

ANCHORAGE SCHOOL DISTRICT  
ANCHORAGE, ALASKA

ASD MEMORANDUM #209 (2001-2002)

March 11, 2002

TO: SCHOOL BOARD

FROM: OFFICE OF THE SUPERINTENDENT

SUBJECT: AWARD OF CONTRACT: HANSHEW MIDDLE SCHOOL  
POWER AND DATA UPGRADES IN SUPPORT OF  
TECHNOLOGY

RECOMMENDATION:

It is the Administration's recommendation that the School Board approve and authorize the Superintendent to award a contract for the Hanshew Middle School Power and Data Upgrades in Support of Technology to the company of M and M Electric, Inc. for Base Bid A in the amount of \$194,000 and to accept Additive Alternate 1 in the amount of \$10,000 for a total award of \$204,000.

PERTINENT FACTS:

In April 2000, the voters approved Phase III funding of \$5,866,000 for infrastructure upgrades supporting computers and technology at 28 elementary, middle and secondary schools not funded under the first two phases of this Districtwide facility upgrade project.

The scope of work for this project includes installing new electrical and data wiring for student and administrative use of computers in classrooms, libraries and offices, as well as correcting Fire Marshal citations for electrical deficiencies. This work (Base Bid A and Alternate 1) will enable the electrical and data infrastructure to be in conformance with the District's Technology Plan, supporting the five-to-one student-to-computer ratio. Additive Alternate 1 will upgrade the Base Bid A Category 5e cabling plant to Category 6. Up to this time, previous projects have been constructed to meet Category 5e performance specifications. The standards for Category 6 have been recently refined and the cost of the cable has markedly decreased.

The Facilities Department commissioned an analysis by EIC Consulting Engineers to evaluate the benefits of upgrading to Category 6 cabling plant

considering the cost premium. Their recommendation was to install Category 6 in the High Schools and Middle Schools for the following reasons:

- The increased performance capabilities for student use of computers.
- Supports the use of interactive learning.
- Faster video and editing capability.
- Extended cable plant service life.
- Potential to reduce cost of electronic equipment.

The Facilities Department will continue advertising future projects to include the Category 6 installation as an Additive Alternate to segregate the cost and allow benefit from the latest technology advancements.

Each school principal, the school staff, the Information Technology Department, and the Instructional Technology Coordinator were consulted to determine the school's specific needs. Coffman Engineering developed the project construction documents based upon this stakeholder input and will be assisting in construction administration.

A solicitation for bids for Hanshew Middle School Power and Data Upgrades in Support of Technology was issued on January 25, 2002. Three bids were received on February 19, 2002 (Attachment A). The low responsive bid was submitted by M and M Electric, Inc. in the amount of \$204,000.

M and M Electric, Inc. has completed all the standard requirements, by providing Payment and Performance bonds and necessary insurance documentation. M and M Electric, Inc. has had previous, successful experience with the Anchorage School District on multiple ADA upgrades, M. L. King Career Center Collator Installation, and Bear Valley School Water Treatment Electrical Installation.

## BUDGET SUMMARY

Design	\$ 12,785
Construction	204,000
Construction Contingency	5,517
Other Project Costs	<u>33,424</u>
Total Project Funding	\$255,726

### CERTIFICATION OF FUNDS:

#### Funds Description:

(03) Capital Project Funds  
(00311701) 2000B G.O. Bond (2000 Authorization)  
(5200) Contracts

#### Fund Source:

	<u>Fund</u>	<u>Funding Source</u>	<u>Account Code</u>	<u>Amount</u>
Hanshew	03	00311701	74014-5200	\$204,000

CC/GV/RA/MF/BH/SN/AF/sl

#### Attachments

Prepared by: Alan Feters, Project Manager  
Michael W. Franks, Construction Manager, Major Maintenance  
Stuart Nibeck, Contracting Coordinator  
Bob Henry, Director of Purchasing/Warehouse  
Ray Amsden, Director of Facilities

Approved by: George Vakalis, Assistant Superintendent of Support Services

ANCHORAGE SCHOOL DISTRICT  
ANCHORAGE, ALASKA

ABSTRACT OF BID

Commodity or Service:	<u>Hanshew Middle School Power and Data Upgrades in Support of Technology</u>
Bids Opened:	<u>2:00 P.M., Anchorage Time February 19, 2002</u>
Number of Invitations Sent:	<u>Twenty-Five (25)</u>
Number of Responsive Bids Received:	<u>Three (3)</u>
Number of "NO BIDS" Received:	<u>None (0)</u>
Advertising Date:	<u>Anchorage Daily News January 27, 28, February 3, 2002</u>
Prebid Conference Held:	<u>10:00 A.M., Anchorage Time February 6, 2002</u>
Addendum Issued:	<u>Addendum #1            February 11, 2002 Addendum #2            February 11, 2002</u>

ANCHORAGE SCHOOL DISTRICT  
PURCHASING DEPARTMENT  
Contracting Section  
1301 Labar Street  
Anchorage, Alaska 99515

TABULATION OF BIDS

Opened: 2:00 P.M., Anchorage Time February 19, 2002

Invitation: Hanshew Middle School Power and Data Upgrades in Support of  
Technology

VENDORS

1. Aurora Electric/DataTel  
1118 East 70<sup>th</sup> Avenue  
Anchorage, AK 99518
  
2. Consolidated Contracting & Engineering  
2440 East Tudor Road #1139  
Anchorage, AK 99507
  
3. M and M Electric Inc.  
P O Box 221404  
Anchorage, AK 99522

DESCRIPTION	Estimate	1	2	3
Base Bid		\$245,600.00	\$196,666.00	\$194,000.00
Additive Alternate 1 furnish a structured cabling system based on EIA/TIA proposed Category 6 standards in the place of the base bid Category 5e standards.		\$9,000.00	\$11,111.00	\$10,000.00
Recommend for Award	\$198,500.00	\$254,600.00	\$207,777.00	\$204,000.00



- \* Submit this form with the School Board memorandum to the Chief Financial Officer not later than Tuesday before the respective Board meeting date.
- \* This certification is to be filed with the related School Board memorandum.