividers are required. See system component list for divider requirements.

D-3: Adjustable dividers shall be available in a minimum of 6" height with depth of the dividers matching the depth of the shelf.

D-4: Findable divider shall be constructed of a minimum of 16-gauge steel, be available in either 6" or 9" height, be of one piece construction and have a minimum 5" base.

Snap In Hanging Wire Book Support:

SHWBS-1: Formed of a minimum of 0.25 diameter wire and shall snap into the bottom of the shelf above.

SHWBS-2: There shall be one (1) book support per shelf opening on all 36"W sections of shelving where book supports are required. See system component list for book support requirements.

Back Stops:

Bk-1: Slotted back stops shall be formed of a minimum of 20 gauge steel, be full height back stops (approx. 6"H) and slotted to accept dividers, or be incorporated in the shelf construction with a vertical flange 5"H with a 1/3" return to the rear and 1/4" return down, and be slotted to accept dividers.

BK-2: Back stops shall be installed as per manufacturer's specifications.

Metal Canopy Tops:

MCT-1: Shall be formed from minimum 20-gauge cold rolled steel with a triple 90-degree bend on front edges with a maximum edge thickness of 3/4". Single face and double face units to be one-piece design.

10. Paint and Color:

10.1 Shelving to have powder coat paint finish to resist abrasion and the color is to be selected by the owner from manufacturer's standard finishes.

11. Installation:

11.1 Units are to be installed in accordance with manufacturer's written instructions.

12. Cleanup:

12.1 Installation shall be left in broom clean condition, complete and ready for use by the department.

CONTRACT SERVICE SPECIFICATIONS

The Bidder and/or authorized dealers/installers shall follow all Manufacturers' recommended installation procedures and utilize manufacturer-certified installers as required. All systems and components shall be installed level, plumb, square and with proper alignment. The systems shall be securely interconnected and shall be securely attached to the building when required. As part of the required installation services, the Vendor shall:

- a. Conduct an inspection of the building and construction plans to identify phasing and staging or any restrictions, which might impact installation.
- b. Receive inventory, un-carton and stage product. Packing materials shall be removed from the work area at the end of each day. The site will be left "broom clean".
- c. Coordinate with the User's contact person and sub-contractors (i.e. telephone, electrical, etc.) to schedule timing of each.
- d. Repair or replace parts with obvious scratches, tears and dents that may occur prior to User's acceptance.
- e. Ensure that the system shall be cleaned, adjusted, leveled, inspected for damage and readied for use.
- f. Upon completion of placement and leveling of all filing systems, compile a "punch list" with the User's contact person and complete all items listed.
- g. Dispose of all delivery and installation debris, including packing materials.

MANUFACTURER/VENDOR SPECIFICATIONS

The product manufacturer shall operate nationwide. The manufacturer of the systems bid shall have in the business of manufacturing filing systems for at least eight (8) years. The contractor shall have in its employ at least one full time representative who covers the State of Louisiana. The bidder and/or its authorized dealers shall have been actively engaged in installing and maintaining filing systems for a minim of five (5) years on the date the bids are opened. The successful contractor will be required to provide appropriate documentation to verify this information.

Each bidder shall utilize the services of a registered interior designer. Plans submitted to the agency for filing systems must be stamped by a registered/licensed interior designer.

Each contract price includes services, including training for user's technician, showroom, warehousing, reconfiguration design, inventory systems, CADD documentation, and extraordinary installation (such as no parking, no elevators, after hours delivery). These contract prices do not include additional services (e.g. removing existing furniture, cleaning the room, removing carpet). Each bidder shall maintain a minimum inventory of touch-up paints, miscellaneous hardware, replacement parts, etc. Each bidder shall carry sufficient liability, worker compensation, property damage and automotive insurance as stipulated in the General Conditions.

WARRANTY SPECIFICATIONS

The systems product line and electrical components shall have a minimum five (5) year warranty covering parts and labor. Service/repair calls, parts costs, delivery costs, travel, taxes, etc. will not be charged to the User or the Owner for warranty covered parts. These costs will be the responsibility of the Vendor.

When a problem develops or is noticed with a product component or assembly, the appropriate Vendor will be contacted by the user's contact person. The Vendor shall respond as necessary (site visit, order of replacement part, etc.) within two (2) working days.

ATTACHMENT II

SOLICITATION# 3000005308

MARCH 24, 2016

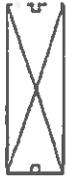
MOBILE AND STATIONARY FILING SYSTEMS AND SHELVING

STATEWIDE CONTRACT

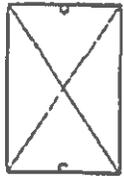
TYPICALS A – G

TYPICAL A:	4-Post Stationary Storage Shelving	3%
TYPICAL B:	Case Type Stationary Shelving	5%
TYPICAL C:	Cantilever Stationary Shelving	2%
TYPICAL D:	Mechanical Assist / 4-Post Shelving	20%
TYPICAL E:	Mechanical Assist / Case Type Shelving	25%
TYPICAL F:	Electric / 4-Post Shelving / Drawers & Hinged Doors	20%
TYPICAL G:	Electric / Case Type Shelving	25%

Stationary Shelving and Mobile System Symbol Key



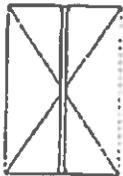
4-Post / Case Type Single Face Stationary Shelving



4-Post / Case Type Double Face Stationary Shelving



Cantilever Single Face Stationary Shelving



Cantilever Double Face Stationary Shelving



Rollout Reference Shelves shown in shelving section



Stationary Platform



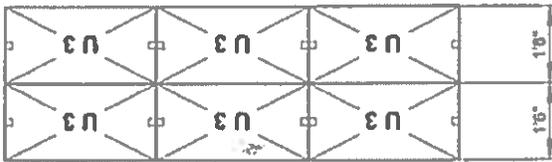
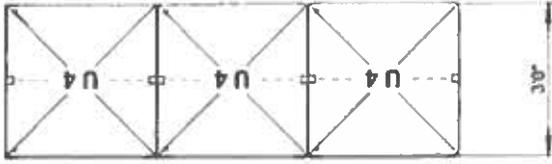
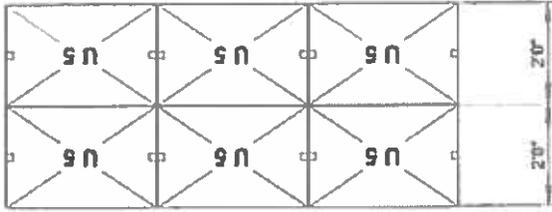
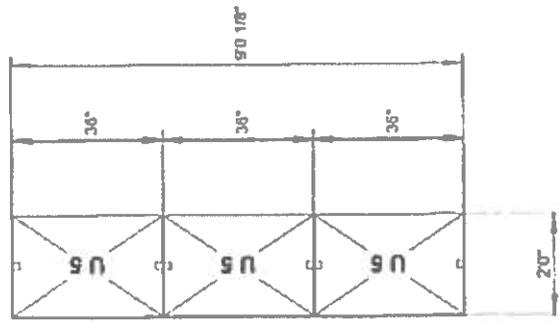
Mobile Carriage

TYPICAL A
4 - POST STATIONARY STORAGE SHELVING

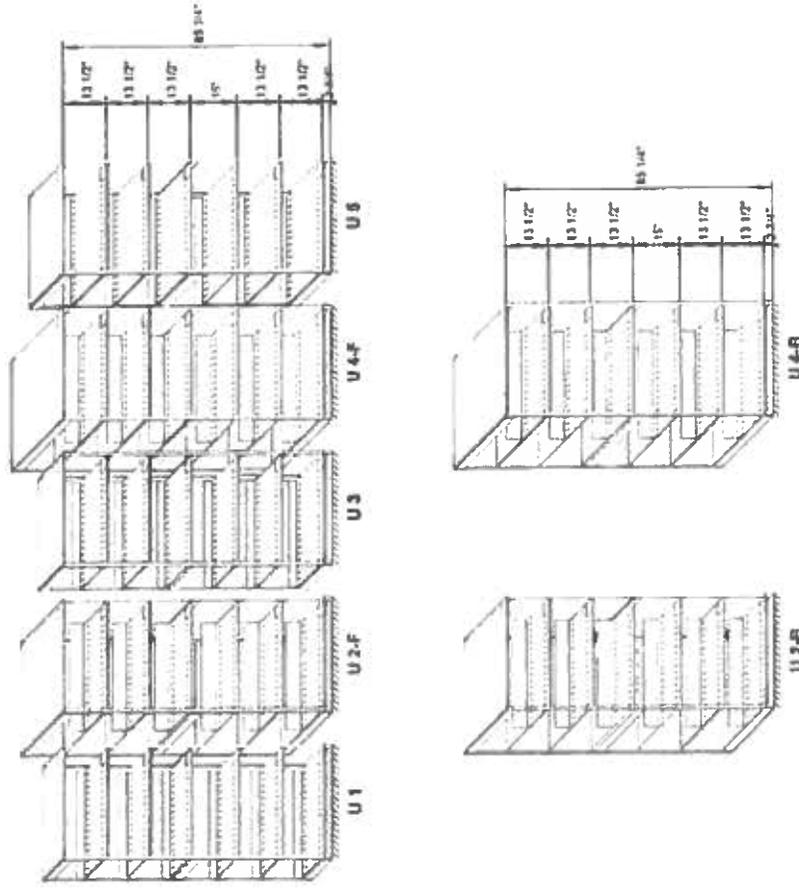
ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBER	LIST PRICE	EXTENDED PRICE
1	2	4-Post Upright, Closed "L", 15"D x 85 1/4"H			
2	4	4-Post Upright, Closed "L", 18"D x 85 1/4"H			
3	6	4-Post Upright, Closed "L", 24"D x 85 1/4"H			
4	2	4-Post Upright, Closed "L", 30"D x 85 1/4"H			
5	2	4-Post Upright, Closed "L", 36"D x 85 1/4"H			
6	2	4-Post Upright, Open "T", 15"D x 85 1/4"H			
7	4	4-Post Upright, Open "T", 18"D x 85 1/4"H			
8	6	4-Post Upright, Open "T", 24"D x 85 1/4"H			
9	2	4-Post Upright, Open "T", 30"D x 85 1/4"H			
10	2	4-Post Upright, Open "T", 36"D x 85 1/4"H			
11	3	4-Post 22 gauge Plain Shelf, 36"W x 15"D			
12	6	4-Post 22 gauge Plain Shelf, 36"W x 18"D			
13	9	4-Post 22 gauge Plain Shelf, 36"W x 24"D			
14	3	4-Post 22 gauge Plain Shelf, 36"W x 30"D			
15	3	4-Post 22 gauge Plain Shelf, 36"W x 36"D			
16	18	4-Post 22 gauge Slotted Shelf, 36"W x 15"D			
17	36	4-Post 22 gauge Slotted Shelf, 36"W x 18"D			
18	54	4-Post 22 gauge Slotted Shelf, 36"W x 24"D			
19	18	4-Post 22 gauge Slotted Shelf, 36"W x 30"D			
20	18	4-Post 22 gauge Slotted Shelf, 36"W x 36"D			
21	336	Shelf Support, 36"W			
22	54	Shelf Reinforcement, 24"D			
23	36	Shelf Reinforcement, 30"D			
24	54	Shelf Reinforcement, 36"D			
25	108	Back Stop, 36"W			
26	36	Center Stop, 36"W			
27	8	Cloths Pin (To connect back to back shelving)			
28	30	Front Base, 36"W x approx. 2"H			

TOTAL LIST PRICE - 4-POST STATIONARY STORAGE SHELVING - TYPICAL A

Typical A - 4-Post Stationary Storage Shelving



Typical A - 4-Post Stationary Storage Shelving

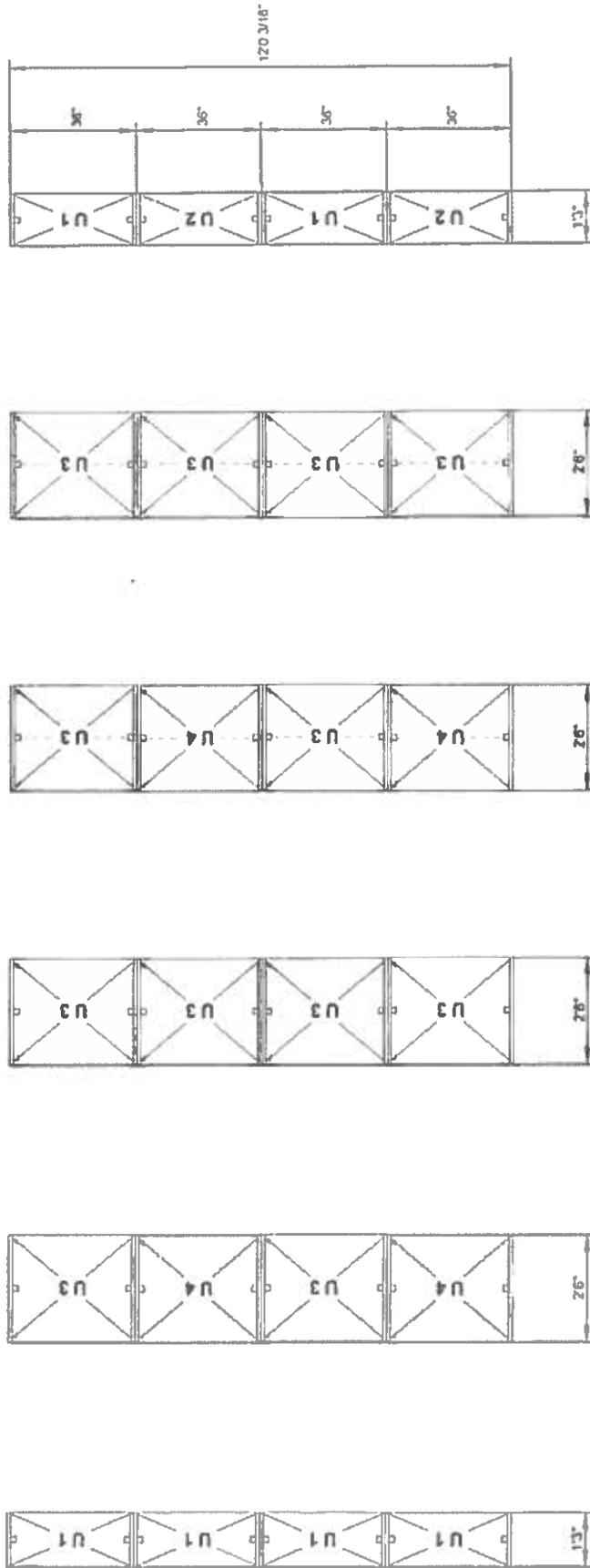


Shelf Spacing Dimensions are "On Center" Dimensions
 -F = Front Face of Double Face Shelving Section
 -B = Back Face of Double Face Shelving Section

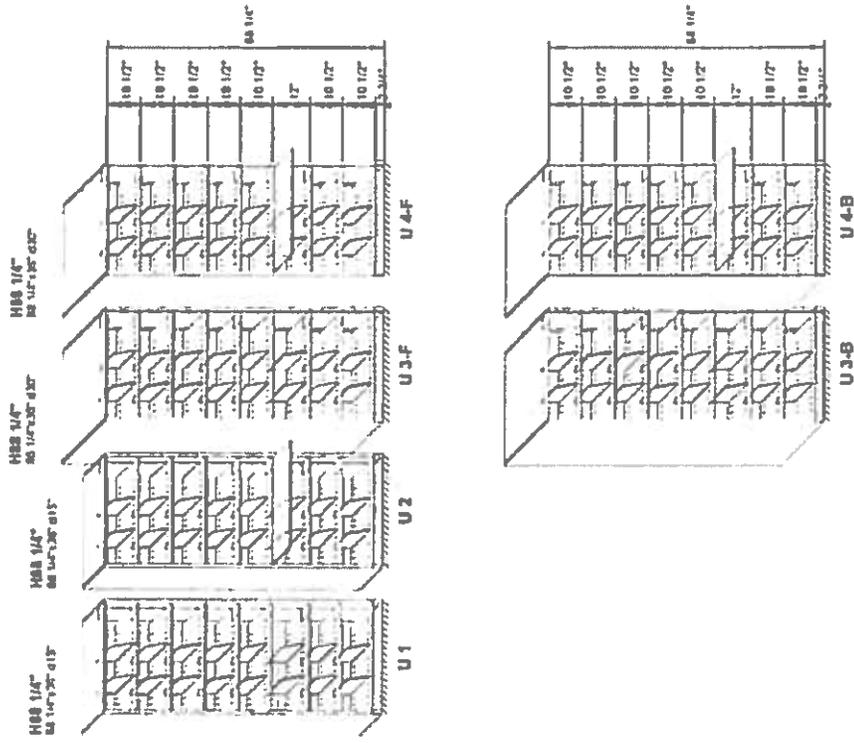
**TYPICAL B
CASE TYPE STATIONARY SHELVING**

ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBER	LIST PRICE	EXTENDED PRICE
1	4	Case Upright, "L", 15"D x 88 1/4"H			
2	8	Case Upright, "L", 30"D x 88 1/4"H			
3	12	Case Upright, "T", 30"D x 88 1/4"H			
4	6	Case Upright, "T", 15"D x 88 1/4"H			
5	8	Case Plain Shelf, 34"W x 15"D			
6	16	Case Plain Shelf, 34"W x 30"D			
7	64	Case Slotted Shelf, 34"W x 15"D			
8	128	Case Slotted Shelf, 34"W x 30"D			
9	432	Shelf Support, 36"W			
10	256	Shelf Reinforcement, 30"D			
11	64	Back Stop, 36"W			
12	128	Center Stop, 36"W			
13	640	File Divider, Legal Size			
14	40	Front Base, 36"W x approx. 2"H			
15	2	Rollout Reference Shelf, Single Face			
16	4	Rollout Reference Shelf, Double Face			
TOTAL LIST PRICE - CASE TYPE STATIONARY SHELVING - TYPICAL B					

Typical B - Case Type Stationary Shelving



Typical B - Case Type Stationary Shelving

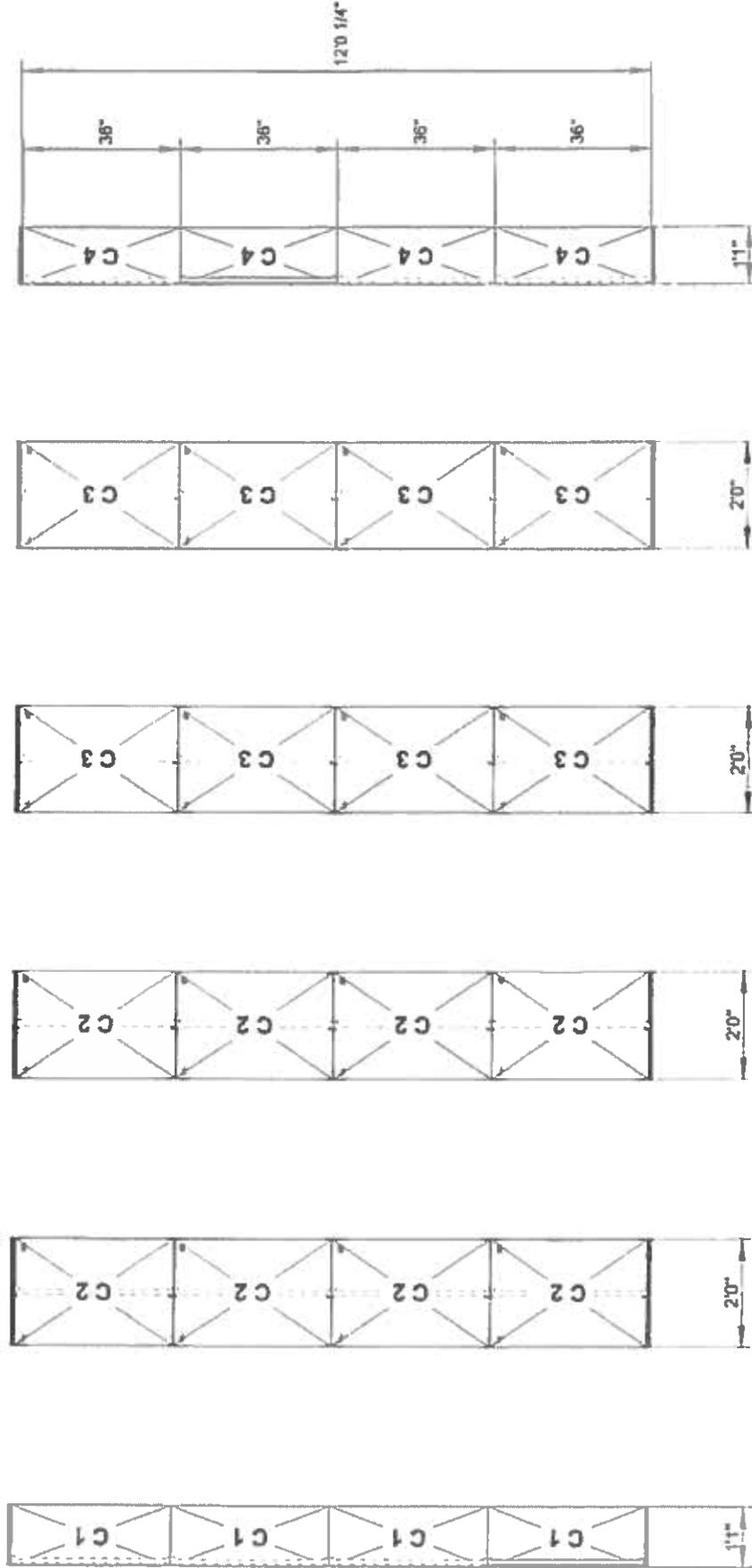


Shelf Spacing Dimensions are "On Center" Dimensions
 -F = Front Face of Double Face Shelving Section
 -B = Back Face of Double Face Shelving Section

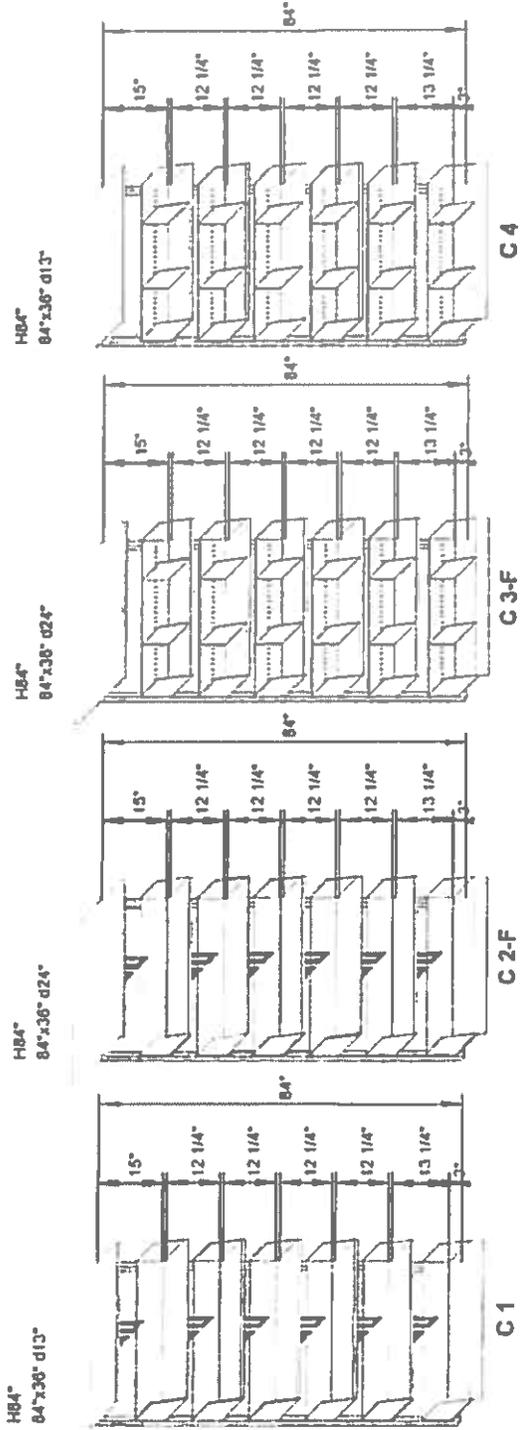
**TYPICAL C
CANTILEVER STATIONARY SHELVING**

ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBER	LIST PRICE	EXTENDED PRICE
1	24	Cantilever Frame, 36"W x 84"H			
2	20	Cantilever Plain Base Shelf, 36"W x 11"D			
3	20	Cantilever Slotted Base Shelf, 36"W x 11"D			
4	20	Cantilever Double Face Base Supports, 13"D			
5	8	Cantilever Single Face Base Supports, Left, 13"D			
6	2	Cantilever Single Face Base Supports, Right, 13"D			
7	100	Cantilever Plain Adjustable Shelf, 36"W x 11"D			
8	100	Cantilever Slotted Adjustable Shelf, 36"W x 11"D			
9	24	Cantilever Base Shelf Filler, 36"W			
10	16	Cantilever Double Face Canopy Top, 24"D			
11	8	Cantilever Single Face Canopy Top, 13"D			
12	240	File Dividers for 11"D Slotted Shelves			
13	20	Cantilever Double Face Leveler Kits, 24"D Shelving			
14	120	Snap In Hanging Wire Book Support for 11"D shelves			
15	8	Double End Panel Mounting Brackets, 24"D Shelving			
16	2	Single End Panel Mounting Brackets, Left, 13"D Shelving			
17	2	Single End Panel Mounting Brackets, Right, 13"D Shelving			
18	120	Back Stop, Full Height (approx. 6"H), Plain, 36"W			
19	120	Back Stop, Full Height (approx. 6"H), Slotted, 36"W			
20	10	Cantilever Single Face Leveler Kits, for 13"D Shelving			
21	4	Laminate or Steel End Panel, 13"D x 84"H			
22	8	Laminate or Steel End Panel, 24"D x 84"H			
TOTAL LIST PRICE - CANTILEVER STATIONARY SHELVING - TYPICAL C					

Typical C - Cantilever Stationary Shelving



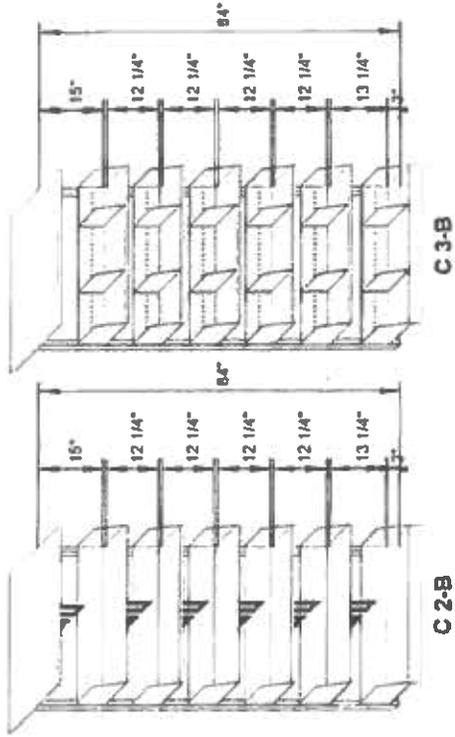
Typical C - Cantilever Stationary Shelving



Shelf Spacing Dimensions are "Clear Opening" Dimensions

-F = Front Face of Double Face Shelving

-B = Back Face of Double Face Shelving



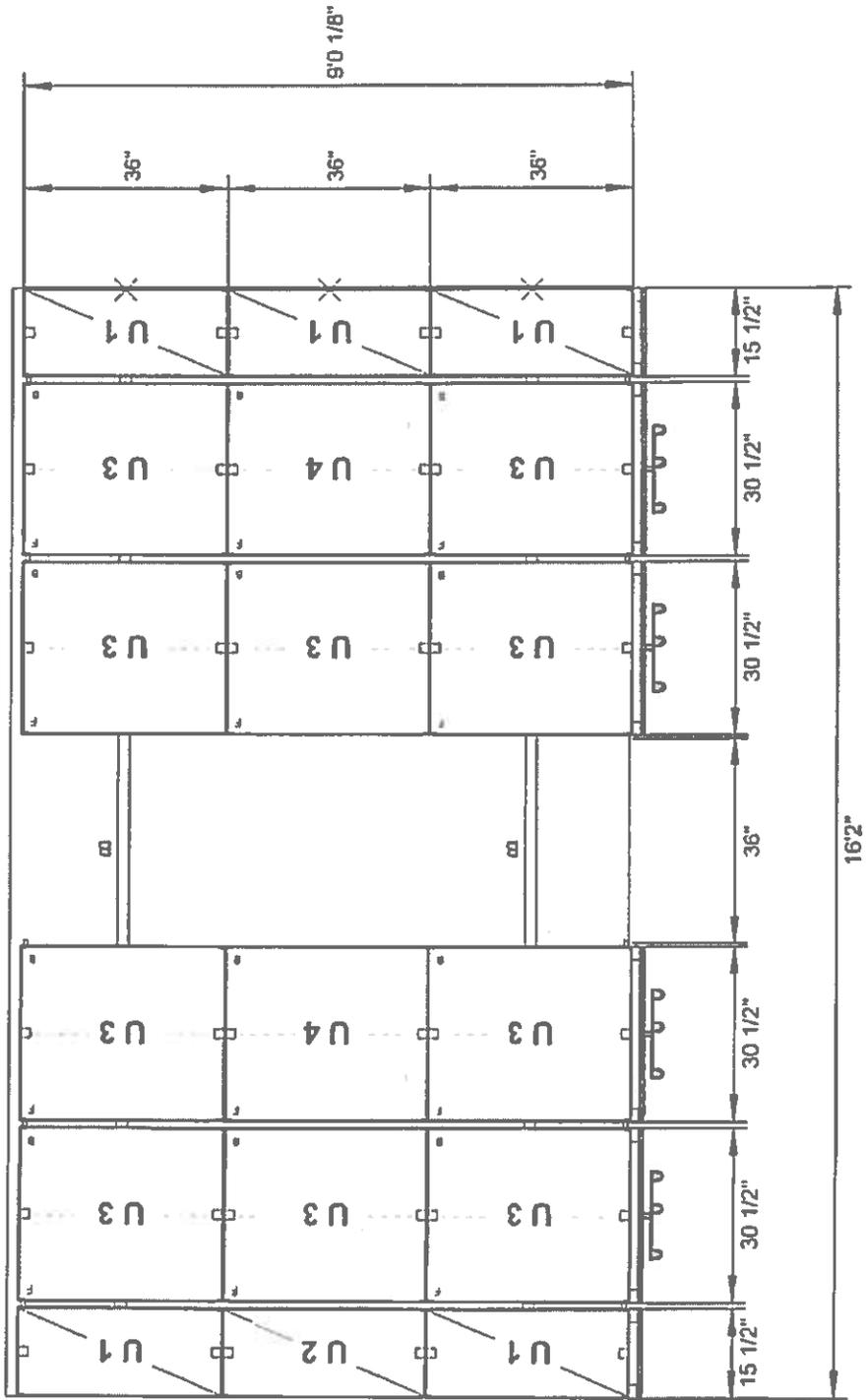
**TYPICAL D
MECHANICAL ASSIST / 4-POST SHELVING**

ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBER	LIST PRICE	EXTENDED PRICE
1	34 Ft.	Rail, 2 @ 16'-2"L (rounded to 17'L each)			
2	9 Ft.	Rail Skirt			
3	111 Sq. Ft.	Elevated Floor			
4	17 Ft.	Ramp (16'-2")			
5	2	Stationary Platforms, 9'L x 15"W			
6	4	Mechanical Assist Carriages, 9'L x 30"W			
7	2	Laminate or Steel End Panel, approx. 15"W x 82"H			
8	4	Laminate or Steel End Panel, approx. 30"W x 82"H			
9	4	4-Post Upright, Closed "L", 15"D x 76 1/4"H			
10	8	4-Post Upright, Closed "L", 30"D x 76 1/4"H			
11	4	4-Post Upright, Open "T", 15"D x 76 1/4"H			
12	8	4-Post Upright, Open "T", 30"D x 76 1/4"H			
13	6	4-Post Plain Shelf, 36"W x 15"D			
14	12	4-Post Plain Shelf, 36"W x 30"D			
15	42	4-Post Slotted Shelf, 36"W x 15"D			
16	84	4-Post Slotted Shelf, 36"W x 30"D			
17	252	Shelf Support, Double Rivet, 36"W			
18	36	Shelf Support, Single Rivet, 36"W			
19	144	Shelf Reinforcement, for Double Rivet Shelf Supports, 30"D			
20	24	Shelf Reinforcement, for Single Rivet Shelf Supports, 30"D			
21	3	4-Post Back Panel, 36"W x 76 1/4"H			
22	42	Back Stop, 36"W			
23	84	Center Stop, 36"W			
24	840	File Divider, Legal Size			
25	3	Back Holder or Stiffener, 36"W			
26	1	Rollout Reference Shelf, Single Face			
27	2	Rollout Reference Shelf, Double Face			
TOTAL LIST PRICE - MECHANICAL ASSIST / 4-POST SHELVING - TYPICAL D					

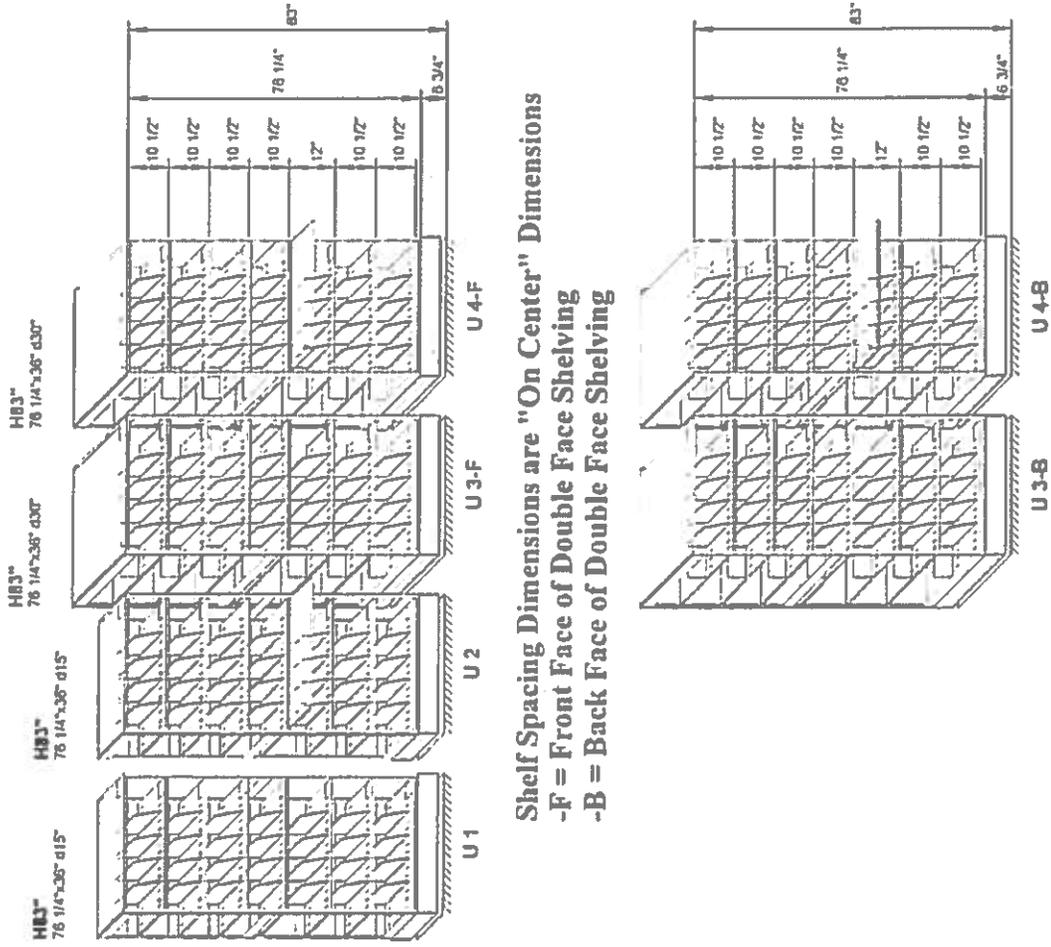
**TYPICAL D
MECHANICAL ASSIST / 4-POST SHELVING**

ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBER	LIST PRICE	EXTENDED PRICE
1	34 Ft.	Rail, 2 @ 16'-2"L (rounded to 17'L each)			
2	9 Ft.	Rail Skirt			
3	111 Sq. Ft.	Elevated Floor			
4	17 Ft.	Ramp (16'-2")			
5	2	Stationary Platforms, 9'L x 15"W			
6	4	Mechanical Assist Carriages, 9'L x 30"W			
7	2	Laminate or Steel End Panel, approx. 15"W x 82"H			
8	4	Laminate or Steel End Panel, approx. 30"W x 82"H			
9	4	4-Post Upright, Closed "L", 15"D x 76 1/4"H			
10	8	4-Post Upright, Closed "L", 30"D x 76 1/4"H			
11	4	4-Post Upright, Open "T", 15"D x 76 1/4"H			
12	8	4-Post Upright, Open "T", 30"D x 76 1/4"H			
13	6	4-Post Plain Shelf, 36"W x 15"D			
14	12	4-Post Plain Shelf, 36"W x 30"D			
15	42	4-Post Slotted Shelf, 36"W x 15"D			
16	84	4-Post Slotted Shelf, 36"W x 30"D			
17	252	Shelf Support, Double Rivet, 36"W			
18	36	Shelf Support, Single Rivet, 36"W			
19	144	Shelf Reinforcement, for Double Rivet Shelf Supports, 30"D			
20	24	Shelf Reinforcement, for Single Rivet Shelf Supports, 30"D			
21	3	4-Post Back Panel, 36"W x 76 1/4"H			
22	42	Back Stop, 36"W			
23	84	Center Stop, 36"W			
24	840	File Divider, Legal Size			
25	3	Back Holder or Stiffener, 36"W			
26	1	Rollout Reference Shelf, Single Face			
27	2	Rollout Reference Shelf, Double Face			
TOTAL LIST PRICE - MECHANICAL ASSIST / 4-POST SHELVING - TYPICAL D					

Typical D - Mechanical Assist / 4-Post Shelving



Typical D - Mechanical Assist / 4-Post Shelving



Shelf Spacing Dimensions are "On Center" Dimensions

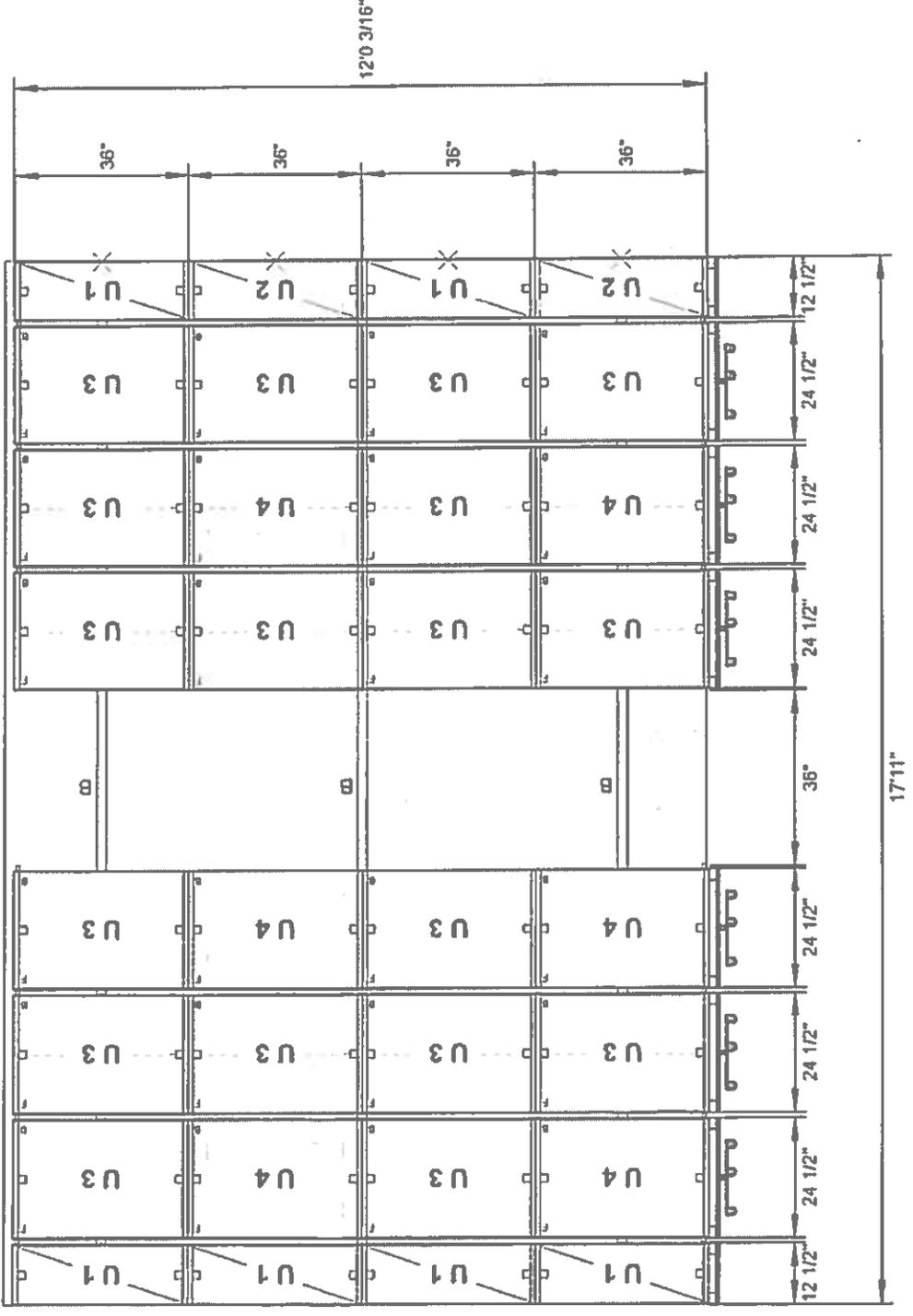
-F = Front Face of Double Face Shelving

-B = Back Face of Double Face Shelving

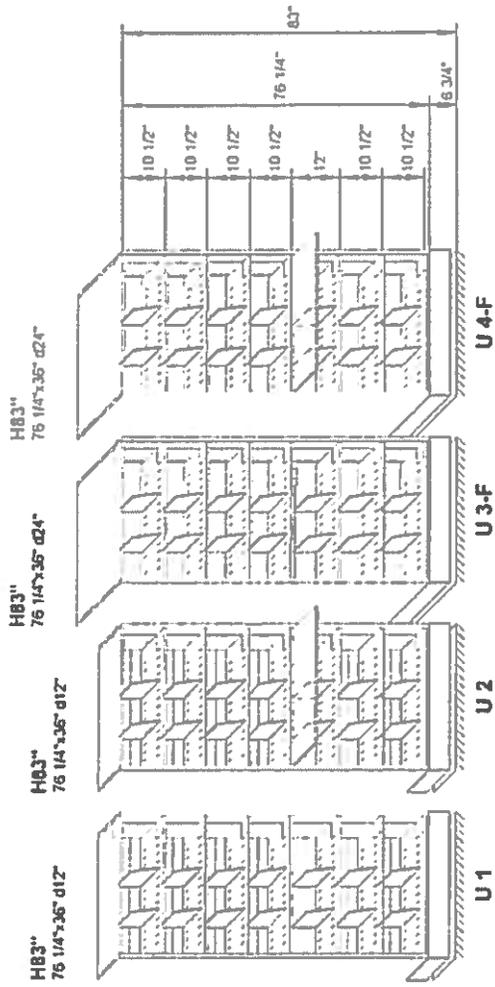
**TYPICAL E
MECHANICAL ASSIST / CASE TYPE SHELVING**

ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBER	LIST PRICE	EXTENDED PRICE
1	54 Fl.	Rail, 3 @ 17'-11"L (rounded to 18'L each)			
2	176 Sq. Ft.	Elevated Floor			
3	18 Ft.	Ramp (17'-11")			
4	2	Stationary Platform, 12'L x 12"W			
5	6	Mechanical Assist Carriages, 12'L x 24"W			
6	2	Laminate or Steel End Panel, approx. 12"W x 82"H			
7	6	Laminate or Steel End Panel, approx. 24"W x 82"H			
8	4	Case Upright, "L", 12"D x 76 1/4"H			
9	12	Case Upright, "L", 24"D x 76 1/4"H			
10	18	Case Upright, "T", 24"D x 76 1/4"H			
11	6	Case Upright, "T", 12"D x 76 1/4"H			
12	8	Case Plain Shelf, 34"W x 12"D			
13	24	Case Plain Shelf, 34"W x 24"D			
14	56	Case Slotted Shelf, 34"W x 12"D			
15	168	Case Slotted Shelf, 34"W x 24"D			
16	448	Shelf Support, Double Rivet, 36"W			
17	64	Shelf Support, Single Rivet, 36"W			
18	144	Shelf Reinforcement, for Double Rivet Shelf Supports, 24"D			
19	24	Shelf Reinforcement, for Single Rivet Shelf Supports, 24"D			
20	4	Case Back Panel, 36"W x 76 1/4"H			
21	56	Back Stop, 36"W			
22	168	Center Stop, 36"W			
23	784	File Divider, Letter Size			
24	4	Back Holder or Stiffener, 36"W			
25	2	Rollout Reference Shelf, Single Face			
26	6	Rollout Reference Shelf, Double Face			
TOTAL LIST PRICE - MECHANICAL ASSIST / CASE TYPE SHELVING - TYPICAL E					

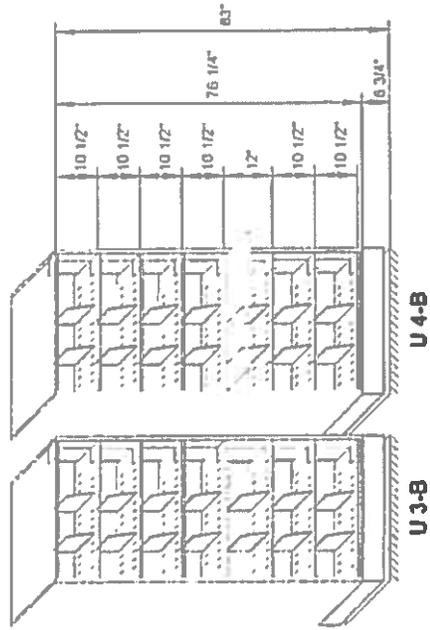
Typical E - Mechanical Assist / Case Type Shelving



Typical E - Mechanical Assist / Case Type Shelving



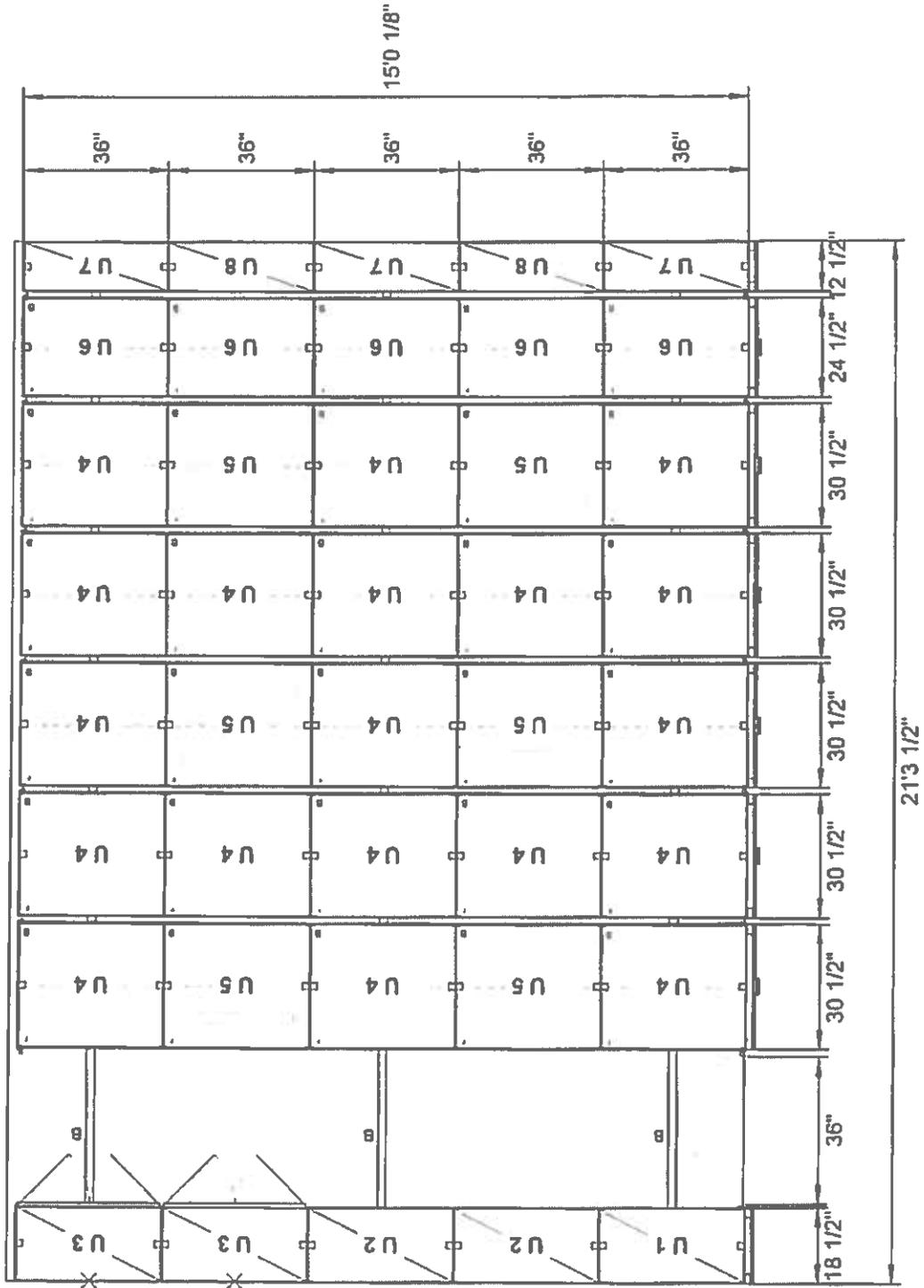
Shelf Spacing Dimensions are "On Center" Dimensions
 -F = Front Face of Double Face Shelving
 -B = Back Face of Double Face Shelving



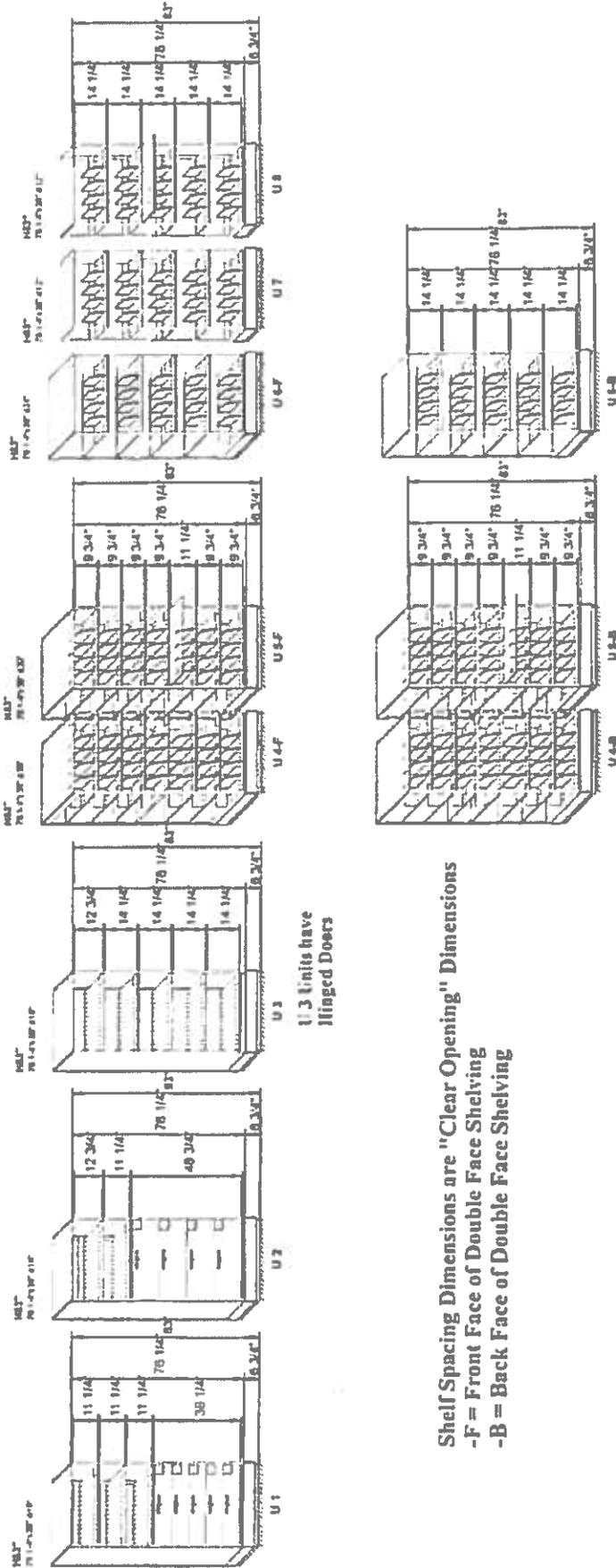
TYPICAL F
ELECTRIC / 4-POST SHELVING / DRAWERS & HINGED DOORS

ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBLR	LIST PRICE	EXTENDED PRICE
1	66 Ft.	Rail, 3 @ 21'-3 1/2"L (rounded to 22'L each)			
2	265 Sq. Ft.	Elevated Floor			
3	22 Ft.	Ramp (21'-3 1/2")			
4	1	Stationary Platform, 15'L x 12"W			
5	1	Stationary Platform, 15'L x 18"W			
6	5	Electric Carriage, 15'L x 30"W			
7	1	Electric Carriage, 15'L x 24"W			
8	7	Safety Sweep (1 per aisle)			
9	2	Carriage Bumper Extension, 1" (allowance for Hinged Doors)			
10	1	Electric Safety System Override Key			
11	1	Rechargeable Hand Held or On-Board Power Override Unit			
12	1	Laminate or Steel End Panel, approx. 12"W x 82"H			
13	1	Laminate or Steel End Panel, approx. 18"W x 82"H			
14	1	Laminate or Steel End Panel, approx. 24"W x 82"H			
15	5	Laminate or Steel End Panel, approx. 30"W x 82"H			
16	2	4-Post Upright, Closed "L", 12"D x 76 1/4"H			
17	2	4-Post Upright, Closed "L", 18"D x 76 1/4"H			
18	2	4-Post Upright, Closed "L", 24"D x 76 1/4"H			
19	10	4-Post Upright, Closed "L", 30"D x 76 1/4"H			
20	4	4-Post Upright, Open "T", 12"D x 76 1/4"H			
21	4	4-Post Upright, Closed "T", 18"D x 76 1/4"H			
22	4	4-Post Upright, Open "T", 24"D x 76 1/4"H			
23	20	4-Post Upright, Open "T", 30"D x 76 1/4"H			
24	5	4-Post Plain Shelf, 36"W x 12"D			
25	5	4-Post Plain Shelf, 36"W x 18"D			
26	5	4-Post Plain Shelf, 36"W x 24"D			
27	25	4-Post Plain Shelf, 36"W x 30"D			
28	25	4-Post Slotted Shelf, 36"W x 12"D			
29	17	4-Post Slotted Shelf, 36"W x 18"D			
30	25	4-Post Slotted Shelf, 36"W x 24"D			
31	175	4-Post Slotted Shelf, 36"W x 30"D			
32	494	Shelf Support, Double Rivet, 36"W			
33	76	Shelf Support, Single Rivet, 36"W			
34	20	Shelf Reinforcement, approx. 3/4"H, 24"D			
35	5	Shelf Reinforcement, approx. 1 1/4"H, 24"D			
36	300	Shelf Reinforcement, approx. 3/4"H, 30"D			
37	50	Shelf Reinforcement, approx. 1 1/4"H, 30"D			
38	2	4-Post Back Panel, 36"W x 76 1/4"H			
39	30	Back Stop, 36"W			
40	200	Center Stop, 36"W			
41	300	File Divider, Letter Size			
42	1400	File Divider, Legal Size			
43	2	Back Holder or Stiffener, 36"W			
44	2	Rollout Reference Shelf, Single Face for 12"D Shelving			
45	6	Rollout Reference Shelf, Double Face for 30"D Shelving			
46	8	Rollout File Drawer, 36"W x 18"D x 12"H, Keyed Alike			
47	5	Rollout Storage Drawer, 36"W x 18"D x 7 1/2"H, Keyed Alike			
48	2	Lockable Hinged Doors Units, 36"W x 76 1/4"H, Keyed Alike			
49	2	Lockable Hinged Doors Bracket Sets			
50	24	File Drawer Adjustable Steel Dividers			
51	15	Storage Drawer Adjustable Steel Dividers			
52	13	Rollout Drawer Mounting Bracket Sets			
53	3	Safety Interlock Mechanism Slotted Shelf, 36"W x 18"D			
TOTAL LIST PRICE - ELECTRIC / 4-POST SHELVING / DRAWERS & HINGED DOORS - TYPICAL F					

Typical F - Electric / 4-Post Shelving / Drawers & Hinged Doors



Typical F - Electric / 4-Post Shelving / Drawers & Hinged Doors



Shelf Spacing Dimensions are "Clear Opening" Dimensions

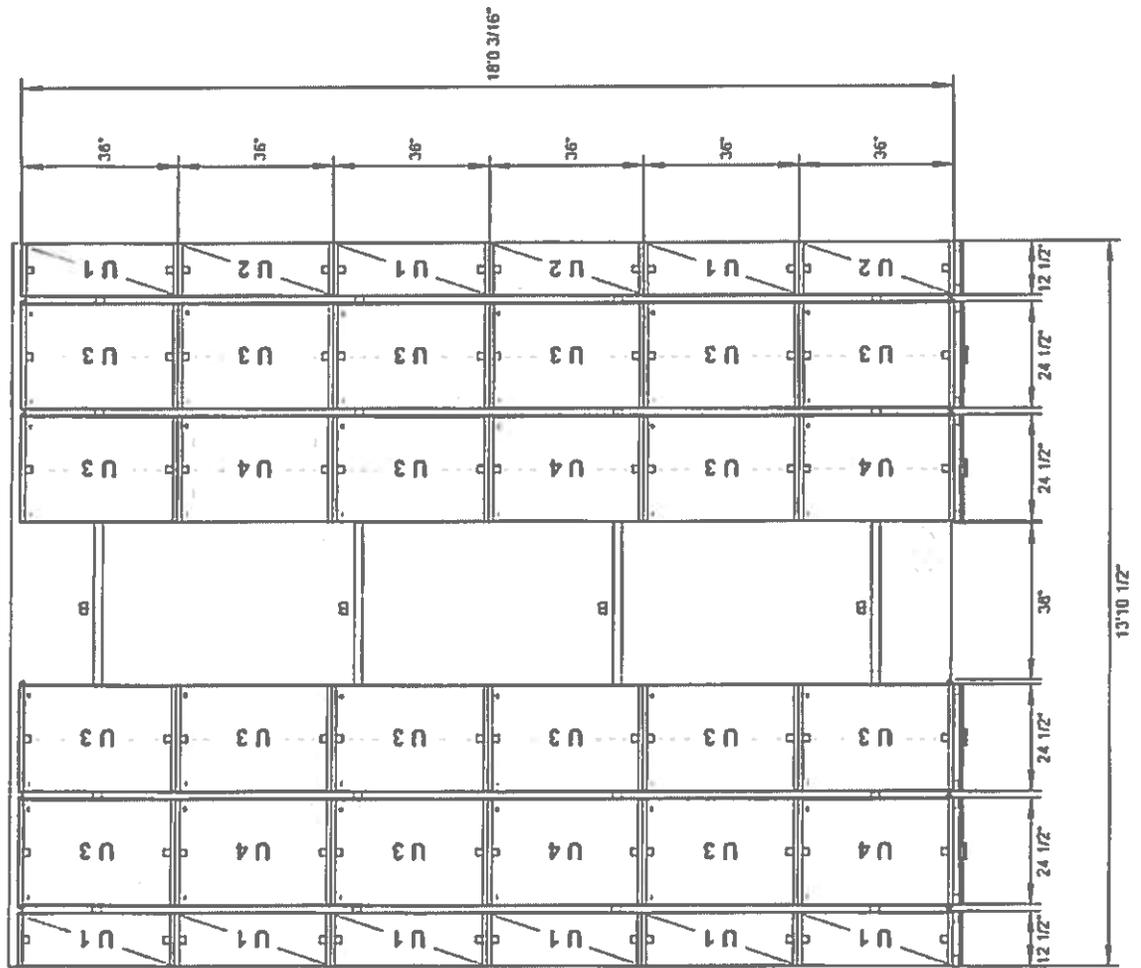
-F = Front Face of Double Face Shelving

-B = Back Face of Double Face Shelving

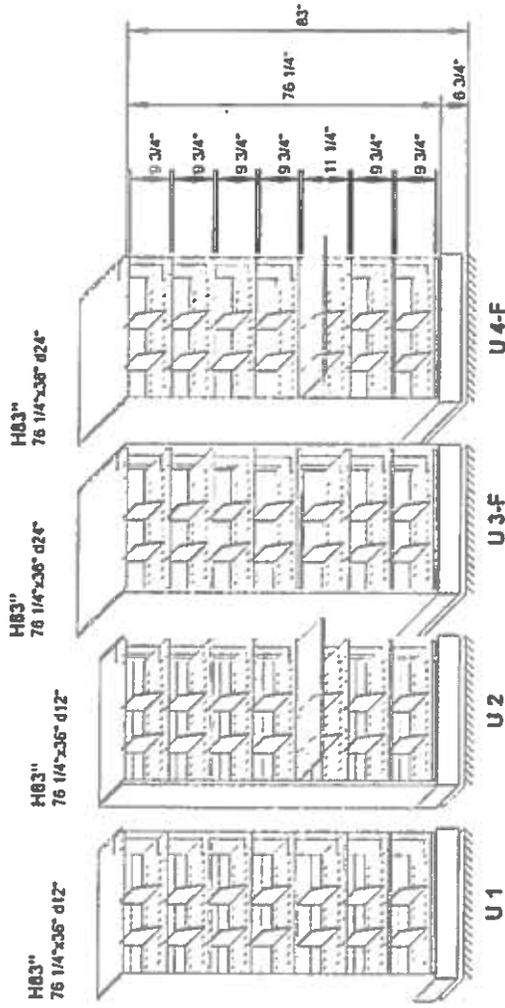
**TYPICAL G
ELECTRIC / CASE TYPE SHELVING**

ITEM	QTY	COMPONENT PART DESCRIPTION	PART NUMBER	LIST PRICE	EXTENDED PRICE
1	56 Ft.	Rail, 4 @ 13'-10 1/2"L (rounded to 14'L each)			
2	205 Sq. Ft.	Elevated Floor			
3	14 Ft.	Ramp (13'-10 1/2")			
4	2	Stationary Platform, 18'L x 12"W			
5	4	Electric Carriages, 18'L x 24"W			
6	5	Safety Sweep (1 per aisle)			
7	1	Electric Safety System Override Key			
8	1	Rechargeable Hand Held or On-Board Power Override Unit			
9	2	Laminate or Steel End Panel, approx. 12"W x 82"H			
10	4	Laminate or Steel End Panel, approx. 24"W x 82"H			
11	4	Case Upright, "L", 12"D x 76 1/4"H			
12	8	Case Upright, "L", 24"D x 76 1/4"H			
13	20	Case Upright, "T", 24"D x 76 1/4"H			
14	10	Case Upright, "T", 12"D x 76 1/4"H			
15	12	Case Plain Shelf, 34"W x 12"D			
16	24	Case Plain Shelf, 34"W x 24"D			
17	84	Case Slotted Shelf, 34"W x 12"D			
18	168	Case Slotted Shelf, 34"W x 24"D			
19	504	Shelf Support, Double Rivet, 36"W			
20	72	Shelf Support, Single Rivet, 36"W			
21	144	Shelf Reinforcement, for Double Rivet Shelf Supports, 24"D			
22	24	Shelf Reinforcement, for Single Rivet Shelf Supports, 24"D			
23	84	Back Stop, 36"W			
24	168	Center Stop, 36"W			
25	840	File Divider, Letter Size			
26	3	Rollout Reference Shelf, Single Face			
27	6	Rollout Reference Shelf, Double Face			
TOTAL LIST PRICE - ELECTRIC / CASE TYPE SHELVING - TYPICAL G					

Typical G - Electric / Case Type Shelving



Typical G - Electric / Case Type Shelving



Shelf Spacing Dimensions are "Clear Opening" Dimensions

-F = Front Face of Double Face Shelving

-B = Back Face of Double Face Shelving

