

Des Moines Area Community College

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Board of Directors Meeting Minutes

3-4-1970

Board of Directors Meeting Minutes (March 4, 1970)

DMACC

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Revised Copy
March 4, 1970

Remington Rand
Office Systems Division
Sperry Rand Corporation

RANDTRIEVER I Equipment Specification

Des Moines Area Community College
(DMACC)

1.0. Scope

1.1. This specification covers the functional performance, installation interface, and quality assurance requirements for RANDTRIEVER I equipment to be furnished to Remington Rand Library Bureau Division for the Des Moines Area Community College at Ankeny, Iowa.

2.0. Applicable Documents

2.1. The following documents of issue, specified herein, form a part of the specification to the extent specified herein:

Remington Rand Office Systems Division Drawing

RT-13, Sheet 1, Revision A, dated December 22, 1969,
and Sheet 2, Revision "A", dated December 22, 1969.
National Electrical Code.

3.0. Requirements

3.1. General Description - RANDTRIEVER I equipment provides a means of mechanically storing and retrieving containers without human participation, except for making requests by

RANDTRIEVER I Equipment Specification - continued

keyboard or encoded card and removal or replacement of stored media from the container at the operator console (desk). The equipment includes operator console(s) from which requests for containers are made and to which containers are delivered from the storage area. The storage area consists of an array of lateral shelving, arranged in rows. In aisles between the rows of shelving are motorized transport columns, which travel the length of the rows to transport containers from their storage location to the conveyer end of the rows. The motorized column carries an extractor-discharger that travels vertically on the column. The extractor-discharger retrieves the container from the shelf and deposits it on a conveyer at the end of the row. It also reverses the procedure, taking a container from a conveyer and depositing the container in its storage position on the shelf. Power for the motorized column and extractor-discharger is obtained from overhead electric buss bar conductors, mounted above the aisles. Instructions to the columns, directing the column to the container location, are provided through a coupler (instructor) at the conveyer end of the row. The motorized conveyer at the end of the row, transports the container to the requesting console conveyer. The console conveyer conducts the container into the verifier wait station. Container entry, lights up a number display in front of the operator. After operator verification, the operator removes or refiles media and presses.

RANDTRIEVER I Equipment Specification - continued

return switch. The container is then transported to the return conveyer. The return conveyer transports the container to the recirculating storage conveyer, which transports the container across the face of the rows. When the container reaches the proper aisle, it is transferred to a refile section (if the refile section is full, the container is conducted back to the recirculating conveyer for storage; it then continues through the path previously described, until it is accepted in the refile section). The refile section transports the container to a pick up station. The container is then picked up and returned to its storage position on the shelf by the motorized column. Each container is assigned a specific code. Each storage location on the shelving is identified with a specific code corresponding to the code for a container. Each container, therefore, has but one specific storage location.

The console(s) contain a keyboard, keyboard number display, card reader, card reader indicator light, a container number display, a motorized column display, keyed verifier control switch, keyed on-off switch and container return switch.

A keyboard and card readers are input devices which send requests in the form of electrical impulses to the data processor, which in turn, interprets the information and transmits it to the column instructor. In the refile mode, the card reader and keyboard actuates a comparator which determines whether the input from the card reader matches the identification of the incoming container. If they compare, the

RANDTRIEVER I Equipment Specification - continued

container is released from the verifier wait station in the console, to the open area of the console. The container number is displayed, indicating the container number in the verifier wait station. The motorized column status display indicates that the motorized column is either at the conveyer end of the aisle or is not at that position. A keyed verifier switch allows the operator to by-pass the verify function. The keyed on-off switch controls all elements of the entire system. The container refile return switch, releases the container from the open position in the console, starting the container on its return to the storage position.

The data processor receives requests from the console input devices and refile instrumentation. It interprets the request, directs it to the proper elements to be affected, or stores the request for future action. The data processor also contains the necessary power supplies and controls.

Safety for service personnel is provided at the rear of the aisles, by a closure gate with an interlocking switch. When the gate is removed to enter the aisles between the rows, the switch disconnects the power from the motorized column. Inter-connecting wiring to connect the various items of equipment for signal and power, is provided.

RANDTRIEVER I Equipment Specification - continued

3.2. Specific Description

3.2.1. System

The RANDTRIEVER I system for the library at the Des Moines Area Community College.

Includes two (2) consoles, two (2) aisles, each with motorized column, 5,760 containers, a conveyer system and a data processing unit (DPU). The storage shelving will be located in the storage area room, as shown on Remington Rand drawing RT-13 sheets 1 and 2.

3.2.2. The general arrangement of the equipment is shown on Remington Rand's Drawing RT-13.

3.2.3. Consoles - Each console contains the essential elements for the operator to address the equipment and for retrieval and dispatch of containers.

3.2.4. Aisles - The system has two identical aisles, Each aisle is double faced and contains 18 full modular sections twenty (20) shelves high. Each full modular section of 20 shelves provides storage for 160 containers. Each of the aisles provides storage for 2880 containers or a total of 5760 containers for both aisles.

3.2.5. Containers - Each container provides a storage volume 7.17 wide by 14.47 deep by 10.19 high. It is permissible to have the stored media protrude a maximum of .31 above the

RANDTRIEVER I Equipment Specification - continued

container upper edge when passing through the system and when stored on a shelf. Assuming an average of 12.5 volumes of library media to be stored per container, the 5,760 containers will provide storage for approximately 72,000 volumes. Dividers will be furnished for use in the containers. These dividers will be two types, cross-wise and length-wise, and will be supplied in quantities representing 80% and 20% of the container quantities, respectively. The dividers are removable and interchangeable between containers.

3.2.6. Conveyer

The conveyer system will be of sufficient length to cover an ultimate expanded installation containing three (3) aisles. However, the main conveyer will be interfaced to receive and discharge containers with only the two (2) active aisles being furnished.

3.2.7. Data Processing Unit (DPU)

The Data Processing Unit will have the necessary control and power circuits to interface the two (2) consoles with the conveyer and the two (2) aisles.

3.2.8. Operating Description

The operator will start the system by turning on a switch at any console. After one switch on any console is turned on, the switches at the other consoles turn on the specific console

RANDTRIEVER I Equipment Specification - continued

equipment only. All power to the equipment would be turned off when all switches on all consoles have been turned off. Any container in storage can be called to any console by using either a keyboard or a card reader. The keyboard requires the insertion of a container number. The card reader receives a container number from a card that has been encoded in a specified location on the card as specified by Remington Rand. There are two modes of requests that can be placed on the system, "Refile" and "Retrieve". In the "Retrieve" mode, a container number is sent into the system, either by keyboard or card. The requested container stops in the verifier wait station of the console causing the container number to be displayed on the console. The container will move into the open position of the console when the return switch is pressed. In the "Refile" mode, the container is requested and follows the path in the same manner as in a "Retrieve" mode, stopping in the verifier wait station. To verify, the card is inserted in a reader, if the information transmitted by the container and card reader compare, the container will move into the open position of the console. If cards are not used, verification will be accomplished by a keyboard entry. In either mode, the container is started on its return to storage by pressing the return switch at the console. The container then continues to its storage position without further human direction.

RANDTRIEVER I Equipment Specification - continued

3.2.9. Retrieval Speed - With no other requests or refiles being acted on by the system, the maximum time required from initiation of a request from a console, to retrieve a container from the most distant location from the console in the storage area and deliver the container to the console, shall not exceed 120 seconds. With no other requests or refiles being acted on by the system, the minimum time required, from initiation of a request from a console, to retrieve a container from the nearest location to the console and deliver the container to the nearest console, shall not exceed 60 seconds.

The system will accept multiple sequential requests from each operator to pull a container from storage. The system stores and operates on requests sequentially and will store approximately 100 requests. Each request is retained in storage until the requested container has been restored to its storage position on the shelf. By keeping a number of requests loaded into the system a practically continuous flow of containers will be available at the console.

3.3. Installation Interface - The requirements specified below must be satisfied by the site to accept a RANDTRIEVER installation.

3.3.1. Floor Load and Fastener Penetration - The floor in the storage area must be capable of carrying a uniformly distributed load of 536 pounds per square foot, and a punching load of 3,283 pounds on a bearing surface of 4" x 2.5". Fastening to the floor will be accomplished using Ramset fasteners or equal and may penetrate into the floor up to 2 1/2".

RANDTRIEVER I Equipment Specification - continued

3.3.2. Temperature and Humidity - The temperature range in the storage area must be between 40° and 112° F. The relative humidity must be no greater than 90%.

3.3.3. Power Distribution and Loading - The following alternating current, electrical power lines will be required at a distribution panel in the storage area located as shown on Remington Rand's Drawing RT-13.

- 3 - 2 KVA, 130-105 V - 68 Hz circuits
(Master Columns)
- 1 - .5 KVA 130-105V - 68 Hz
- 10 - 1.5 KVA 130-105V - 68 Hz (controls,
conveyers, utilities and spares)

The distribution panel must be equipped with circuit breakers.

3.3.4. Clearance and Access

The storage area requires an unobstructed clear height from the floor attach points of the shelving to the top of the equipment 23' 10". This is a clearance required for equipment only and does not include allowances for clearances from overhead structures,

RANDTRIEVER I Equipment Specifications - continued

lighting fixtures, piping ducting, or fire protection systems, including sprinkler heads, sensors, or spacing from these devices required by laws, regulation, codes, etc. The specific clearances and accesses required for each specific item of equipment will be furnished by Remington Rand. Each piece of equipment furnished, requires access for installation, periodic maintenance and trouble shooting. Special consideration must be provided for the console and the routing of the conveyers. The estimated size of the largest deliverable item is 5 feet by 5 feet by 25 feet by 1000 pounds.

3.4. Materials and Finishes

3.4.1. Materials

All parts and materials furnished will be new. All electrical parts and materials shall, where applicable, conform to the National Electrical Code.

All parts and materials shall carry the approval of the Underwriters' Laboratories for the intended service. Where no approved parts or materials exist for the specific application or rating, Remington Rand will select suitable parts and materials.

3.4.2. Finishes

3.4.2.1. All shelving in the storage area shall be treated with a suitable corrosion resistant finish at Remington Rand's discretion.

RANDTRIEVER I Equipment Specification - continued

3.4.2.2. All finished parts of the console, conveyers, and associated support structure will be finished in baked enamel in one of Remington Rand's standard colors.

3.4.2.3. All electrical parts and materials will be furnished in the manufacturer's standard finish.

4.0. Quality Assurance

The installed RANDTRIEVER I System will be inspected by Remington Rand to determine that all items have been delivered, installed, and inter-connected in accordance with good commercial practice and the system will be operated to determine that proper operation is obtained.

4.1. Testing for Proper Operation

A group of test containers, representing a sampling of delivered containers, shall be installed in all aisles of the storage area. The test containers shall be representative of each shelf level on each side of the aisle, each module in the row and each position on the shelf. Each module face shall have at least two test containers installed. Each test container shall be retrieved from and returned to storage, using all methods of input available at the console.

Requesting one of the most distant and one of the nearest test containers, the time for retrieval shall be in accordance with paragraph 3.2.10. above.

RANDTRIEVER I Equipment Specification - continued

4.2. A certified manifest of the containers along with inspection data, shall be furnished. Other than as required by paragraph 4.1. above, containers will not be loaded into the system, but will be available on site.

5.0. Design, Construction, and Installation Changes

Further refinement and alteration in design, construction, and installation of RANDTRIEVER I will conform to the building plans and specifications of the IMC, DMACC, dated August 18, 1969, and Revision 1 on Drawing M11-7, Revision 1 on Drawing M11-9, Revision 1 on Drawing M11-11, Revision 1 on Drawing M11-13, Revision 1 and Revision 2 on Drawing M11-15, note in Room 1168 on Drawing E11-1 "In this room nothing shall be suspended lower than 10" below the bottom of the spandeck", Revision 3 on Drawing E11-3, Revision 1 on Drawing E11-5, Revision 1 on Drawing E11-6, Revision 1 on Drawing E11-8, Revision 1 on E11-10, Revision 1 and Revision 2 on Drawing E11-12, as submitted to the Engineering Division, Sperry Rand Corporation, Marietta, Ohio.

Revised Copy
March 4, 1970

A REMINGTON RAND
LIBRARY BUREAU DIVISION
PROPOSAL

TO - Des Moines Area Community College (DMACC), Ankeny, Iowa

FOR - Supply, Installation and Service

OF - RANDTRIEVER I

FOR - Des Moines Area Community College Library

1.0. Scope

This proposal covers the equipment and services to be furnished by Remington Rand Library Bureau Division (RRLB) to the Des Moines Area Community College (DMACC) in connection with the supply, installation and service of Randtriever I for storage and retrieval of library documents at the DMACC Library in Ankeny, Iowa.

2.0. Work

RRLB will manufacture, deliver, install and maintain for one year a Randtriever I system for filing and retrieval of containers suitable for storage of library documentation.

2.1. Equipment

The equipment to be delivered and installed will conform to the requirements stated in Remington Rand Office Systems Division document entitled "Randtriever Equipment Specification" Des Moines Area Community College (Area XI), March 4, 1970.

The equipment will be manufactured and delivered to the site in Ankeny, Iowa in a manner consistent with orderly and progressive installation. The total complement of equipment will not be erected prior to delivery. A partial installation will be used

during manufacture to establish that all components of the equipment perform properly prior to delivery.

RRLB personnel will instruct DMACC personnel in the operation of the system and will provide a manual of Operator Instructions suitable for use in training of operators to operate the equipment.

The equipment will be shipped to the site properly packaged for inside storage while awaiting installation.

2.2. Installation

RRLB will install the equipment in the spaces provided in accordance with the general arrangements shown on Remington Rand Office Systems Division Drawing RT-13, sheet 1, Rev. "A" and sheet 2, Rev. "A", both dated December 22, 1969, entitled Des Moines Area Community College (Area XI).

2.2.1. Site Preparation

DMACC will be responsible for preparation of the site in accordance with the Installation Interface Requirements specified in the Randriever I Equipment Specification stated in paragraph 2.1. above and other specific requirements pertinent to each item of equipment as they become known by RRLB. RRLB will maintain surveillance of the site during preparation and advise the DMACC in writing of any potential conflicts with the installation of the equipment. Any changes in the equipment design or delays in performance arising out of conflicts caused by the building contractor or owner will be the responsibility of the DMACC.

2.2.2. Permits, Etc.

The DMACC will obtain any permits, licenses, or approvals required by all authorities having an interest in the equipment and installation.

2.2.3. Installation Documentation

RRLB will prepare a set of drawings showing the detailed electrical and mechanical configuration. These drawings will be used to install, erect, and hook up the equipment. The drawings will be updated to show the as-installed configuration. Two sets of these drawings will be furnished to the DMACC within thirty (30) days after acceptance of the installation.

2.2.4. Storage

The DMACC will provide space for secure storage of delivered equipment prior to erection and installation. In addition, the DMACC shall provide storage space for all delivered containers subsequent to delivery and after installation until the containers are loaded with library media and stored in the equipment.

2.2.5. Working Conditions and Facilities

The DMACC shall provide the necessary space, heat, light and power, to maintain suitable working and operating conditions for equipment and personnel.

2.2.6. Installation Services

RRLB will provide all necessary labor and materials to accept delivery of all equipment from the carrier, move all equipment

into designated storage areas, erect, install, hook up, make operable and demonstrate that the equipment is operating satisfactorily.

2.2.7. Acceptance

The DMACC will, for purpose of completion of delivery and installation accept the equipment upon demonstration that the equipment is operating satisfactorily in accordance with the Quality Assurance provisions of the equipment specification stated in paragraph 2.1. above. It is understood that the equipment is not to be loaded with containers, other than by RRLB personnel for test purposes, until such time as acceptance has been made by the DMACC.

3.0. Service and Maintenance

RRLB will, for a period of one calendar year, beginning with the date on which Acceptance under paragraph 2.2.7. above occurs, provide preventative and remedial maintenance service and parts to maintain the equipment in satisfactory operating conditions. Furthermore, RRLB will incorporate into the equipment, subject to the owner's approval, any design changes which may have evolved prior to or subsequent to manufacture or delivery and which will, in RRLB's opinion, decrease the equipment downtime.

Preventative and remedial maintenance services will include replacement of all parts and material failing due to normal use, the labor to replace said parts, the labor to perform periodic adjustments, alignments, and lubrications and all materials consumed.

RRLB will maintain service personnel on site, on a continuous basis during the normal working hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, excluding holidays observed by RRLB.

During hours between 5:00 p.m. and 10:00 p.m. and on Saturdays and Sundays, service will be available subject to a maximum of four hours delay from time of notification of service personnel, at no additional cost to the DMACC.

RRLB will maintain a supply of replacement parts and assemblies on site for emergency replacement. In addition, RRLB will maintain a supply of replacement parts and assemblies at its parts warehouse. Any and all parts required from warehousing will be delivered to the DMACC campus by the most expeditious means of transportation available.

In the event that remedial maintenance or repair is required, due to misuse, abuse, fire, water, or accident, RRLB will charge the owner for the required parts and labor at the then prevailing hourly rates and parts prices.

During the period of service, the College shall provide for the use of RRLB maintenance and service personnel, adequate working and storage space adjacent to the installed equipment. Such space shall be provided with suitable working facilities, adequate light, heat and ventilation, as well as suitable electric current and outlets for tools and test purposes, adequate facilities for storage and safe-keeping of maintenance parts and equipment. Such working and storage space shall be sufficient in area to permit unhampered service of the system.

RRLB will equip its service personnel with the necessary manuals, drawings, tools, test equipment and supplies, to provide effective service.

3.1. Continuing Service

In addition to the service described above, RRLB will provide maintenance service for two additional years. Reimbursement for such services and parts will be on an annual cost basis with the estimate being made for the following year at the end of the preceding year. Annual cost is presently estimated at \$22,000, but in no case will this exceed \$32,000 per year.

For seven years beyond the initial three years of operation, RRLB will annually quote a firm price for service and parts to maintain the system.

If personnel employed by the DMACC are trained to service and maintain the System, RRLB will, by mutual agreement with the DMACC, discontinue providing maintenance service.

4.0. Schedule of Performance

4.1. Start equipment delivery December, 1970 or seven months after purchase order authorization, whichever is later.

4.2. Start installation January, 1971 or eight months after purchase order authorization, whichever is later. The DMACC may request a delay in installation upon written notification to RRLB 60 days in advance of scheduled installation.

4.3. Complete equipment delivery June, 1971 or 13 months after purchase order authorization, whichever is later.

4.4. Complete installation August, 1971 or 15 months after purchase order authorization, whichever is later.

4.5. Start service upon completion of installation and acceptance by DMACC.

4.6. Complete service pursuant to section 3.0. after acceptance by the College.

5.0. Payment

5.1. The DMACC shall pay, at the times and in the manner hereinafter provided to RRLB, a price consisting of the sum total of sections 5.2. and 5.3. subject to adjustment, pursuant to section 5.4., all of this section 5.0.

5.2. For furnishing and installing the System, the DMACC shall pay \$304,841.

5.3. For the maintenance services described in 3.0. above, the DMACC shall pay \$43,159.

5.4. The amounts stated in sections 5.2. and 5.3. of this section 5.0., shall be adjusted equitably, in amounts mutually agreed upon, in case of the occurrence of any of the following:

- (i) Basic design conditions are changed or different, or additional work, equipment or services are requested by the DMACC.

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- (ii) Any part of RRLB work is delayed or suspended by act or failure of the DMACC or delayed by act or failure of others, including without limitation, the Purchaser's architect and construction contractor performing work for Purchaser, whether at the premises or elsewhere.

In connection with any event identified at (i) or (ii), RRLB shall promptly submit, in writing, to the DMACC, the amount by which RRLB proposes the price be adjusted and the DMACC and RRLB shall thereupon agree, in writing, as to the adjustment in the price and the manner of payment thereof. It is agreed that, no additional or different work, equipment, or services shall be furnished until the amounts of the adjustments with respect thereto, have been mutually agreed in writing.

5.5. Amounts due hereunder shall be paid to Remington Rand as follows:

- (i) On execution of an inter-divisional purchase order, Purchaser shall pay to RRLB \$9,300 towards payment of the amount specified above, in section 5.2. This amount to be non-refundable in the event of cancellation of the order, RRLB shall submit invoices to DMACC in amounts equal to the sum of (a) 90% of Remington Rand's estimate of the value of work performed, to date of the invoice, plus (b) 75% of Remington Rand's estimate of the value of materials stored on the premises, or at some other location, agreed on in writing, by the parties, as of said date, the amount

of such invoice, minus payments previously made, shall be paid to RRLB within fifteen (15) days after submission of such invoice. In no case, however, shall more than 90% of the portion of the contract price, provided in section 5.2. hereof, as may be adjusted pursuant to section 5.4. hereof, be paid prior to the date on which the System is installed in operating condition and has been accepted by the DMACC. The balance of the amount due, pursuant to section 5.4. hereof, shall be paid within thirty (30) days after RRLB has demonstrated the System is installed and ready for operation and has been accepted by the DMACC per paragraph 2.2.7. above.

- (ii) The amount due, pursuant to section 5.3. hereof, shall be paid by the DMACC as follows:
One-half the amount (\$21,580) shall be paid within 30 days after acceptance of the Randtriever I, and the balance (\$21,579) at the end of the first six months maintenance period.
- (iii) Any amounts due, pursuant to section 3.0. hereof, may be invoiced to the DMACC on a monthly basis and shall be paid within 15 days after submission of invoice therefore.

6.0. Non-Performance

6.1. RRLB shall not be liable for any delay in performing, or failure to perform any of its obligations hereunder, including without limitation, any delay or failure in delivering or installing

the System, provided such delay or failure results from a cause beyond Remington Rand's reasonable control or results from an act of God, or of the public enemy, an act of any government, or from priorities, allocations, or from fire, flood, strike, freight embargo, unusually severe weather, insurrection or riot, car shortages, damage in transportation, or inability, due to causes beyond RRLB's reasonable control, to obtain necessary labor, materials or manufacturing facilities. In the event of a delay or failure in delivery or installation, resulting from any such causes, the SCHEDULED DELIVERY DATE and any other relevant date shall be postponed for a reasonable period of time, but in no event for less than the period of delay. In no event shall RRLB be liable for special or consequential damages by reason of any delay in performing or failure to perform, any of its obligations, hereunder.

7.0. Loss or Damage

Prior to acceptance of the System by the DMACC, RRLB shall be liable for all loss or destruction of or damage to the System or components thereof. RRLB will submit to the DMACC proof of insurance prior to the start of installation.

After acceptance of the System and until fully paid for by the College, DMACC shall be liable for all loss or destruction except where damage is due to negligence of/or actions by RRLB personnel.

8.0. Property of RRLB

Until the portion of the price provided in section 5.2., as adjusted has been paid in full to RRLB, the System is and shall remain at all times, the exclusive property of RRLB and shall not be deemed to be part of any real estate, and the DMACC shall not permit the sale, mortgage, lease or transfer of any interest in the System or permit the System to become the subject of any lien, encumbrance or charge, or any attachment, claim or right in rem of description.

This proposal and letter of transmittal supersede all prior or contemporaneous understandings, representations, communications or writings relating to the matters referred to herein.

Contract approved by Board of Directors
Des Moines Area Community College

Date: _____

Rolland E. Grefe, President

Contract approved by Remington Rand
Library Bureau Division

Date: _____

Title

March 18, 1970

MEMORANDUM

TO: Board of Directors
FROM: Paul Lowery *PL*
RE: Special Board Meeting, March 23

Enclosed are the following:

1. Agenda for March 23 meeting
2. Minutes of March 16 meeting

The Welfare Committee, representing the entire institution, will be in attendance at the board meeting, indicating that we probably should take up salaries as the first order of business.

Under separate cover we are sending for your review the proposed budget for fiscal 71, including a breakdown of receipts and expenditures, as well as a detailed listing of salaries for personnel.

The salaries for office staff have been figured on a straight 6% for all persons. Recommended raises for the personnel at Boone are a straight 6% increase also. The percent of increase for the personnel on the Ankeny campus varies. In some cases there are no raises projected, while others recommended go beyond the 6%, with the average being approximately 6%.

In addition to the 6% salary increase, I feel it advisable to consider an increase in the board contribution toward group hospitalization for each employee amounting to \$103.68 per year. This would increase the board participation in the insurance policy of each individual from the present \$11.36 per month to \$20.00 per month, for an increase of \$8.64 per month. This would cost a total of \$21,669.00 for 209 employees.

As discussed at the February meeting, the expenditures are well beyond our anticipated receipts during the fiscal year, however we do have enough excess operating monies available to meet the proposed budget, including the insurance provision.

ps
Enclosures 2

DES MOINES AREA COMMUNITY COLLEGE
 BUDGET 1970-1971
 RECEIPTS - GENERAL FUND

For Discussion Purposes Only
 3/23/70

	General Education	Vocational Technical	Adult Education	Board Adm. Business	Institutional Services	Student Services	Learning Resources	Physical Plant	TOTAL RECEIPTS
<u>Local Support:</u>									
3/4 Mill Property Tax	\$294,464	\$ 94,173	\$(128,463)	\$ 76,316	\$ 25,679	\$274,945	\$190,323	\$222,563	\$1,050,000
<u>State Support:</u>									
General Aid	347,085	539,055	440,235						1,326,375
Vocational Reimb.		981,405	66,012						1,047,417
Voc/Reimb.-Special		383,410							383,410
<u>Federal Support:</u>									
Other Federal Funds			80,000		10,000		8,078		98,078
<u>Tuition:</u>	350,600	325,880	82,000						758,480
<u>Student Fees:</u>									
Supply	5,200	69,294	750						75,244
Application	8,250	9,930							18,180
Other Fees	3,600								3,600
<u>Other Income:</u>									
Interest				2,500					2,500
Other (Prior Year Funds)				144,297					144,297
<hr/>									
TOTAL GENERAL FUND RECEIPTS	\$1,009,199	\$2,403,147	\$540,534	\$223,113	\$ 35,679	\$274,945	\$198,401	\$222,563	\$4,907,581

Des Moines Area Community College
 Budget 1970-71
 General Fund - Expenditure Statement

For Discussion Purposes Only
 3/23/70

	Total Admn.	Total Gen. Ed.	Voc/Tech	Adult Ed.	Student Services	Learning Resources	Physical Plant	Inst. Services	Total Budget
<u>SALARIES</u>									
Administration	\$ 76,373	\$ 47,880	\$	\$ 85,600	\$ 19,440	\$	\$ 8,850	\$ 21,600	\$ 259,743
Sect./Clerical	75,670	36,511	45,120	37,970	51,061	23,900	2,820	6,415	279,467
Instructional		530,702	1,116,714	248,520					1,895,936
Prof. Non. Instr.		41,982		45,973	124,322	40,200	11,000		263,477
Service Staff		19,000					96,970		115,970
Students	600	14,365		1,200	1,250	2,520			19,935
Total Salaries	152,643	690,440	1,161,834	419,263	196,073	66,620	119,640	28,015	2,834,528
<u>RELATED PAYROLL COSTS</u>									
FICA	5,178	21,810	41,507	17,485	7,850	2,743	5,581	712	102,866
IPERS	3,450	13,795	28,142	8,722	4,888	1,758	3,654	470	64,879
Long Term Disability	589	1,860	2,893	624	682	249	403	62	7,362
Group Health Insurance	3,437	8,280	17,658	2,506	3,978	1,141	2,622	276	39,898
Term Life Insurance	418	1,320	2,070	338	484	174	286	44	5,134
Total Related Payroll	13,072	47,065	92,270	29,675	17,882	6,065	12,546	1,564	220,139
<u>CONTRACTUAL SERVICES</u>									
Professional Services	10,000	1,600		23,000	6,000			800	41,400
Maint. & Repair Equip.	1,500	650	35,804	450	500	1,000	750	300	40,954
Bldg. & Bldg. Equip.		1,200					13,500		14,700
Printing & Dupl. Services		1,350		1,000	10,000	200		500	13,050
Grounds							3,000		3,000
Telephone & Telegraph	2,762	5,060	5,550	1,500	3,510	960	600	400	20,342
Insurance							13,300		13,300
Utilities	2,867	27,170	80,329	1,504	2,500	2,478	3,008		119,856
Rent of Buildings	12,904	129,290	254,911	7,867	11,250	11,151	5,269	200	432,842
Rent of Equipment			1,800	500					2,300
Postage & Freight	3,100	1,800		2,300	2,000	500		500	10,200
Other Cont. Serv.		750	208,780	16,000		2,000		800	228,330
Board Elect. Expense	3,000								3,000
Total Contractual Serv.	36,133	168,870	587,174	54,121	35,760	18,289	39,427	3,500	1,018,024

Des Moines Area Community College
 Budget 1970-71
 General Fund - Expenditure Statement

	Total Admn.	Total Gen. Ed.	Voc/Tech	Adult Ed.	Student Services	Learning Resources	Physical Plant	Inst. Services	Total Budget
<u>MATERIAL SUPPLIES, TRAVEL</u>									
Educational Material & Supp.	\$	\$ 8,982	\$88,700	\$14,000	\$	\$ 6,577	\$	\$	\$118,259
Office Material & Supply	4,500	2,540	19,000	2,000	5,000	500	180	600	34,320
Library Material & Supp.		500				5,490			5,990
Bldg. & Constr. Material							16,000		16,000
Janitorial Material & Supp.		3,500					10,500		14,000
Vehicle Supp. & Exp.							3,000		3,000
Grounds Maintenance							8,000		8,000
Other Material & Supply	1,200				700	750			2,650
General Travel Exp.	12,865	8,300	22,700	9,700	5,500	1,200	1,070	1,500	62,835
Total Material, Supply, and Travel	18,565	23,822	130,400	25,700	11,200	14,517	38,750	2,100	265,054
<u>CAPITAL OUTLAY</u>									
Ed. Furn. & Equip.		52,001	414,444	9,525		15,665		500	492,135
Office Furn. & Equip.	2,700	8,820	17,025	2,250	13,830	445	2,200		47,270
Const. & Maint. Equip.		2,500					10,000		12,500
Library Books & Films		15,681			200	76,800			92,681
Total Outlay	2,700	79,002	431,469	11,775	14,030	92,910	12,200	500	644,586
TOTAL GENERAL FUND EXPENDITURES	\$223,113	\$1,009,199	\$2,403,147	\$540,534	\$274,945	\$198,401	\$222,563	\$35,679	\$4,907,581