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BRIDGER BLDG.

COMMISSION

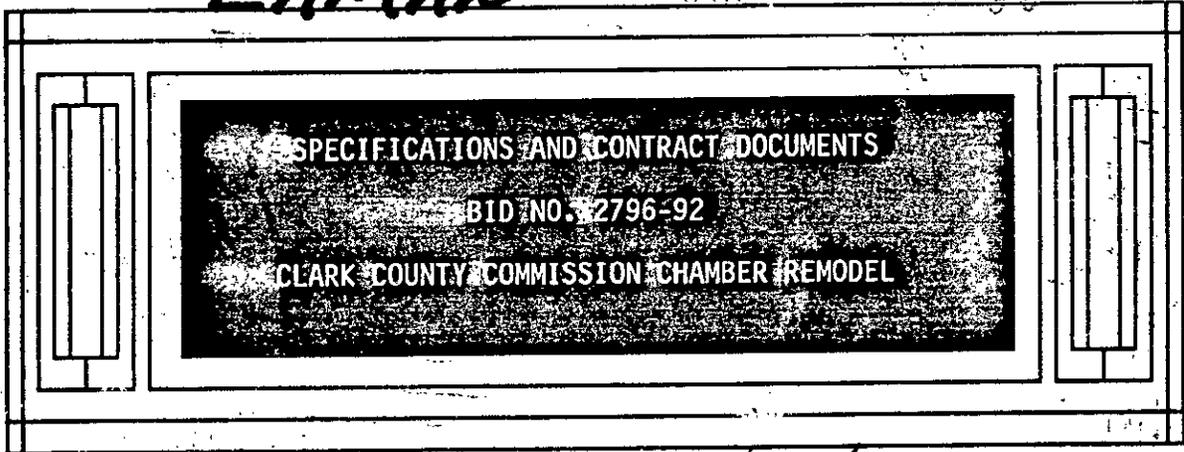
CHAMBER

REMODEL

1992

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REVISION 10



Bid OPENING 5/22/92

CLARK COUNTY, NEVADA

18

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Clark County

CLARK COUNTY
INVITATION TO BID
BID NO. 2796-92

General Services

BRIDGER BUILDING - 10TH FLOOR
225 BRIDGER AVENUE
LAS VEGAS, NEVADA 89155
(702) 455-4425

CLARK COUNTY COMMISSION CHAMBER REMODEL

THIS PROJECT IS FOR THE REMODEL OF THE CLARK COUNTY COMMISSION CHAMBERS WHICH WILL CONSIST OF A COMPUTER VOTING SYSTEM, TIMER SYSTEM, VIDEO SYSTEM, AND AUDIO SYSTEMS TO THE CHAMBERS AND FIFTH AND SIXTH FLOORS.

ESTIMATED COST: \$70,000

PREBID CONFERENCE: MANDATORY APRIL 27, 1992 AT 1:30 PM. There will be a mandatory prebid conference held in the Commission Chambers, at Clark County, 225 Bridger Avenue, First Floor, Las Vegas, Nevada. The purpose of the Conference is to review and discuss both the specifications and the County's Minority and Women-Owned Business Policy. Immediately following this meeting will be a site visitation which will include the Commission Chambers, and the 5th and 6th floors where the remodeling will take place.

If Bidders cannot make the Mandatory Prebid Conference on the above scheduled date, bidders shall contact Tammy M. Dye at (702) 455-4425 no later than April 24, 1992. An additional mandatory prebid conference shall be scheduled for those bidders not able to attend the April 27, 1992 prebid, and have notified Tammy M. Dye that they will not be able to attend. The second prebid will be scheduled approximately 10 days after the April 27, prebid and all bidders shall be notified. Bidders attending the first prebid will not be required to attend the second prebid, but may if they so choose.

BIDS WILL ONLY BE ACCEPTED FROM BIDDERS ATTENDING THE MANDATORY PREBID, ALL OTHER BIDS WILL BE REJECTED.

Bids will be received in the Office of the Clark County Director of General Services, Purchasing Division, Bridger Building, Tenth Floor, 225 Bridger Avenue, Las Vegas, Nevada 89155 on May 22, 1992. Bids must be time-stamped at 3:00 PM or before, bids time-stamped at 3:01 PM or after will be returned to the bidder. Overnight Mail must use the 89101 zip code.

Specifications and drawings are available at the above address for a nonrefundable charge of \$10, and if specifications are to be mailed, there is an additional nonrefundable charge of \$5.

~~All checks are to be made payable to the Clark County Treasurer. IF YOU PAY IN CASH, PLEASE HAVE THE EXACT CHANGE.~~

BOARD OF COMMISSIONERS
CLARK COUNTY, NEVADA

Published: Las Vegas Review-Journal
April 20, 1992

Las Vegas Sentinel-Voice
April 23, 1992

El Mundo
April 24, 1992

SPECIAL NOTE TO ALL RECIPIENTS OF THIS INVITATION - BID NO. 2796-92

You have received this Invitation to Bid because you are listed on our Bidder's List for this category. To remain in this specific category, you must do one of the following before the Bid Opening.

1. Pick up a set of bid documents, if applicable.
2. Submit a Bid.
3. Return the Invitation to Bid marked "No Bid." Your envelope must be clearly marked with the bid number and the words "No Bid." Only one "No Bid" is to be submitted per envelope. Fill in your name and address on the lines provided below.

To be removed from this category, do not respond. To be added to a new category or to change information in our files, including change of address, a new Bidder's Application will be necessary.

~~DO NOT FILL IN THIS SECTION UNLESS YOU ARE SUBMITTING A NO BID.~~

Company Name _____
Address _____

Bid Number: _____

COMMISSIONERS

Jay Bingham, Chairman • Karen Hayes, Vice-Chairman
Paul J. Christensen, Thalia M. Condero, William U. Pearson, Don Schlesinger, Bruce L. Woodbury
Donald L. "Pat" Shaimy, County Manager

GENERAL PROVISIONS

BID NO. 2796-92

CLARK COUNTY COMMISSION CHAMBER REMODEL

1. **INCLUSION OF INVITATION TO BID:**

The Invitation to Bid, as advertised, will be considered an inclusion of the specifications and conditions.

2. **TERMS "OWNER" AND "GOVERNING BODY":**

The term "Owner" as used throughout these documents will mean County of Clark, Las Vegas, Nevada. The term "Governing Body" as used throughout these documents will mean the Clark County Board of Commissioners.

3. **PREPARATION OF FORMS:**

Bid Proposals will be submitted on the forms provided by Owner. All figures must be written in ink or typewritten. Figures written in pencil or erasures are not acceptable. Any interlineation, alteration or erasure must be initialed by a person authorized to bind the Bidder to a contract. If the person making said interlineation, alteration or erasure is not the same person who signs the Bid Proposal, such person must write his/her signature and print his/her name and title on each page of the Bid Proposal where the initials appear.

4. **LATE BIDS:**

Formal, advertised bids indicate a time by which the bids must be received in the General Services Department. These bids are time-stamped upon receipt. Bids received after that time will be returned, unopened, to the bidder.

5. **WITHDRAWAL OF BID:**

Bidders may request withdrawal of a posted, sealed proposal prior to the scheduled bid opening time provided the request for withdrawal is submitted to the Director of General Services in writing. No bids may be withdrawn for a period of sixty (60) calendar days after the date of bid opening.

6. **REJECTION OF BID:**

Owner reserves the right to reject any and all bids received by reason of this request.

General Provisions
Clark County Commission Chamber Remodel

7. **INCONSISTENCIES IN CONDITIONS:**

In the event there are inconsistencies between the General Provisions and other bid terms or conditions contained herein, the former will take precedence.

8. **ADDENDA AND INTERPRETATIONS:**

If it becomes necessary to revise any part of this bid, a written addendum will be provided to all bidders. Owner is not bound by any oral representations, clarifications, or changes made in the written specifications by Owner's employees, unless such clarification or change is provided to bidders in written addendum form from the Director of General Services.

9. **LOWEST RESPONSIVE AND RESPONSIBLE BIDDER:**

All bids will be awarded to the lowest responsive and responsible bidder. The determination of the lowest responsive and responsible bidder may involve all or some of the following factors: price, conformity to specifications, financial ability to meet the contract, previous performance, facilities and equipment, availability of repair parts, experience, delivery promise, terms of payments, compatibility as required, other costs, and other objective and accountable factors which are reasonable.

10. **DISQUALIFICATION OF BIDDERS:**

Bidders may be disqualified and rejection of Proposals may be recommended to the Owner for any of (but not limited to) the following causes:

- a. Failure to use the proposal form furnished by the Owner.
- b. Lack of signature by an authorized representative on the proposal form.
- c. Failure to properly complete the proposal.
- d. Evidence of collusion among proposers.
- e. Omission of proposal guarantee.
- f. Submittal of an uncertified personal or company check as a proposal guarantee.
- g. Unauthorized alteration of bid form.

Owner reserves the right to waive any minor informality or irregularity.

11. ASSIGNMENT OF CONTRACTUAL RIGHTS:

It is agreed that the successful bidder will not assign, transfer, convey or otherwise dispose of the contract or its right, title or interest in or to the same, or any part thereof, without previous written consent of Owner and any sureties.

12. TAXES:

Contractor shall pay all taxes, levies, duties and assessments of every nature which may be applicable to any work under this Contract. The Contract Sum and any agreed variations thereof shall include all taxes imposed by law. Contractor shall make any and all payroll deductions required by law. Contractor herein indemnifies and holds the Owner harmless from any liability on account of any and all such taxes, levies, duties, assessments and deductions.

13. FEDERAL, STATE, LOCAL LAWS:

All bidders will comply with all Federal, State and local laws relative to conducting business in Clark County including, but not limited to, licensing, labor and health laws, and including NRS 338.010 through 338.180, as amended, if applicable. The laws of the State of Nevada will govern as to the interpretation, validity and effect of this bid, its award, and any contract entered into.

14. INDEMNITY:

The successful bidder agrees, by entering into this contract, to defend, indemnify and hold Owner harmless from any and all causes of action or claims of damages arising out of or related to bidder's performance under this contract.

15. COLLUSION CLAUSE:

Any evidence of agreement or collusion among bidders and prospective bidders acting to illegally restrain freedom of competition by agreement to bid a fixed price, or otherwise, will render the bids of such bidders void.

Advance disclosures of any information to any particular bidder which gives that bidder any advantage over any other interested bidder, in advance of the opening bids, whether in response to advertising or an informal request for bids, made or permitted by a member of the governing body or an employee or representative thereof, will operate to void all proposals of that particular bid solicitation or request.

General Provisions
Clark County Commission Chamber Remodel

16. **MINORITY BUSINESS CLAUSE:**

Minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, creed, sex, or national origin in consideration for an award.

17. **PROTESTS:**

Any actual or prospective bidder, offeror or contractor who is allegedly aggrieved in connection with the solicitation or award of a contract may protest. The protest will be submitted in writing to the Director of General Services, within seven (7) days after such aggrieved person knows or should have known of the facts giving rise thereto. If the protest is not resolved by mutual agreement, the Director of General Services will promptly issue a decision in writing to the protestant and any other party intervening. If the protestant wishes to appeal the decision rendered by the Director of General Services, such appeal must be made to the governing body, through the Director of General Services. The decision of the governing body will be final. The governing body need not consider protests unless this procedure is followed.

INSTRUCTIONS TO BIDDERS
BID NO. 2796-92
CLARK COUNTY COMMISSION CHAMBER REMODEL

Void Addendum #1

1. **PREBID CONFERENCE:** MANDATORY APRIL 27, 1992 AT 1:30 PM

~~There will be a mandatory prebid conference held in the Commission Chambers, at Clark County, 225 Bridger Avenue, First Floor, Las Vegas, Nevada. The purpose of the Conference is to review and discuss both the specifications and the County's Minority and Women-Owned Business Policy. Immediately following this meeting will be a site visitation which will include the Commission Chambers, and the 5th and 6th floors where the remodeling will take place.~~

If Bidders cannot make the Mandatory Prebid Conference on the above scheduled date, bidders shall contact Tammy M. Dye at (702) 455-4425 no later than April 24, 1992. An additional mandatory Prebid Conference shall be scheduled for those bidders not able to attend the April 27, 1992 prebid, and have notified Tammy M. Dye that they will not be able to attend. The second prebid will be scheduled approximately 10 days after the April 27, prebid and all bidders shall be notified. Bidders attending the first prebid will not be required to attend the second prebid, but may if they so choose.

BIDS WILL ONLY BE ACCEPTED FROM BIDDERS ATTENDING THE MANDATORY PREBID, ALL OTHER BIDS WILL BE REJECTED.

2. **DESIGNATED CONTACTS:**

- A. The designated contact after award of this contract is David Laman, Project Manager, telephone number (702) 376-0340 or Kerry Vernon, telephone number (702) 455-3491.
- B. The Consulting Engineer for this project is T.J. Krob Consulting Engineers Inc., Thomas Krob, P.E., telephone number (702) 871-3621.
- C. For any further information on this Invitation to Bid, contact Tammy Dye, Senior Buyer, telephone number (702) 455-4425, Clark County General Services Department, Bridger Building, Tenth Floor, 225 Bridger Avenue, Las Vegas, Nevada 89155.

3. **DEFINITIONS:**

- A. Addendum: An Addendum is a written or graphic instrument issued by the Owner via the Clark County General Services Office prior to the submission of bids which modifies or interprets the bidding documents by additions, deletions, clarifications, or corrections or other type of modifications. All addenda will become part of the Contract Documents when the Contract is executed.

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Clark County Commission Chamber Remodel

- B. Bidding Documents: Bidding Documents include the Invitation to Bid, Instructions to Bidders, General Provisions, General Conditions, the Bid Form, bond and contract forms, the proposed Contract including Exhibits thereto, any Addenda issued prior to the date designated for receipt of bids, as applicable.
- C. Contractor: The term "Contractor" shall mean the person or entity identified as such in the Contract and is referred to throughout the Contract Documents. Contractor shall mean the Contractor or his authorized representative.
- D. Subcontractor: Any individual, firm, or corporation to whom the Contractor, with the consent of the Owner, sublets any part of the contract.

4. **BIDDER'S REPRESENTATION:**

- A. Each Bidder by submitting his Bid represents that:
 - 1) He has read and understands the Bidding Documents and that his Bid is made in accordance therewith.
 - 2) He has visited the site and familiarized himself with the local conditions under which the work is to be performed.
- B. Nevada State Contractor's Board Licensing

Bidders for this Work shall be qualified and licensed for this particular Work by the Nevada State Contractor's Board prior to time of Bid Opening. Failure to comply shall result in disqualification. Nevada Contractor's License type, number and dollar limit must be indicated where requested for the Bidder. Questions concerning license requirements shall be directed to the Nevada State Contractor's Board. The decision of the Nevada State Contractor's Board shall be final.

5. **BIDDING DOCUMENTS:**

- A. Addenda:
 - 1) Addenda will be mailed or delivered to all who are known by the Director of General Services to have received a complete set of Bidding Documents.
 - 2) Copies of Addenda will be made available for inspection at the Clark County General Services Department where Bidding Documents are on file for that purpose.

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Clark County Commission Chamber Remodel

- 3) Prior to submission of the Bid, each Bidder shall ascertain that it has received all Addenda issued. The Bidder shall acknowledge receipt of Addenda by completing the acknowledgment space provided on the Bid Form.

B. Bid Security:

- 1) Each Bid shall be accompanied by a bid security (in the form of, at Bidder's option, of a Cashier's Check, Certified Check, Money Order or Bid Bond in favor of the Owner) in the amount of Five Percent (5%) of the bid amount, pledging that the Bidder will within 15 days after Notice of Award, enter into a contract with the Owner on the terms stated in his Bid and will furnish bonds as described hereunder in Section 8 covering the faithful performance of the Contractor and the payment of all obligations arising thereunder. Should the Bidder refuse to enter into such Contract or fail to furnish such bonds, the amount of the bid security may be forfeited to the Owner as liquidated damages, not as penalty. All checks and money orders must indicate the Payee as Clark County and reflect the complete bid number.
- 2) The Bond shall be written on either a standard Bid Bond form or the enclosed form, and the attorney-in-fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of his power of attorney.
- 3) The Owner will have the right to retain the bid security of bidders to whom an award is being considered until either (a) the Contract has been executed and bonds have been furnished, or (b) the specified time has elapsed so that Bids may be withdrawn, or (c) all Bids have been rejected.

C. Bid Documents Necessary for Submittal:

These documents, together, comprise a Bid. The BID FORM and all STIPULATED ATTACHMENTS AND THE BID SECURITY shall be included in the envelope containing the bid. Omission of or failure to complete any portion of the required documents at the time of Bid Opening may be cause to reject the entire bid. (As a general rule, all bidders should include in their bid submittal any document which requires a written response.)

Instructions to Bidders
Clark County Commission Chamber Remodel

6. **BIDDING PROCEDURE:**

A. Subcontractors and Supplier Information

Within fifteen (15) calendar days from receipt of the Notice of Award, the successful Bidder shall provide Bid Attachment 2 (Designation of Subcontractors and Minority Disadvantaged Business Enterprises) and Bid Attachment 3 (Designation of Material Suppliers). Both forms will have the spaces filled in for each category, but no more than one firm will be identified for each category. If the successful bidder plans to provide the work or material, then the space may have the word "SELF" or be left blank.

1. If it is the Contractor's intention to perform any phase of required work, the Contractor need only list himself. In this case, all personnel performing services under any phases, shall be carried on the Contractor's payroll.
2. Contractor agrees that they will assume responsibility for acts or omissions of their subcontractors and of persons either directly or indirectly employed by them, as they are for the acts or omissions of persons directly employed by the Contractor. Nothing contained in the contract documents shall create any contractual relation between subcontractor and Clark County.
3. The Owner reserves the right to request copies of any or all contracts that the successful bidder may have with his subcontractor.

B. Submission of Bids:

The Proposal Form and accompanying documents shall be enclosed in a sealed opaque envelope. The envelope shall be addressed as follows:

Clark County General Services Department
Bridger Building, Tenth Floor
225 Bridger Avenue
Las Vegas, Nevada 89155

BID NUMBER 2796-92, CLARK COUNTY COMMISSION CHAMBER REMODEL

The name and address of the Bidder shall appear in the upper left hand corner. No responsibility will attach to the Owner or any official or employee thereof, for the preopening of, postopening of, or the failure to open a proposal not properly addressed and identified.

7. **CONSIDERATION OF BIDS AND AWARD OF CONTRACTS:**

A. Rejection of Bids:

The Board of Clark County Commissioners reserves the right to waive any informality or irregularity in any Bid received, to reject any and/or all Bids, and to rebid.

B. Award Method:

Award shall be made to the lowest responsive and responsible bidder based on the total bid amount.

8. **BONDS AND INSURANCE**

The Contractor shall provide all submittals requested in this section within fifteen (15) calendar days. If the Contractor does not provide the submittals on or before the 15th calendar day, he will pay over to the Owner the amount of **\$100** per day as liquidated damages. If the Contractor does not keep the bonds or insurance policies in effect or allows them to lapse, the Contractor will pay over to the Owner the amount of **\$500** per day as liquidated damages.

A. Bonds:

- 1) The Contractor shall furnish bonds covering the faithful performance of the Contract, payment of all obligations arising thereunder and a guaranty bond to take effect upon completion of the project, in such a form and amount as the Owner may prescribe. Bonds may be secured through the Contractor's usual sources provided the surety is authorized and licensed to do business in the State of Nevada.
- 2) Prior to execution of a Contract, and not later than fifteen (15) calendar days after notification of award, the successful Bidder shall furnish contract bonds to the Clark County General Services Department as follows:

Labor and Material Payment Bond in the amount of 100 percent of the contract price.

Performance Bond in the amount of 100 percent of the Contract price.

Guaranty Bond in the amount of 100 percent of the Contract price. The Guaranty Bond will go into effect when the Notice of Completion is approved by the Board of County Commissioners.

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Clark County Commission Chamber Remodel

B. Form of Bonds:

- 1) The Bonds referred to in Section 8.1 shall be written on the Performance Bond, Labor and Material Payment Bond, and Guaranty Bond forms provided by Owner.
- 2) The Bidder shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of his power of attorney.
- 3) Any Labor and Material Payment Bond, Performance Bond or Guaranty Bond prepared by a licensed nonresident agent must be countersigned by a resident agent as per the provisions of NRS 680A.300.

C. Insurance:

- 1) Prior to execution of a Contract, and not later than fifteen (15) calendar days after notification of award, the successful Bidder shall furnish certificates of insurance as indicated below. The certificates for each insurance policy are to be signed by a person authorized by that insurer and licensed by the State of Nevada.
- 2) As a condition precedent to receiving payments, Contractor shall have on file with the Owner current certificates of insurance evidencing the required coverage. Insurance certificates for the Owner should contain the information shown on the sample certificates attached.
- 3) Each insurance company's rating as shown in the latest Best's Key Rating Guide shall be fully disclosed and entered on the required certificate of insurance. The adequacy of the insurance supplied by the Contractor, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the Owner.
- 4) Contractor shall furnish renewal certificates for the required insurance during the period of coverage required by the contract. Contractor will furnish renewal certificates for the same minimum coverages as required in this Contract. The notice for renewal will be submitted to the Contractor 30 days in advance of the expiration date shown on the certificate of insurance. A second request will be mailed if the certificate is not received within 10 days. If, within 20 days from the date of the notice of renewal, the certificate has still not been provided, the Owner may declare the Contractor in default of its obligation under this paragraph.
- 5) Owner, its officers and employees must be expressly covered as insureds with respect to liability arising out of the activities by or on behalf of the named insured in connection with this project.

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- 6) The Contractor's insurance shall be primary as respects Owner, its officers and employees. Any other coverage (insurance or otherwise) available to Owner, its officers, employees and volunteers shall be excess over the insurance required of the Contractor and shall not contribute with it.
- 7) Each insurance policy supplied by the Contractor must be endorsed to provide that the coverage shall not be suspended, voided, canceled or reduced in coverage or in limits except after 30 days' prior written notice by certified mail "return receipt requested" has been given to the Owner. This notice requirement does not waive the insurance requirements contained herein.
- 8) All deductibles and self-insured retentions shall be fully disclosed in the Certificate of Insurance. No deductible or self-insured retention may exceed \$10,000.
- 9) If aggregate limits are imposed on the insurance coverage, then the amount of such limits must not be less than ~~\$2,000,000~~ per occurrence or per accident. All aggregates must be fully disclosed and the amount entered on the required certificate of insurance. Contractor's insurer must notify the Owner of any erosion of the aggregate limits. The "per occurrence" limits of insurance required herein must be maintained in full, irrespective of any erosion of aggregate.
- 10) The Contractor shall obtain and maintain, for the duration of the Contract or longer period if specified herein, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, its agents, representatives, employees or subcontractors of any tier. The cost of such insurance shall be included in Contractor's bid. The Contractor is required to obtain and maintain the following coverages:
 - a) General Liability: General liability coverage shall be on "occurrence" basis only and not "claims made". The coverage must be provided either on an ISO Commercial General Liability form or an ISO Broad Form Comprehensive General Liability form. Any exceptions to coverages must be fully disclosed on the required certificate. If other than these forms are submitted as evidence of compliance, complete copies of such policy forms must be submitted to Owner within 10 days after notice of award. Policies must include, but need not be limited to, coverages for bodily injury, property damage, personal injury, Broad Form property damage, premises and operations, severability of interest, products and completed operations,

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contractual and independent contractors. Contractor shall maintain limits of no less than **\$1,000,000** combined single limit per occurrence for bodily injury (including death), personal injury and property damages.

- b) Auto Liability: Automobile Liability must provide coverage for claims for damage because of bodily injury or death of any person, or property damage arising out of the ownership, maintenance or use of any motor vehicles whether owned, hired or non-owned. Contractor shall maintain limits of no less than **\$1,000,000** combined single limit "per accident" for bodily injury and property damage.
- c) Asbestos Liability: Asbestos liability insurance policy with the minimum limit of \$1,000,000 per occurrence. A separate insurance certificate shall be provided. A sample certificate is attached hereto as Page 3-12. **If prime contractor subcontracts the asbestos removal, then the subcontractors must provide insurance and patent protection pursuant to all clauses within this bid document before the prime contractor will allow the subcontractor on the jobsite. This includes, "but is not limited to," the \$2,000,000 aggregate limit, \$1,000,000 per occurrence, naming the Owner as additional insured and asbestos patent.** The Contractor shall include the costs of Asbestos Liability in the Asbestos Abatement section of the Bid Proposal.
- d) Installation Floater: Contractor shall provide an installation floater insuring property of the Owner including machinery and equipment that the Contractor has agreed to install. The insured amount must equal the full replacement value of such property.
- 11) If the Contractor fails to maintain any of the insurance coverages required herein, then the Owner will have the option to declare the Contractor in breach, or may purchase replacement insurance or pay the premiums that are due on existing policies in order that the required coverages may be maintained. The Contractor is responsible for any expenses paid by the Owner to maintain such insurance and the Owner may collect the same from the Contractor or deduct the amount paid from any sums due the Contractor under the contract.
- 12) The insurance requirements specified herein do not relieve the Contractor of his responsibility or limit the amount of his liability to the Owner or other persons and the Contractor is encouraged to purchase such additional insurance as he deems necessary.

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Clark County Commission Chamber Remodel

- 13) Contractor is responsible for and must remedy all damage or loss to any property, including property of Owner, caused in whole or in part by the Contractor, any subcontractor or anyone employed, directed or supervised by Contractor. The Contractor is responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work.
- 14) The Contractor will pay all premiums and costs of insurance.
- 15) Regardless of the coverage provided by any insurance policy, the Contractor shall indemnify, defend and hold Owner harmless from any and all claims, demands, actions, attorneys' fees, costs, and expenses based upon or arising out of any acts, errors, omissions, fault or negligence of Contractor or its principals, employees, subcontractors or other agents while performing services under this Contract. Contractor shall indemnify, defend and hold harmless the Owner for any attorney's fees or other costs of defense, even if the allegations of the claim are groundless, false or fraudulent.
- 16) During the term of this Contract OWNER shall provide insurance as follows:
 - a) Builder's Risk or Course of Construction Insurance, insuring on an "all risk" basis, with a limit equal to the maximum probable loss and covering the project and all materials and equipment to be incorporated therein, including property in transit or elsewhere and insuring the interests of the Owner, Contractors and their Subcontractors of any tier providing equipment, materials or services for the project. Coverage as follows:

PRODUCER

Kellogg-Cutler & Assoc.
700 South 8th Street
Las Vegas NV 89101-7007
(702) 384-6601 Fax # (702) 384-4043

COMPANY

Fireman's Fund Insurance Co.

INSURED

Clark County, Nevada; its Contractors and Subcontractors of any tier, ATIMA, 301 East Clark, Suite 200, Las Vegas, NV 89101.

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COVERAGES

TYPE OF INSURANCE	COVERAGE/FORMS	ALL LIABILITY LIMITS IN THOUSANDS		
		Amount	Deductible	Coinsur.
Blanket Builder's Risk	Any location	\$15,000,000	\$5,000	
	Any disaster	\$15,000,000	\$5,000	
	Transit	\$ 2,000,000	\$5,000	
	Unnamed	\$ 2,000,000	\$5,000	
	Locations			

Contractor will be responsible for deductible amounts of \$5,000 per each occurrence as shown above.

- b) It is the Contractor's responsibility to familiarize himself with the coverages described in this section.
- c) The Contractor shall immediately report any incident or claim, no later than twenty-four (24) hours after occurrence, against any insurance furnished by the Owner, to the Insurance Adjuster, on a form(s) acceptable to and/or furnished by the Owner. The Contractor shall, at the same time, forward a copy of the executed form(s) to the Owner and the Owner's insurance agent.
- d) The Contractor shall provide any and all documentation relative to loss or damage via delivery receipts, bills of lading, material invoices, acknowledgement forms, etc.
- e) In the event of a claim, the Contractor shall meet with the Owner to determine the quantities of replacement materials and/or equipment. The Contractor shall be responsible for the reordering of all items upon direction of the Owner's authorized representative. Owner's payment for these materials and equipment shall not be made until delivered to the jobsite. The payment(s) are subject to the deductible amount as identified within this section.
- f) The Owner reserves the right to have the Contractor furnish the Contractor's actual insurance policies for examination by the OWNER.

9. **NOTICE TO PROCEED**

See Addendum #1

A. Notice to Proceed for Work:

After receipt of all required post-bid information, the General Services department will authorize the using department to issue a Notice to Proceed. The using department will issue the Notice to Proceed within forty-five (45) calendar days after authorization by the General Services Department.

- 3. Item 10, Time: Completion of Project, delete entire section and replace with:

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bidder to order materials. The using department will issue the Notice to Proceed - materials within forty-five (45) calendar days after authorization by the General Services Department. When all materials are received the successful bidder shall notify the County and a second notice to proceed shall be issued for the installation. The using department will issue the Notice to Proceed - installation within 10 calendar days after notification from successful bidder that all material is received.

10. **TIME: COMPLETION OF PROJECT**

Add#1 A. The successful bidder, upon becoming the Contractor after having entered into a contract with the Owner, shall commence the work to be performed under the Contract on the date set by the Owner in the written Notice to Proceed, continuing the work in accordance with the approved schedule and shall complete the entire work within 90 calendar days after the date of receipt of the Notice to Proceed. Further, separable portions of the work may be subject to milestone or specific dates as established and described on an attachment to the Bid Form. The successful Bidder shall complete all work or separable portions of work in accordance with these specifications.

B. In addition, where applicable, reference to Time shall be in accordance with Section 108, "Prosecution and Progress" of the Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area, Nevada, 1986 Edition, and revisions thereto.

COMMISSIONERS

Jay Bingham, Chairman • Karen Hayes, Vice-Chairman
Paul J. Christensen, Thalia M. Dondero, William U. Pearson, Don Schlesinger, Bruce L. Woodbury
Donald L. "Pat" Shalmy, County Manager

Clark County Area, Nevada, 1986 Edition, and revisions thereto.

11. **MISCELLANEOUS**

A. Contractor's Performance of Work

The successful contractor shall perform all work as may be necessary to complete the contract in a satisfactory and acceptable manner, and unless otherwise provided, shall furnish all transportation, materials, equipment, tools, labor or incidentals necessary to complete the work in the best possible and most expeditious manner.

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B. Liquidated Damages

In case of failure on the part of the Contractor to complete the work within the time(s) specified in the Contract, or with such additional time(s) as may be granted by formal action of the Board of County Commissioners or fails to prosecute the work, or any separable part thereof, with such diligence as will insure its completion within the time(s) specified in the contract or any extensions thereof, the Contractor shall pay to the Owner, as liquidated damages, the sum of ~~\$500 for each calendar day~~ of delay until such reasonable time as may be required for final completion of the work, together with any increased costs incurred by the Owner in completing the work.

C. Preferential Employment

All contractors shall comply with the preferential employment provisions of NRS 338.130 for contracts over \$20,000. This law requires that, when the qualifications of applicants are equal, that preference be given: First, to honorably discharged soldiers, sailors, and marines of the United States who are citizens of the State of Nevada; second, to other citizens of the State of Nevada. If the provisions of NRS 338.130 are not complied with by the Contractor, this contract shall be void, and any failure or refusal to comply with any of the provisions of NRS 338.130 shall render this contract void.

GENERAL CONDITIONS
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GC.1 **PERMITS AND FEES**

The Contractor will be responsible for all permits and fees for execution of contract.

GC.2 **AIR POLLUTION**

A. Contractor shall so perform its work as not to discharge into the atmosphere from any source whatever smoke, dust, or other air contaminants in violation of the laws, rules and regulations of all federal, state and local air and water pollution requirements including, but not limited to:

- 1) Nevada Revised Statute 445: Air Quality Regulation
- 2) registering with the Clark County Health Department, Air Pollution Board, any equipment requiring operating permits by said Board;
- 3) adhering to all Clark County Air Pollution Board Regulations.

GC.3 **FIRE PREVENTION**

- A. Contractor shall conform to all Federal, State and local laws and regulations pertaining to burning, fire prevention and control within or adjacent to the project. Necessary precautions to avoid and eliminate fire hazards shall be the responsibility of the Contractor.
- B. All tarpaulins used for any purpose during construction of any work shall be made of material resistant to fire, water and weather and shall bear UL labels. Lighting of any fires on premises is strictly forbidden.
- C. Contractor shall provide portable fire extinguishers compatible with the hazard of each work area and shall instruct its personnel in their location and use. Wherever welding and burning are conducted, inflammable materials shall be protected and a fire watch shall be provided by Contractor to be present during the burning and welding operation to ensure that protective measures are taken and no fires result from such operation. The fire watch shall have fire extinguisher equipment readily available and know-how for proper use.

GC.4

ARBITRATION

- A. All claims, disputes, or other questions that may arise between the Owner and Contractor concerning any provisions of this Contract which cannot otherwise be settled and which have not been waived by the making and acceptance of final payment or any progress payment may be submitted to and be determined and settled by arbitration in the manner set forth in this paragraph. The decision to arbitrate or litigate shall be at the sole discretion of the Owner. The Owner, by written notice to the Contractor, received before litigation is commenced, may demand arbitration and may appoint any arbitrator. The notice to arbitrate shall be null and void if received beyond the time allowed by statute for the filing of a lawsuit presenting the same claims as those presented in the notice to arbitrate. Within five (5) days after receipt of such notice, the Contractor shall, by written notice to the Owner, appoint another arbitrator, and, in default of said second appointment, the arbitrator first appointed shall be sole arbitrator and shall proceed in the same manner as hereinafter provided for three arbitrators. When two arbitrators have been appointed have been appointed as aforesaid, they shall, if possible, agree upon a third arbitrator and shall appoint by notice in writing, signed by both of them given to the Owner and the Contractor. If fifteen (15) days shall elapse after the appointment of the second arbitrator without notice of appointment of the third arbitrator being given, as aforesaid, then either party may, in writing, require that the American Arbitration Association appoint the third arbitrator. Upon appointment of the third arbitrator, the three arbitrators shall meet without delay and shall proceed to a determination of the dispute in accordance with the construction industry rules of the American Arbitration Association. If the award sustains the position of the Owner, the fees and expenses of the arbitration proceedings shall be assessed against and be paid for by the Contractor. If the award sustains the position of the Contractor or if the award does not sustain the position of either party, the fees and expenses of the arbitration proceedings shall be assessed equally against both parties and shall be paid one-half by the Owner and one-half by the Contractor.
- B. The Contractor shall carry on the work and maintain progress during any arbitration, court proceedings or any other disputes excluding those contained in this Section unless otherwise mutually agreed upon in writing. Arbitration conducted in accordance with this provision shall take place in Clark County, Nevada.

GC.5

WARRANTY

- A. Unless otherwise provided elsewhere in the Contract, all materials and equipment incorporated into any work covered by the contract shall be new and, where not specified, of the most suitable grade of their respective kinds for their intended use, and all workmanship shall be in accordance with construction practices acceptable to Owner. Unless otherwise provided in the contract, Contractor warrants all equipment, materials, and labor furnished or performed under this contract against defects in design, materials and workmanship (unless furnished by Owner), for a period of **twelve months** (unless longer guarantees or warranties are provided for elsewhere in the contract in which case the longer guarantees or warranties are provided for in the contract in which case the longer periods of time shall prevail) from and after final acceptance under the contract, regardless of whether the same were furnished or performed by contractor or by any of its subcontractors of any tier. Upon receipt of written notice from Owner of any defect in any such equipment, materials, or labor during the applicable warranty period, due to defective design, materials or workmanship, the affected item or parts thereof shall be redesigned, repaired or replaced by Contractor at a time acceptable to Owner.
- B. Contractor shall perform such tests as Owner may require to verify that such redesign, repairs and replacements comply with the requirements of this Contract. All costs incidental to such redesign, repair, replacement and testing, including the removal, necessary to gain access, shall be borne by Contractor.
- C. Contractor warrants such redesigned, repaired or replaced work against defective design, materials and workmanship for a period of **twelve months** from and after date of acceptance thereof. Should Contractor fail to promptly make the necessary redesign, repair replacement and tests, Owner may perform or cause to be performed the same at Contractor's expense. Contractor and its surety or sureties shall be liable for the satisfaction and full performance of the warranties as set forth herein.

GC.6

INDEMNITY

Contractor hereby indemnifies and shall defend and hold harmless Owner, its representatives and their employees (or their authorized representatives) from and against any and all suits, actions, legal or administrative proceedings, claims, demands, damages, liabilities, interest, attorney's fees, costs and expenses whatsoever of any kind or nature whether arising before or after completion of the work hereunder and in any manner directly or indirectly caused, occasioned or

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contributed to in whole or in part, by reason of any act, omission, fault or negligence whether active or passive of Contractor, of anyone acting under its direction or control, or on its behalf in connection with or incident to the performance of this Contract. Contractor's aforesaid indemnity and hold harmless obligations, or portions or applications thereof, shall apply to the fullest extent permitted by law, but in no event shall they apply to liability caused by the sole negligence or willful misconduct of the party indemnified or held harmless.

GC.7 **PATENT INDEMNITY**

- A. Contractor hereby indemnifies and shall defend and hold harmless Owner and its representatives respectively from and against all claims, losses, costs, damages, and expenses, including attorney's fees, incurred by Owner and its representatives, respectively, as a result of or in connection with any claims or actions based upon infringement or alleged infringement of any patent and arising out of the use of the equipment or materials furnished under the contract by Contractor, or out of the processes or actions employed by, or on behalf of Contractor in connection with the performance of the contract. Contractor shall, at its sole expense, promptly defend against any such claim or action unless directed otherwise by Owner or its representatives; provided that Owner or its representatives shall have notified Contractor upon becoming aware of such claims or actions, and provided further that Contractor's aforementioned obligations shall not apply to equipment, materials, or processes furnished or specified by Owner or its representatives.
- B. Contractor shall have the right, in order to avoid such claims or actions, to substitute at its expense noninfringing equipment, materials, or processes, or to modify such infringing equipment, materials and processes so they become noninfringing, or obtain the necessary licenses to use the infringing equipment, material or processes, provided that such substituted and modified equipment, materials and processes shall meet all the requirements and be subject to all the provisions of this contract.

GC.8 **DELIVERY, UNLOADING AND STORAGE**

Contractor shall receive, unload, store in a secure place, and deliver from storage to the construction site all materials and plant equipment required for the performance of the Contract. The storage facilities and methods of storing shall meet Owner's approval. Materials and equipment subject to degradation by exposure shall be stored in a suitable enclosure provided by Contractor.

GC.9 **SUBSTITUTIONS**

A. Policy:

- 1) Prior to proposing any substitute material, product, thing or service, Contractor shall satisfy itself that the material, product, thing or service proposed is, in fact, equal to that specified, that such material, product or thing will fit into the space allocated, that such material, product or thing affords comparable ease of operation, maintenance and service, that the appearance, longevity and and that by reason of cost savings, reduced construction time, or similar demonstrable benefit, the substitution of such material, product, thing or service will be in Owner's interest.
- 2) The burden of proof of equality of a proposed substitution for a specified material, product, thing or service shall be upon Contractor. Contractor shall support its request with sufficient test data and other means to permit Owner to make a fair and equitable decision on the merits of the proposal. Contractor shall submit drawings, samples, data and certificates for proposed substitute materials. Any material, product, thing or service by a manufacturer other than those specified or of brand name or model number or of generic species other than those specified will be considered a substitution. Owner will be the sole judge of whether or not the substitution is equal in quality, utility and economy to that specified.
- 3) Approval of a substitution shall not relieve the Contractor from responsibility for compliance with all requirements of the Contract. Contractor shall bear the expense for any changes in other parts of the work caused by any substitutions.
- 4) Substitute materials or service proposed as substitutions for specified items shall be supported by certification of their approval for use by any or all governmental agencies having jurisdiction over use of the specific material or method.
- 5) Substitutions will not be permitted in those instances where the product is intended to accommodate artistic design, specific function or economy of maintenance.

GC.9B

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B. Procedure:

Should the Contractor wish to use any material, product, thing or service other than those specified by brand or trade name, he shall, within 10 days after award of the contract, submit to the Architect or Engineer, a written request for substitution accompanied by all data necessary for the Architect or Engineer to determine whether the requested substitution is equal to the specified material, product, thing or service. If the Contractor fails to submit written requests or data, no substitutions will be allowed. The submission of a request to substitute a material, product, thing or service incurs no obligation on the part of the Owner to accept such substitute or on the part of the Architect or Engineer to construe such substitute to be the equal of that specified. The Architect or Engineer will have a reasonable amount of time to review requests for substitution and make a recommendation to the Owner. Should the substitute be acceptable to the Owner, an authorization will be written allowing the provision of the substitute material, product, thing or service. No substitution will be allowed which will increase the contract sum.

GC.10 **LABOR**

- A. The Contractor and subcontractors shall be bound by and comply with all federal, state and local laws with regard to minimum wages, overtime work, hiring and discrimination, including Chapter 338 of the Nevada Revised Statutes, which is entitled, "Employment and Bids on Public Works." The Contractor shall ensure that all employees on the work are paid in accordance with the CURRENT PREVAILING WAGE RATES AS APPROVED BY THE STATE LABOR COMMISSION FOR SOUTHERN NEVADA, whenever the actual value of the contract totals \$100,000 or more. Please note that if a Change Order causes a contract to exceed the \$100,000 the State Labor Commission will audit the entire contract period. All work necessary to be performed after regular working hours, on Sundays or Legal Holidays, shall be performed without additional expense to the Owner.

A copy of the rates are attached hereto and included herein.

- B. The Contractor hereby agrees to forfeit as a penalty to the Owner, \$5 for each workman employed, for each calendar day or portion thereof, that such workman is paid less than the designated rate for any works done under the contract, by his or any subcontractor under him, pursuant to NRS 338.060.
- C. The Contractor shall comply with the Copeland Anti-Kick Back Act (19 U.S.C. 874) as supplemented in the Department of Labor Regulations

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(29 CFR Part 3). This act provides that each Contractor or Subcontractor shall be prohibited from inducing by any means, any person employed in the construction, completion or repair of public work, to give up any part of the compensation to which he is otherwise entitled.

GC.11 **RELEASE OF RETENTION**

- A. From the dollar amount of work in place, ten percent (10%) retention will be deducted from each monthly progress payment.
- B. Upon completion of fifty percent (50%) of the work in place and, if in the opinion of the Project Engineer, the work is progressing satisfactorily, retention monies will be suspended at ten percent. The aforementioned retention amount will be released following the governing body's approval of the Notice of Completion, provided that the following conditions are met:
- 1) All punch list items have been completed.
 - 2) A Certificate of Occupancy has been received (if applicable).
 - 3) Final record drawings and specifications have been submitted (if applicable).
 - 4) No premium delinquency exists with the Nevada State Industrial Insurance System as evidenced by receipt of a final certificate after audit.
 - 5) All required documentation has been submitted to the Nevada State Labor Commissioner and approved as evidenced by a letter of release (if applicable).
 - 6) Owner may at its discretion, withhold only the estimated portion of the retention monies needed to finish any of the five uncompleted conditions. The difference of the retention may then be paid.

GC.12 **PROGRESS PAYMENTS**

If Contractor requests payment on the basis of materials and equipment delivered, but not incorporated in the work, payment will be made providing the following conditions are met:

- 1) The request for payment must be made in writing.
- 2) The request must be accompanied by actual suppliers invoices of the items and proof of receipt of items.

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- Void
See Adden
#1
- 3) Evidence must be provided that the materials and equipment are covered by appropriate property insurance.
 - 4) Twenty percent (20%) of total costs of materials and equipment will be deducted from any payments made to the Contractor for labeled materials and equipment.
 - 5) Requests for payment shall not be submitted until all material and equipment for the contract is received.
 - 6) Only one request for payment on material and equipment shall be allowed during this contract.
 - 7) The request for payment must also be accompanied by a written statement signed by the Contractor that they **ARE NOT** passing title of the material and equipment to the County, but instead are retaining title until the notice of completion is processed.

Title and warranties to all materials and equipment covered by any application for payment, whether incorporated in the project or not, will pass to County upon final acceptance and payment of project.

GC.13 **INDEPENDENT CONTRACTOR**

Contractor represents that it is fully experienced and properly qualified to perform the class of work provided for herein, and that it is properly licensed, equipped, organized and financed to perform such work. Contractor shall act as an independent contractor and not as the agent of Owner in performing the Contract. The Contractor shall maintain complete control over its employees and all of its subcontractors. Nothing contained in this Contract or any subcontract awarded by Contractor shall create any contractual relationship between any such subcontractor and Owner. Contractor shall perform all work in accordance with its own methods subject to compliance with the Contract.

GC.14 **UTILITIES**

The Contractor shall, at its expense, arrange for, develop and maintain all utilities in work areas to meet the requirements of the Contract. Such utilities shall be furnished by Contractor at no additional cost to the Owner, unless otherwise specified in this bid document.

GC.15 **DISPUTES**

Any dispute relating to this Contract after award shall be resolved through good faith efforts upon the part of Contractor and Owner. At all times, Contractor shall carry on the work and maintain his progress schedule in accordance with the requirements of the Contract and the

determination of the Owner, pending resolution of any dispute. If the dispute is not resolved in 90 days, either party may request arbitration in accordance with the General Condition Number GC.5 entitled, "ARBITRATION".

GC.16 **RESPONSIBILITY FOR WORK SECURITY**

- A. Contractor shall at all times conduct all operations under the Contract in a manner to avoid the risk of loss, theft, or damage by vandalism, sabotage or other means to any property. Contractor shall promptly take all reasonable precautions which are necessary and adequate against any conditions which involve a risk of loss, theft or damage to its property, the Owner's property, and the work site. Contractor shall continuously inspect all its work, materials, and equipment facilities to discover and determine any such conditions and shall be solely responsible for discovery, determination and correction of any such conditions.
- B. Contractor shall comply with all applicable laws and regulations. Contractor shall cooperate with Owner on all security matters and shall promptly comply with any project security requirements established by Owner. Such compliance with these security requirements shall not relieve Contractor of its responsibility for maintaining proper security for the above-noted items, nor shall it be construed as limiting in any manner Contractor's obligation to undertake reasonable action as required to establish and maintain secure conditions at the site.
- C. Contractor shall prepare and maintain accurate reports of incidents of loss, theft or vandalism and shall furnish these reports to Owner in a timely manner.
- D. Unless otherwise specifically provided in the Contract, Contractor shall not do any work that would disrupt or otherwise interfere with the operation of any pipeline, telephone, electric transmission line, ditch or other structure, nor enter upon lands in their natural state until approved by Owner. Thereafter, and before it begins such work, Contractor shall give due notice to Owner of its intention to start such work. Contractor shall not be entitled to any extension of time, or any extra compensation on account of any postponement, interference or delay caused by any such line, ditch or structure on or adjacent to the site of work.
- E. Contractor shall preserve and protect all cultivated and planted areas, and vegetation such as trees, plants, shrubs and grass on or adjacent to the premises, which, as determined by Owner, do not unreasonably interfere with the performance of its work through

operation of equipment or stockpiling of materials. All costs in connection with any repairs or restoration necessary or required by reason of any such damage shall be borne by Contractor.

GC.17 RECORD DRAWINGS AND SPECIFICATIONS

A. Drawings:

- 1) Progress Records: During construction, Contractor shall keep a marked-up, up-to-date set of drawings showing as built conditions on the site as an accurate record of all deviations between work as shown and work as installed.
- 2) Final Records: When specified or required upon completion of work, Contractor shall furnish to Owner a complete set of marked-up as-builts with RECORD clearly printed on each sheet. Owner, at its expense, will furnish Contractor with drawings for mark-up by Contractor. Contractor shall accurately and neatly transfer all deviations from progress as-builts to final as-builts. As-built drawings shall be provided where specified and as required to reflect as-built condition.

GC.18 USE OF COMPLETED PORTIONS OF WORK

A. General Building Contracts:

- 1) Whenever, as determined by Owner, any portion of work performed by Contractor is in a condition suitable for use, Owner may initiate a certificate of substantial completion for that portion and take possession of or use such portion.
- 2) Such use by Owner shall in no case be construed as constituting final acceptance, and shall neither relieve Contractor of any of its responsibilities under the Contract, nor act as a waiver by Owner of any of the conditions thereof, provided, that Contractor shall not be liable for the cost of repairs, rework or renewals which may be required due to ordinary wear and tear resulting from such use. However, if such use increases the cost or delays the completion of remaining portions of work, Contractor shall be entitled to an equitable adjustment.
- 3) If, as a result of Contractor's failure to comply with the provisions of the Contract, such use proves to be unsatisfactory to Owner, Owner shall have the right to continue such use until such portion of work can, without injury to Owner, be taken out of service for correction of defects, errors, omissions, or replacement of unsatisfactory materials

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or equipment, as necessary for such work to comply with the contract; provided that the period of such operation or use pending completion of appropriate remedial action shall not exceed twelve months unless otherwise mutually agreed upon in writing between the parties.

- 4) Contractor shall not use any permanently installed equipment unless such use is approved by Owner in writing. Where Contractor's written request is granted for the use of certain equipment, Contractor shall properly use and maintain, and upon completion of its use, and at its expense, recondition such equipment to the satisfaction of Owner.
- 5) If Owner furnishes an operator for such equipment, such operator's services shall be performed under the complete direction and control of Contractor and shall be considered Contractor's employee for all purposes other than the payment of such operator's wages, workers' compensation or other benefits paid directly or indirectly by Owner.

GC.19 **CLEANING UP**

- A. Contractor shall, at all times, keep the work area in a neat, clean, and safe condition. Upon completion of any portion of the work, Contractor shall promptly remove all of its equipment, construction plant, temporary structures and surplus materials not to be used at or near the same location during later stages of work. Upon completion of the work and before final payment is made, Contractor shall, at its expense, satisfactorily dispose of all plant, buildings, rubbish, unused materials, and other equipment and materials belonging to it or used in the performance of the work, and Contractor shall leave the premises and work site in a neat, clean and safe condition. In the event of Contractor's failure to comply with the foregoing, the same may be accomplished by Owner at the Contractor's expense.
- B. In the case of Public Works Off-Site Construction Reference to use of completed portions of the work, shall conform to Section 107 of the Uniform Standard Specifications for Public Works Construction, Off-Site Improvements, Clark County Area, Nevada, 1986 Edition, and revisions thereto.

GC.20 **FINAL INSPECTION AND ACCEPTANCE**

- A. When Contractor considers that all work under the Contract is complete, Contractor shall so inform Owner in writing. When the results of inspection and testing satisfy Owner that all work under

the Contract is completed and in accordance with the requirements of this contract, Owner shall initiate the Notice of Completion process.

- B. The date of final acceptance of the project by the Owner shall be the date upon which the Governing Body accepts and approves the Notice of Completion.
- C. All warranties, guarantees and other applicable requirements designated in the Contract documents shall commence on the date of final acceptance of the project by the Owner as defined herein except that Owner, upon written request, may approve earlier commencement dates for systems, equipment, or other specific items of work.

GC.21

MINORITY AND WOMEN OWNED BUSINESS UTILIZATION

- A. At the Board of County Commissioners meeting on October 4, 1983, the Board adopted a Resolution to promote and encourage a greater degree of participation of minority and women-owned businesses in the Clark County procurement process for construction projects, commodities and services. The Board of County Commissioners wishes to ensure that those businesses owned and operated by minorities are afforded the opportunity to fully participate in the overall procurement process of Clark County.
- B. Therefore, we expect all general contractors to solicit minority and women-owned business firms as subcontractors and material suppliers. All general contractors shall make a good faith effort to work with the Clark County Purchasing Department to fulfill our joint commitment to these business enterprises. Only through this combined effort, can we create a business climate favorable to all the citizens of Clark County. Thank you for your cooperation and if there are any questions, please contact Wayne Wedlow, Minority Business Recruiter, at (702) 455-4425.
- C. Names of MBE/WBE Subcontractors, if any, shall be listed on the "Designation of Subcontractors and Minority, Disadvantaged Business Enterprises" (Bid Attachment No. 2) form in the spaces provided, that the subcontractor will be accomplishing.

GC.22

PREFERENCE FOR CERTAIN BIDDERS

Bidders submitting a proposal to a public body for a public work shall bear the responsibility to ascertain the relevancy of the "preference for certain contractors and other matters relating thereto" that became effective October 1, 1989, by Nevada Revised Statute 338.147, and as

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amended by Chapter 713 of the 1991 Nevada Legislative Session, as it relates to a Nevada public body awarding a contract for a public work.

GC.23 **GOVERNING ORDER OF BIDDING AND CONTRACT DOCUMENTS**

- A. The bidding and contract documents include various divisions, sections and conditions which are essential parts for the work to be provided by the successful Bidder. A requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete work. In case of discrepancy, the following precedence will govern:

Contract
General Provisions
Instructions to Bidders
General Conditions
Special Conditions
Special Provisions
Drawings

- B. Addenda, Change Orders and Supplemental Agreements will take precedence over any of the above. Detailed drawings shall have precedence over general drawings.
- C. Bidders shall take no advantage of any apparent error or omission in the bidding documents. In the event the Bidders discover such an error or omission, they shall immediately notify the Owner. The Owner will then make such corrections and interpretations as may be deemed necessary for fulfilling the intent of the bidding documents.

GC.24 **CHANGE ORDERS**

The successful bidder shall comply with all provisions and requirements of the Prevailing Wage Rates provided by the State of Nevada Labor Commissioner for change order(s) for contracts awarded in excesses of \$100,000.

Should a contract originally awarded for less than \$100,000 be increased over that amount through the issuance of change order(s), the contractor shall then comply with all provisions and requirements of the Prevailing Wage Rates and represents that change order(s) will include labor and all related costs prior to presentation to the Owner for consideration. Work which is specifically requested by the Owner or his representative, and that is in addition to work required by the Contract Documents, will be charged against a formal change order which must be approved in advance by the Board of County Commissioners, with the following conditions:

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- A. The Contractor will submit proposals and/or billings for materials and/or labor for all additional Work requested on the following basis and in all cases, the Contractor shall conform to the following requirements, and costs shall be limited to those set forth below:
1. The costs of products or materials to the Contractor or Subcontractor, less any applicable trade discounts.
 - a) Where the General Contractor supplies products or materials to the Owner directly, the General Contractor will be allowed to add a maximum of ten percent (10%) overhead and profit in his billing to the Owner.
 - b) Where the Subcontractor supplies products or materials to the Owner, through the General Contractor, the General Contractor will be allowed to add a maximum of ten percent (10%) overhead and profit for the Subcontractor, and above that, five percent (5%) overhead and profit for himself in his billing to the Owner.
 - c) The Owner reserves the right to request copies of any or all invoices, including those from the originating suppliers, subcontractor or manufacturer.
 2. The Owner reserves the right to request copies of any or all invoices.
 3. Applicable taxes.
 - a) No overhead and profit will be allowed.
 4. Labor.
 - a) Where the General Contractor supplies labor to the Owner directly, the General Contractor will be allowed to add a maximum of fifteen percent (15%) overhead and profit in his billing to the Owner.
 - (1) Labor costs shall be based on current (at time of advertising) prevailing wage rates as approved by the State Labor Commissioner for southern Nevada applicable trade or labor involved.
 - b) Where the Subcontractor supplies labor to the Owner, through the General Contractor, the General Contractor

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will be allowed to add a maximum of fifteen percent (15%) overhead and profit for the Subcontractor; and above that, a maximum of ten percent (10%) overhead and profit in his billing to the Owner.

- (1) Labor costs shall be based on current (at time of advertising) prevailing wage rates as approved by the State Labor Commissioner for southern Nevada applicable trade or labor involved.
- c. The Owner reserves the right to request copies of any or all invoices, or time sheets relevant to labor charged.

SPECIAL CONDITIONS
BID NO. 2796-92
CLARK COUNTY COMMISSION CHAMBER REMODEL

1. **WORK COVERED BY CONTRACT DOCUMENTS/REQUIREMENTS INCLUDED**

- A. The work includes the furnishing of all labor, tools, material, equipment and incidentals for the successful completion of the work.
- B. Contractor shall not disrupt the normal functions of the Owner's facilities or any building functions not specifically involved in the work defined herein.

2. **CONDITIONS OF WORK**

- A. The Contractor shall carefully study all Specifications pertaining to the work. If any of the work as shown, indicated, or otherwise specified is contrary to or conflicts with any local, city, state or national ordinance or regulation, the same shall be reported to the Owner before submitting his bid. The Owner will then issue instructions as to procedure.
- B. The Contractor shall carefully examine each worksite and the existing conditions. By the act of submitting a bid, the Contractor shall be deemed to have made such examination and to have accepted such conditions, and to have made allowances, therefore, in preparing his figure to guarantee a complete project in accordance with these specifications.
- C. The Contractor shall be licensed to perform the work outlined; to be familiar with all local, state and federal laws and codes having jurisdiction; and, to have reviewed the specifications and verified that all requirements contained thereon are in compliance with those codes having jurisdiction. By the act of submitting a bid, the Contractor shall be deemed to have accepted such conditions and responsibility, and to have made allowances, therefore, in preparing his figure so that there will be no additional costs to the Owner requested for any additional requirements made by those agencies having jurisdiction.

3. **MAINTAINING OCCUPANCY**

The Contractor shall insure that the Owner will be able to maintain normal business operation throughout this contract without disruption.

4. **SCHEDULING OF WORK**

Keep in Add
~~The successful bidder must coordinate the work schedule with the Owner's representative, David Laman, telephone number (702) 376-0340, prior to and throughout the project term.~~

See Addendum #1

5-1

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SPECIAL CONDITIONS

5. Item 4, Scheduling of Work, add the following:

4. SCHEDULING OF WORK

B. There will be no preliminary installation work on this project. All installation on Owners premises will take place after receipt of all materials and equipment.

5. Add Item 29, Site Visitation.

29. SITE VISITATION

Bidders are encouraged to visit the site prior to submittal of bid proposal. Site visitation is scheduled for the following days:

Thursday, May 7, 1992 from 1:30 - 2:00 PM

Monday, May 11, 1992 from 9:00 - 9:30 AM

Friday, May 15, 1992 from 1:30 - 2:00 PM

Monday, May 18, 1992 from 1:30 - 2:00 PM

Bidders are to contact David Laman, Project Manager, telephone number (702) 376-0340, at least twenty-four (24) hours in advance to schedule site visitation for one of the above days and times listed.

NOTE: A second addendum will be issued during the week of May 4, 1992 revising the Technical Specifications for this project. The bid opening date of May 22, 1992 will remain the same.

Issued by:



TAMMY M. DYE
Senior Buyer

MD/bc

5. WORK SEQUENCE

Contractor shall be responsible for organization of the work sequences to accommodate the Owner's use of the premises.

6. STATE OF NEVADA LEGAL HOLIDAYS

The Contractor is advised that there are eleven (11) legal holidays: Martin Luther King's Birthday, George Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Nevada Admission Day, Veteran's Day, Thanksgiving Day and Friday After, Christmas and New Year's Day.

7. VENDOR ON/OFF PREMISES NOTIFICATIONS

Contractor's technicians must notify Owner's representative upon arriving at the OWNER's premise and upon completion and preparing to leave Owner's premises.

8. EMPLOYEES OF CONTRACTOR TO BE SATISFACTORY

Contractor agrees that all work shall be performed by skilled workers directly employed and supervised by Contractor. Any and all employees performing work under this contract shall be satisfactory to Owner. Contractor's employees may be required to wear distinctive identification (uniform or photo badge) of a type approved by the Owner.

9. FURNISHING SUPERVISION OF EMPLOYEES

The Contractor shall furnish the supervision required to insure the necessary management of his personnel, and the functions involved in the specifications.

10. REMOVAL OF EMPLOYEE

Owner reserves the right to request removal of any employee upon submitting either a verbal or written request to Contractor, should such action be considered to be in the best interests of the Owner.

11. OWNER'S TRADE CREWS

The successful bidder must allow Clark County's own trade crew staff and/or other contractors to operate in adjacent areas where actual work is not being performed. Clark County's trade crew members may not be members of trade unions of those performing work pursuant to this Contract, as County employees are represented by the Clark County Public Employees Association, Inc./Service Employees International Union Local 1107.

12. NO SMOKING RULES

Areas of the Owner's facility are designated "NO SMOKING." Contractor's employees shall observe this rule and smoke only in authorized areas.

13. **CONTRACTOR ACCESS/EGRESS**

Contractor's access to the work area will be permitted only through approaches which will be designated by the Owner, and then, only in such manner that Contractor's traffic will minimize interference with Owner's operations. Contractor's personnel are not to enter into any areas of the jobsite other than work areas and areas of designated access.

14. **PROTECTION OF WORK IN PROGRESS, MATERIALS AND EQUIPMENT**

Contractor shall be responsible for and shall bear any and all risk of loss or damage to work in progress, all materials delivered to the site, and all materials and equipment involved in the work until completion and final acceptance of work under this Contract. Excluded from Contractor's responsibility is any loss or damage which results from the sole active negligence of the Owner or its representatives.

15. **OWNER'S RIGHT TO INSPECT AND REQUIRE WORK**

Owner and/or his representative reserves the right to make such inspections and tests whenever necessary to ascertain that the requirements of this agreement are being fulfilled. Deficiencies noted shall be promptly corrected at Contractor's expense.

16. **CORRECTION AND/OR REMEDY OF CONDITIONS**

Contractor must immediately correct and/or remedy all conditions reported by City, State, Federal Inspectors and must provide the Owner with a written report of action taken within 48 hours of completing the work.

17. **TESTING**

The Contractor shall provide the Owner's representative a minimum of 24-hours advance notification of any testing schedules. No extensions of time will be granted due to tests, failures of tests or delays in scheduling or coordinating tests.

18. **INDEPENDENT TESTING**

Owner reserves the right to perform independent testing to validate the Contractor's results. Should the test results fail, the Contractor shall be notified immediately to remedy the condition(s), and the cost for the testing may be deducted from monies owed to the Contractor.

19. **OPERATIONAL SYSTEMS**

The bidder shall furnish a completely operational system whether or not all items necessary to make the system operational are specified or listed in the accompanying schedule.

20. **NEW EQUIPMENT**

The bidder shall guarantee that the units submitted for their bid shall be new, and of the latest and most improved model of current production, and shall be of first quality as to workmanship and materials used in said units. All modifications shall be made at the factory. Demonstrators shall not be acceptable.

21. **NEW EQUIPMENT DEFINED**

New equipment is defined as equipment that is made up completely of unused genuine original parts. Equipment shall not have been operated for any purpose other than routine operational testing. Demonstrator equipment does not meet this definition.

22. **SUBCONTRACTOR DOCUMENTS**

The Owner reserves the right to request copies of any or all contracts that the successful bidder may have with his subcontractor(s).

23. **DESCRIPTIVE LITERATURE**

Bidders should submit with their bids the latest printed specifications and advertising literature on the equipment offered in their Bid Proposal.

24. **DELIVERY REQUIREMENTS AND FORCE MAJEURE**

Bidder shall be excused from performance hereunder during the time and to the extent that he is prevented from obtaining, delivering or performing in the customary manner, by acts of God, fire, war, strike, loss or shortage of transportation facilities, lockout or commandeering of raw materials, products, plans or facilities by the government. Bidder shall provide Owner satisfactory evidence that nonperformance is due to other than fault or negligence on his part.

25. **CONDUCT DURING WORKING HOURS**

The successful bidder agrees that any and all employees performing work under this contract will adhere to the following:

- A. No food or drink allowed in the Commission Chamber during installation.
- B. No radio's, tape players or any other type of devices that may be disturbing to County personnel.
- C. Standard dress attire is required, no shorts, shirtless or tank tops to be worn when installation is taking place.

26. **ENVIRONMENTAL HEALTH SURVEY**

The County has had worksite inspected for asbestos. A copy of an Environmental Health Survey Report is on file at Clark County Purchasing Department, 225 Bridger Avenue, Tenth Floor, Las Vegas, Nevada 89155.

27. **WEEKEND OR AFTER HOURS WORK**

Weekend or afterhours work may be scheduled at the bidders option at no additional cost to the owner. This must be coordinated with the project manager with at least 24 hours notice.

28. **ACCEPTANCE OF COMPUTER HARDWARE/SOFTWARE**

Acceptance of Computer hardware/software will not be made until the computer has been operational for 30 calendar days with no down time. If system goes down during the 30 day period prior to acceptance, a new 30 day period will start up upon repair of system. No Warranties on the computer shall be started prior to final acceptance of system.

CLARK COUNTY, NEVADA

BID PROPOSAL
BID NO. 2796-92
CLARK COUNTY COMMISSION CHAMBER REMODEL

(NAME)

(ADDRESS)

THE UNDERSIGNED PROPOSES AND AGREES:

1. To complete all work for which a contract may be awarded to him and to furnish any and all labor, equipment, materials, transportation, and other facilities required for the services as set forth in the Proposal and Contract Documents.
2. That he has examined the Contract Documents and the site(s) for the proposed work and satisfied himself as to the character, quality of work to be performed, materials to be furnished and as to the requirements of the specifications.
3. That Bid Bond in the amount of Five Percent (5%) of the bid amount is enclosed in a form as specified by the Owner.
4. If awarded the contract, he will provide the following submittals within 15 calendar days from receipt of the Notice of Award:
 - a. Performance Bond, Labor and Material Payment Bond and a Guaranty Bond, for one hundred percent (100%) of the contract price as required.
 - b. Certificates of insurance for General Liability in the amount of \$1,000,000, Automobile Liability in the amount of \$1,000,000, an Installation Floater, Asbestos Liability in the amount of \$1,000,000 and a SIIS certificate as required by law.
 - c. Bid Attachment 2 - Designation of Subcontractors (including minority, disadvantaged business enterprise information)
 - d. Bid Attachment 3 - Equipment/Material Source Information
5. That if he does not provide the submittals on or before the 15th calendar day, he will pay over to the Owner the amount of \$100 per day as liquidated damages.
6. That if he does not keep the bonds or insurance policies in effect or allows them to lapse, he will pay over to the Owner the amount of \$500 per day as liquidated damages.

Bid Proposal
Clark County Commission Chamber Remodel

7. That this Proposal is genuine and is not sham or collusive, or made in the interest of, or on behalf of any person not herein named, nor he in any manner sought to secure for himself an advantage over any other bidder.
8. He further proposes and agrees that if his bid is accepted he will commence to perform the work called for by the plans and Contract Documents within 10 calendar days after Notice to Proceed is issued and will complete all work within 90 calendar days.
9. He further proposes and agrees that he will accept as full compensation for the work to be performed the price written in the Bid Schedule below.
10. That he has carefully checked the figures below and that Owner will not be responsible for any error or omissions in the preparation of this Bid.
11. That no verbal agreement or conversation with an officer, agent or employee of the Owner, either before or after the execution of the agreement, shall affect or modify any of the terms or obligations of this Proposal.
12. The bidder hereby acknowledges receipt of the following addenda:

Addendum No. _____, dated _____	Addendum No. _____, dated _____
Addendum No. _____, dated _____	Addendum No. _____, dated _____
Addendum No. _____, dated _____	Addendum No. _____, dated _____
13. To perform all work described in the drawings, specifications and other documents for the Clark County Commission Chamber Remodel:

BID SCHEDULE

ITEM NO.	DESCRIPTION	TOTAL
1.	PRICE FOR EQUIPMENT AND INSTALLATION FOR THE COMPUTER VOTING SYSTEM, PUBLIC TIMER SYSTEM, AND VIDEO SYSTEM IN ALL AREAS.	\$ _____
2.	PRICE FOR HEARING IMPAIRED ENHANCEMENT IN ALL AREAS.	\$ _____
GRAND TOTAL:		\$ _____

Grand Total in Words

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____ as Principal, and _____ as Surety, are hereby held and firmly bound unto CLARK COUNTY, NEVADA as OWNER in the penal sum of _____ for the payment of which, well and truly to be made, were hereby jointly and severally bind ourselves, successors and assigns.

Signed, this _____ day of _____, 19__.

The condition of the above obligation is such that whereas the Principal has submitted to CLARK COUNTY, NEVADA a certain BID, attached hereto and hereby made a part hereof to enter into a contract in writing, for the Clark County Commission Chamber Remodel,

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto properly completed in accordance with said BID, and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID,

then this obligation shall be void, otherwise the same shall remain in force and effect: it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and the Surety has caused their seal to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Bond must be acceptable to Clark County.

_____(L.S.) _____
Principal Surety

by: _____

IMPORTANT: SURETY COMPANIES EXECUTING BONDS MUST BE AUTHORIZED TO TRANSACT BUSINESS IN THE STATE WHERE THE PROJECT IS LOCATED.

<u>ITEM OF WORK:</u>	<u>SUBCONTRACTOR:</u>	<u>DISADVANTAGED BUSINESS ENT.</u>
_____	Name of Firm: _____ Address: _____ Telephone Number: _____ Nevada State Contractor's License Number: _____ Business License Number: Clark County _____ City of Las Vegas _____	[] YES [] NO
_____	Name of Firm: _____ Address: _____ Telephone Number: _____ Nevada State Contractor's License Number: _____ Business License Number: Clark County _____ City of Las Vegas _____	[] YES [] NO
_____	Name of Firm: _____ Address: _____ Telephone Number: _____ Nevada State Contractor's License Number: _____ Business License Number: Clark County _____ City of Las Vegas _____	[] YES [] NO
_____	Name of Firm: _____ Address: _____ Telephone Number: _____ Nevada State Contractor's License Number: _____ Business License Number: Clark County _____ City of Las Vegas _____	[] YES [] NO
_____	Name of Firm: _____ Address: _____ Telephone Number: _____ Nevada State Contractor's License Number: _____ Business License Number: Clark County _____ City of Las Vegas _____	[] YES [] NO
_____	Name of Firm: _____ Address: _____ Telephone Number: _____ Nevada State Contractor's License Number: _____ Business License Number: Clark County _____ City of Las Vegas _____	[] YES [] NO

SUBMITTED BY: _____ [] YES [] NO

Legal Name of Firm as it would appear in Contract _____

Address including City, State and Zip Code _____

Nevada State Contractor's License No. _____ Clark County Business License No. _____

Authorized Signature _____ City of LV Business License No. _____

**INFORMATION REQUIRED OF BIDDER
EQUIPMENT/MATERIAL SOURCE INFORMATION**

THE SUCCESSFUL BIDDER SHALL TURN THIS FORM INTO THE CLARK COUNTY GENERAL SERVICES DEPARTMENT WITHIN FIFTEEN CALENDAR DAYS AFTER RECEIPT OF NOTICE OF AWARD.

The bidder shall indicate opposite each item of material listed below the name of the manufacturer or supplier of the material proposed to be furnished under the bid. Awarding of a contract under this bid will not imply approval by the Owner of the manufacturers or suppliers listed by the bidder.

<u>EQUIPMENT/MATERIAL</u>	<u>MANUFACTURER/SUPPLIER</u>
<u>VIDEO EQUIPMENT SUPPLIER</u>	_____
<u>VOTING EQUIPMENT SUPPLIER</u>	_____
<u>AUDIO EQUIPMENT SUPPLIER</u>	_____
<u>COMPUTER EQUIPMENT SUPPLIER</u>	_____
_____	_____

C O N T R A C T

THIS CONTRACT, made and entered into this _____ day of _____, 19____, between CLARK COUNTY, a political subdivision of the State of Nevada, hereinafter referred to as the "OWNER" and _____ (a Corporation organized and existing under the laws of the State of _____), (a Partnership consisting of _____), (an Individual trading as _____), of the City of _____, in the State of _____), hereinafter referred to as the "CONTRACTOR".

WITNESSETH: That the said CONTRACTOR having been awarded the contract for
CLARK COUNTY COMMISSION CHAMBER REMODEL

in accordance with the proposal therefore and for and in consideration of the promises and of the covenants and agreements, and of the payments herein specified, to be made and performed by the CONTRACTOR and the OWNER, the CONTRACTOR hereby covenants and agrees to and with the OWNER to undertake and execute all of the said named work, in a good, substantial and workmanlike manner, and to furnish all the materials and all the tools, labor, and equipment necessary to properly perform and complete the work ready for use, in strict accordance with all the provisions of the Contract including all Bid Documents attached hereto and made a part hereof and to accept as full compensation for the satisfactory performance of this Contract the sum of _____ (\$_____).

The prices named in the Bid are for the completed work, and include the furnishing of all materials and all labor, equipment, tools and appliances and all expense, direct or indirect, connected with the proper execution of the work and of maintaining the same until it has been accepted by the Board of County Commissioners.

Time is of the essence. The CONTRACTOR shall commence the work to be performed under this Contract on the date set by the OWNER in the written notice to proceed, continuing the work with diligence and shall complete the entire work within the time specified in the Instructions to Bidders. Further, in the event milestone completion dates are established for separable portions of the work, the CONTRACTOR agrees to complete said separable portions of the work in accordance with said milestone dates.

Contract
Clark County Commission Chamber Remodel

In case of failure on the part of the CONTRACTOR to complete the work within the time(s) specified in the Contract, or with such additional time(s) as may be granted by formal action of the Board of County Commissioners or fails to prosecute the work, or any separable portions thereof, with such diligence as will insure its completion within the time(s) specified in the Contract or any extensions thereof, the CONTRACTOR shall pay to the OWNER, as liquidated damages, the sum of as indicated in the Instructions to Bidders, until such reasonable time as may be required for final completion of the work, together with any increased costs incurred by the OWNER in completing the work.

IN WITNESS WHEREOF, the Director of General Services of Clark County, Nevada, has made and executed this contract on behalf of the said OWNER and the CONTRACTOR has hereunto set his hand the day and year above written.

CLARK COUNTY, NEVADA

BY: EARL HAWKES, Director of General Services

CONTRACTOR:

BY: _____
-seal-

BOND NUMBER: _____
BID NUMBER 2796-92
CLARK COUNTY, NEVADA

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

That _____, as Contractor, and _____ as Surety, are held and firmly bound unto _____, hereinafter called Owner, in the sum of _____ dollars, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Contractor has been awarded and is about to enter into the annexed contract with said Owner to perform all work required under the Bidding Schedule(s) _____ of the Owner's specifications, entitled _____.

NOW THEREFORE, if said Contractor shall perform all the requirements of said contract required to be performed on his part, at the times and in the manner specified therein, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

PROVIDED, that any alterations in the work to be done or the materials to be furnished, which may be made pursuant to the terms of said contract, shall not in any way release said Contractor or said Surety thereunder, nor shall any extensions of time granted under the provisions of said contract release either said Contractor or said Surety, and notice of such alterations or extensions of the contract is hereby waived by said Surety.

SIGNED this _____ day of _____, 19____.

(SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY)

Countersigned resident agent in Nevada:

(Agent)

by: _____
(Signature)

Address: _____

Phone No. _____

(Contractor)

by: _____
(Signature)

(Surety)

by: _____
(Signature)

Address: _____

Phone No. _____

BOND NUMBER: _____
BID NUMBER 2796-92
CLARK COUNTY, NEVADA

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS,

That _____, as Contractor, and _____, as Surety, are held and firmly bound unto _____, hereinafter called the Owner, in the sum of _____ dollars, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Contractor has been awarded and is about to enter into the annexed contract with said Owner to perform all work required under the Bidding Schedule(s) _____.

NOW THEREFORE, if said Contractor, or subcontractors, fails to pay for any materials, equipment, or other supplies, or for rental of same, used in connection with the performance of work contracted to be done, or for amounts due under applicable State law for any work or labor thereon, said Surety will pay for the same in an amount not exceeding the sum specified above and, in the event suit is brought upon this bond, a reasonable attorney's fee to be fixed by the court. This bond shall insure to the benefit of any persons, companies or corporations entitled to file claims under applicable State law.

PROVIDED, that any alterations in the work to be done or the materials to be furnished, which may be made pursuant to the terms of said Contract, shall not in any way release either said Contractor or said Surety thereunder, nor shall any extensions of time granted under the provisions of said Contract release either said Contractor or said Surety, and notice of such alterations or extensions of the Contract is hereby waived by said Surety.

SIGNED this _____ day of _____, 19____.

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

	_____ (Contractor)
Countersigned resident agent in Nevada:	by: _____ (Signature)
_____ (Agent)	_____ (Surety)
by: _____ (Signature)	by: _____ (Signature)
Address: _____ _____	Address: _____ _____
Phone No. _____	Phone No. _____

BOND NUMBER: _____
BID NUMBER 2796-92
CLARK COUNTY, NEVADA

GUARANTY BOND

GUARANTEE for _____

(Name and Address of Prime Contractor)

We hereby guarantee that the _____

(Description of Work)

which we have constructed, has been done in accordance with the plans and specifications; that the work as constructed will fulfill the requirements of the guaranties included in the Contract Documents. We agree to repair or replace any or all of our work together with any other adjacent work which may be damaged in so doing, that may prove to be defective in workmanship or materials within a period of one year from the date of filing of the Notice of Completion of the above-named work by the County of Clark, State of Nevada, without any expense whatsoever to said County of Clark, State of Nevada, ordinary wear and unusual abuse or neglect excepted.

In the event of our failure to comply with the above-mentioned conditions within five (5) calendar days after being notified in writing by the Board of County Commissioners, Clark County, Nevada, we collectively or separately, do hereby authorize Clark County to proceed to have said defects repaired and made good at our expense and we will honor and pay the costs and charges therefore upon demand. When correction work is started, it shall be carried through to completion.

DATED: _____
Notice of Completion Filing Date

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

(Contractor)

Countersigned resident agent in Nevada:

by: _____
(Signature)

(Agent)

(Surety)

by: _____
(Signature)

by: _____
(Signature)

Address: _____

Address: _____

Phone No. _____

Phone No. _____

SECTION 01010
SUMMARY OF WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Work by Owner.
- B. Owner furnished products.
- C. Contractor use of site and premises.
- D. Owner occupancy.

1.02 WORK BY OWNER

- A. Owner will provide cabinetry work required at podium stand to provide for a raised level camera viewing area.

1.03 OWNER FURNISHED PRODUCTS

- A. Products furnished to the site and paid for by Owner:

- 1. None.

- B. Owner's Responsibilities:

- 1. Arrange for and deliver Owner reviewed shop drawings, product data, and samples, to Contractor.
 - 2. Provide asbestos awareness program training class.
 - 3. On delivery, inspect products jointly with Contractor.
 - 4. Provide third party monitor for asbestos abatement.

- C. Contractor's Responsibilities:

- 1. Have all employees working on project attend an Owner provided asbestos awareness program training class prior to installation of project.
 - 2. Review Owner reviewed shop drawings, product data, and samples.
 - 3. Receive and unload products at site; inspect for completeness or damage, jointly with Owner.
 - 4. Arrange for manufacturers' warranties, inspections and service.
 - 5. Handle, store, install and finish products.

6. Repair or replace items damaged after receipt.
7. Clean up and resolve any problems resulting from improper contact and disrruption of asbestos areas.
8. Daily site clean up. Room must be suitable for Owner occupancy and use of site by public. Remove waste, surplus materials, rubbish, and construction facilities from the site. All work must be out of way and cleaned 1 hour prior to meeting time. See "Commission Chambers Calender" below: (This calendar is subject to changes - Contractor must review install dates with Owner to confirm room is available).

APRIL

1	7-9 PM	CHILD CARE LICENSING
2	6- PM	METRO RECRUITING
3	8-10 AM 10-6 PM	FACILITIES SAFETY MEETING BOARD OF MEDICAL EXAMINERS
4	8:30-5 PM	BOARD OF MEDICAL EXAMINERS
5	8:30-5 PM	BOARD OF MEDICAL EXAMINERS
7	8:30 7- PM	BCC PLANNING COMMISSION
8	8:30 6-9 PM	ZONING VICTIM IMPACT PANEL
9	8-2 PM 7- PM	RFCD/RTC PLANNING COMMISSION
13	10- AM	STATE WATER RESOURCES
14	7-9 PM	CHILD CARE LICENSING
15	7:30- PM	METRO CIVIL SERVICE COMMISSION
16	9- AM	COLORADO RIVER COMMISSION
20	2:30- PM	PARKS & RECREATION ADVISORY COMMISSION
21	8:30 7- PM	BCC PLANNING COMMISSION
22	8:30AM 1:30-5 PM 6-9 PM	ZONING PERSONNEL TRAINING VICTIM IMPACT PANEL
23	7- PM	PLANNING COMMISSION
29	8- AM	METRO FISCAL AFFAIRS
30	9- AM	LIQUOR & GAMING

MAY

1 8-10 AM FACILITIES SAFETY MEETING
4 7-9 PM CHILD CARE LICENSING
5 8:30 AM BCC
7- PM PLANNING COMMISSION
6 9- AM ZONING
1:30-5 PM PERSONNEL TRAINING
7 7- PM PLANNING COMMISSION
13 6-9 PM VICTIM IMPACT PANEL
14 8-2 PM RFCD/RTC
18 8:30- SPECIAL BCC/BUDGET
2:30 - PM PARKS & RECREATION ADVISORY COMMISSION
19 8:30- BCC
7- PM PLANNING COMMISSION
20 8:30 AM ZONING
7:30- PM METRO CIVIL SERVICE COMMISSION
21 9- AM COLORADO RIVER COMMISSION
7- PM PLANNING COMMISSION
27 6-9 PM VICTIM IMPACT PANEL
29 9- AM LIQUOR & GAMING

JUNE

2 8:30 AM BCC
7- PM PLANNING
3 8:30 AM ZONING
4 7- PM PLANNING
5 8-10 AM FACILITIES SAFETY MEETING
10 6-9 PM VICTIM IMPACT PANEL
11 8-2 PM RFCD/RTC
15 2:30- PM PARKS & RECREATION
16 8:30 BCC
7- PM PLANNING
17 8:30 AM ZONING
7:30- PM METRO CIVIL SERVICE COMMISSION

18 9- CRC
7- PM PLANNING

24 6-9 PM VICTIM IMPACT PANEL

30 8:30 AM LIQUOR & GAMING

JULY

7 8:30 AM BCC
7- PM PLANNING

8 8:30- ZONING
6-9 PM VICTIM IMPACT PANEL

9 8-2 PM RFCD/RTC
7- PM PLANNING

10 8-10 AM FACILITIES

15 7:30 PM METRO CIVIL SERVICE COMMISSION

16 8:30 AM CRC

20 2:30- PM PARKS & RECREATION

21 8:30- BCC
7- PM PLANNING

22 8:30 AM ZONING
6-9 PM VICTIM IMPACT PANEL

23 7- PM PLANNING

31 9- AM LIQUOR & GAMING

AUGUST

4 8:30 AM BCC
7- PM PLANNING

5 8:30- ZONING

6 7- PM PLANNING

7 8-10 AM FACILITIES

12 6-9 PM VICTIM IMPACT PANEL

13 8-2 PM RFCD/RTC

17 2:30- PM PARKS & RECREATION

18 8:30 AM BCC
7- PM PLANNING

19 9- AM ZONING

7:30- PM METRO CIVIL SERVICE
 20 8:30 AM CRC
 7- PM PLANNING
 26 6-9 PM VICTIM IMPACT PANEL
 31 8:30 AM LIQUOR & GAMING

SEPTEMBER

1 8:30- BCC
 7- PM PLANNING
 2 8:30 AM ZONING
 3 7- PM PLANNING
 4 8-10 AM FACILITIES
 9 6-9 PM VICTIM IMPACT PANEL
 10 8-2 PM RFCD/RTC
 15 8:30 AM BCC
 7- PM PLANNING
 16 8:30- ZONING
 7:30- PM METRO CIVIL SERVICE
 17 8:30 AM CRC
 7- PM PLANNING
 21 2:30- PM PARKS & RECREATION
 23 6-9 PM VICTIM IMPACT APNEL
 30 8:30 AM LIQUOR & GAMING

8. Contractor site demonstration, see Section 16782, paragraph 3.04 prior to installation.

9. Contractor must keep existing voting system in service while new system is being installed. Temporary conduit runs will be required for some cable runs. Cut over to new system must be coordinated with County personnel. System must be operational and in full compliance with specification prior to cut over. Video system may be used to view one board of old voting system as a temporary installation.

~~10. Contractor must repair or replace any furniture,~~

11. All existing voting equipment to be returned to Owner in operational condition.

1.04 CONTRACTOR USE OF SITE AND PREMISES

A. Limit use of site and premises to allow:

1. Owner occupancy.
2. Work by Others and Work by Owner.
3. Use of site by public.

1.05 OWNER OCCUPANCY

- A. The Owner will occupy the building premises during entire period of construction.
- B. Cooperate with Owner to minimize conflict, and to facilitate Owner's operations.
- C. Schedule the Work to accommodate this requirement.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not Used

END OF SECTION

SECTION 01300

SUBMITTALS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Submittal procedures.
- B. Shop drawings.
- C. Product data.
- D. Manufacturers' instructions.
- E. Manufacturers' certificates.

1.02 RELATED SECTIONS

- A. Section 01700 - Contract Closeout: Contract warranty manufacturer's certificates closeout submittals.

1.03 SUBMITTAL PROCEDURES

- A. Transmit each submittal with Engineer accepted form.
- B. Sequentially number the transmittal forms. Resubmittals to have original number with an alphabetic suffix.
- C. Identify Project, Contractor, Subcontractor or supplier; pertinent Drawing sheet and detail number(s), and specification Section number, as appropriate.
- D. Apply Contractor's stamp, signed or initialled certifying that review, verification of Products required, field dimensions, adjacent construction Work, and coordination of information, is in accordance with the requirements of the Work and Contract Documents.
- E. Schedule submittals to expedite the Project, and deliver to Engineer. Coordinate submission of related items.
- F. Identify variations from Contract Documents and Product or system limitations which may be detrimental to successful performance of the completed Work.
- G. Provide space for Contractor and Engineer review stamps.
- H. Revise and resubmit submittals as required, identify all changes made since previous submittal.

- I. Distribute copies of reviewed submittals to concerned parties. Instruct parties to promptly report any inability to comply with provisions.

1.04 SHOP DRAWINGS

- A. Submit in the form of one reproducible transparency and one opaque reproduction.
- B. After review, reproduce, and distribute in accordance with Article on Procedures above and for Record Documents described in Section 01700 - Contract Closeout.

1.05 PRODUCT DATA

- A. Submit the number of copies which the Contractor requires, plus two copies which will be retained by the Engineer.
- B. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information unique to this Project.
- C. After review, distribute in accordance with Article on Procedures above and provide copies for Record Documents described in Section 01700 - Contract Closeout.

1.06 MANUFACTURER'S INSTRUCTIONS

- A. When specified in individual specification Sections, submit manufacturers' printed instructions for delivery, storage, assembly, installation, adjusting, and finishing, in quantities specified for Product Data.
- B. Identify conflicts between manufacturers' instructions and Contract Documents.

1.07 MANUFACTURER'S CERTIFICATES

- A. When specified in individual specification Sections, submit manufacturers' certificate to Engineer for review, in quantities specified for Product Data.
- B. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
- C. Certificates may be recent or previous test results on material or Product, but must be acceptable to Engineer.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not used

END OF SECTION

SECTION 01600

MATERIAL AND EQUIPMENT

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Products.
- B. Transportation and handling.
- C. Storage and protection.
- D. Product options.
- E. Substitutions.

1.02 PRODUCTS

- A. Products: Means new material, machinery, components, equipment, fixtures, and systems forming the Work. Does not include machinery and equipment used for preparation, fabrication, conveying and erection of the Work. Products may also include existing materials or components required for reuse.
- B. Do not use materials and equipment removed from existing premises, except as specifically permitted by the Contract Documents.
- C. Provide interchangeable components of the same manufacturer, for similar components.

1.03 TRANSPORTATION AND HANDLING

- A. Transport and handle products in accordance with manufacturer's instructions.
- B. Promptly inspect shipments to assure that products comply with requirements, quantities are correct, and products are undamaged.
- C. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage.

1.04 STORAGE AND PROTECTION

- A. Store and protect products in accordance with manufacturer's instructions, with seals and labels intact and legible. Store sensitive products in weather-tight, climate controlled enclosures.
- B. For exterior storage of fabricated products, place on sloped supports, above ground.

- C. Provide off-site storage and protection when site does not permit on-site storage or protection.
- D. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to avoid condensation.
- E. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- F. Arrange storage of products to permit access for inspection. Periodically inspect to assure products are undamaged and are maintained under specified conditions.

1.05 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Any product meeting those standards or description.
- B. Products Specified by Naming One or More Manufacturers: Products of manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

1.06 SUBSTITUTIONS

- A. See general conditions GC-10A.
- B. Substitutions may be considered when a product becomes unavailable through no fault of the Contractor.
- C. Document each request with complete data substantiating compliance of proposed Substitution with Contract Documents.
- D. A request constitutes a representation that the Contractor:
 1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
 2. Will provide the same warranty for the Substitution as for the specified product.
 3. Will coordinate installation and make changes to other Work which may be required for the Work to be complete with no additional cost to Owner.
 4. Waives claims for additional costs or time extension which may subsequently become apparent.
 5. Will reimburse Owner for review or redesign services associated with re-approval by authorities.

E. Substitutions will not be considered when they are indicated or implied on shop drawing or product data submittals, without separate written request, or when acceptance will require revision to the Contract Documents.

F. Substitution Submittal Procedure:

1. See General Conditions GC-9B.
2. Submit three copies of request for Substitution for consideration. Limit each request to one proposed Substitution.
3. Submit shop drawings, product data, and certified test results attesting to the proposed product equivalence.
4. The Engineer will notify Contractor, in writing, of decision to accept or reject request.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not used

END OF SECTION

SECTION 01700
CONTRACT CLOSEOUT

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Closeout procedures.
- B. Final cleaning.
- C. Adjusting.
- D. Project record documents.
- E. Operation and maintenance data.
- F. Warranties.
- G. Spare parts and maintenance materials.

1.02 CLOSEOUT PROCEDURES

- A. Submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work is complete in accordance with Contract Documents and ready for Engineer's inspection.
- B. Provide submittals to Engineer that are required by governing or other authorities.
- C. Submit final Application for Payment identifying total adjusted Contract Sum, previous payments, and sum remaining due.
- D. Owner will occupy all of the building as specified in Section 01010.

1.03 FINAL CLEANING

- A. Execute final cleaning prior to final inspection.
- B. Clean interior and exterior glass and surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces.
- C. Clean equipment and fixtures to a sanitary condition.
- D. Remove waste and surplus materials, rubbish, and construction facilities from the site.

1.04 ADJUSTING

- A. Adjust operating Products and equipment to ensure smooth and unhindered operation.

1.05 PROJECT RECORD DOCUMENTS

- A. Maintain on site, one set of the following record documents; record actual revisions to the Work:
 - 1. Contract Drawings.
 - 2. Specifications.
 - 3. Addenda.
 - 4. Change Orders and other Modifications to the Contract.
 - 5. Reviewed shop drawings, product data, and samples.
- B. Store Record Documents separate from documents used for construction.
- C. Record information concurrent with construction progress.
- D. Specifications: Legibly mark and record at each Product section description of actual Products installed, including the following:
 - 1. Manufacturer's name and product model and number.
 - 2. Product substitutions or alternates utilized.
 - 3. Changes made by Addenda and Modifications.
- E. Record Documents and Shop Drawings: Legibly mark each item to record actual construction including:
 - 1. Measured locations of appurtenances concealed in construction, referenced to visible and accessible features of the Work.
 - 2. Field changes of dimension and detail.
 - 3. Details not on original Contract Drawings.
- F. Submit documents to Engineer with claim for final Application for Payment.

1.06 WARRANTIES

- A. Provide duplicate notarized copies.
- B. Execute and assemble documents from Subcontractors, suppliers, and manufacturers.

- C. Provide Table of Contents and assemble in three D side ring binder with durable cloth cover.
- D. Submit prior to final Application for Payment.
- E. For items of Work delayed beyond date of Substantial Completion, provide updated submittal within ten days after acceptance, listing date of acceptance as start of warranty period.

1.07 SPARE PARTS AND MAINTENANCE MATERIALS

- A. Provide products, spare parts, maintenance and extra materials in quantities specified in individual specification Sections.
- B. Deliver to Project site; obtain receipt prior to final payment.

1.08 OPERATION AND MAINTENANCE DATA

- A. Submit two sets prior to final inspection, bound in 8-1/2 x 11 inch (216 x 279 mm) text pages, three D side ring capacity expansion binders with durable plastic covers.
- B. Prepare binder covers with printed title "OPERATION AND MAINTENANCE INSTRUCTIONS", title of project, and subject matter of binder when multiple binders are required.
- C. Internally subdivide the binder contents with permanent page dividers, logically organized as described below; with tab titling clearly printed under reinforced laminated plastic tabs.
- D. Contents: Prepare a Table of Contents for each volume, with each Product or system description identified, type on 24 pound white paper.
- E. Part 1: Directory, listing names, addresses, and telephone numbers of Engineer, Contractor, Subcontractors, and major equipment suppliers.
- F. Part 2: Operation and maintenance instructions, arranged by system and subdivided by specification section. For each category, identify names, addresses, and telephone numbers of Subcontractors and suppliers. Identify the following:
 - 1. Significant design criteria.
 - 2. List of equipment.
 - 3. Parts list for each component.
 - 4. Operating instructions.
 - 5. Maintenance instructions for equipment and systems.
 - 6. Maintenance instructions for special finishes, including recommended cleaning methods and materials and special precautions identifying detrimental agents.
- G. Part 3: Project documents and certificates, including the following:

1. Shop drawings and product data.
2. Certificates.
3. Photocopies of warranties and bonds.

H. Submit one copy of completed volumes in final form 15 days prior to final inspection. This copy will be returned after final inspection, with Engineer comments. Revise content of documents as required prior to final submittal.

I. Submit final volumes revised, within ten days after final inspection.

1.09 MAINTENANCE

A. Furnish service and maintenance of installed systems for one year from date of substantial completion.

B. Emergency maintenance repair must respond within 2 hours from time of notification.

1.10 TRAINING

A. Provide eight hours of instruction with manufacturer's training personnel at contractor's site.

B. Provide eight hours of instruction with manufacturer's training personnel on Owner's site after installation of systems are complete.

PART 2 PRODUCTS

Not used

PART 3 EXECUTION

Not used

END OF SECTION

SECTION 16010

BASIC ELECTRICAL REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Basic Electrical Requirements specifically applicable to Division 16 Sections.

1.02 WORK SEQUENCE

- A. Install work in stages to accommodate Owner's occupancy requirements during the construction period coordinate electrical schedule and operations with Owner:

1.03 FUTURE WORK

- A. Provide for future work under requirements of Section 01010.
- B. Project is designed for future expansion of 5th and 6th floor video system as specified and as indicated.

1.04 ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at the Owner's option. Accepted Alternates will be identified in Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work as required.

1.05 REFERENCES

- A. ANSI/NFPA 70 - National Electrical Code.

1.06 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Submit shop drawings and product data grouped to include complete submittals of related systems, products, and accessories in a single submittals.
- C. Mark dimensions and values in units to match those specified.

1.07 REGULATORY REQUIREMENTS

- A. Conform to applicable Building Code.
- B. Electrical: Conform to NFPA 70.

- C. Obtain permits, and request inspections from authority having jurisdiction.

1.08 PROJECT/SITE CONDITIONS

Contradict each other

(A)

(B)

Install Work in locations shown on Drawings, unless prevented by Project conditions.

The drawings are diagrammatic unless indicated otherwise. The drawings reflect circuiting only and are not depicting exact conduit routing unless specifically noted otherwise.

- C. Prepare drawings showing proposed rearrangement of Work to meet Project conditions, including changes to Work specified in other Sections. Obtain permission of Owner before proceeding.

1.09 SEQUENCING AND SCHEDULING

- A. Construct Work in sequence under provisions of Section 01010.

1.10 INTENT OF DRAWINGS AND SPECIFICATIONS

- A. The drawings and specifications are intended to describe the minimum requirements necessary for a workable system. The contractor shall provide all necessary equipment, conduit, wire, and labor necessary for a complete and workable system whether or not specifically described in the drawings and specifications.

X

PART 2 PRODUCTS

\\Not Used

PART 3 EXECUTION

\\Not Used

END OF SECTION

SECTION 16111

CONDUIT

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Metal conduit.
- B. Flexible metal conduit.
- C. Electrical metallic tubing.
- D. Fittings and conduit bodies.

1.02 RELATED SECTIONS

- A. Section 16130 - Boxes.

1.03 REFERENCES

- A. ANSI C80.1 - Rigid Steel Conduit, Zinc Coated.
- B. ANSI C80.3 - Electrical Metallic Tubing, Zinc Coated.
- C. ANSI C80.5 - Rigid Aluminum Conduit.
- D. ANSI/NEMA FB 1 - Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit and Cable Assemblies.
- E. ANSI/NFPA 70 - National Electrical Code.
- F. NECA "Standard of Installation."
- G. NEMA RN 1 - Polyvinyl Chloride (PVC) Externally Coated Galvanized Rigid Steel Conduit and Intermediate Metal Conduit.
- H. NEMA TC 2 - Electrical Plastic Tubing (EPT) and Conduit (EPC-40 and EPC-80).
- I. NEMA TC 3 - PVC Fittings for Use with Rigid PVC Conduit and Tubing.

1.04 DESIGN REQUIREMENTS

- A. Conduit Size: ANSI/NFPA 70.

1.05 PROJECT RECORD DOCUMENTS

- A. Submit under provisions of Section 01700.
- B. Accurately record actual routing of conduits larger than 2 inches.

1.06 REGULATORY REQUIREMENTS

- A. Conform to requirements of ANSI/NFPA 70.
- B. Furnish products listed and classified by Underwriters Laboratories, Inc. as suitable for purpose specified and shown.

1.07 PROJECT CONDITIONS

- A. Verify that field measurements are as shown on Drawings.
- B. Verify routing and termination locations of conduit prior to rough-in.
- C. Conduit routing is shown on Drawings in approximate locations unless dimensioned. Route as required to complete wiring system.

PART 2 PRODUCTS

2.01 CONDUIT REQUIREMENTS

- A. Minimum Size: 3/4 inch unless otherwise specified.
- B. Dry Locations:
 - ~~1.~~ Concealed: Use electrical metallic tubing.
 - 2. Exposed: Use electrical metallic tubing.

2.02 METAL CONDUIT

- A. Fittings and Conduit Bodies: ANSI/NEMA FB 1; material to match conduit and all steel fittings.

2.03 FLEXIBLE METAL CONDUIT

- A. Description: Interlocked steel construction.
- B. Fittings: ANSI/NEMA FB 1.

2.04 ELECTRICAL METALLIC TUBING (EMT)

- A. Description: ANSI C80.3; galvanized tubing.
- B. Fittings and Conduit Bodies: ANSI/NEMA FB 1; steel compression.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install conduit in accordance with NECA "Standard of Installation."

- B. Install nonmetallic conduit in accordance with manufacturer's instructions.
- C. Arrange supports to prevent misalignment during wiring installation.
- D. Support conduit using coated steel or malleable iron straps, lay-in adjustable hangers, clevis hangers, and split hangers.
- E. Group related conduits; support using conduit rack. Construct rack using steel channel; provide space on each for 25 percent additional conduits.
- F. Fasten conduit supports to building structure and surfaces under provisions of Section 16190.
- G. Do not support conduit with wire or perforated pipe straps. Remove wire used for temporary supports
- H. Do not attach conduit to ceiling support wires.
- I. Arrange conduit to maintain headroom and present neat appearance.
- J. Route conduit parallel and perpendicular to walls.
- K. Route conduit installed above accessible ceilings parallel and perpendicular to walls.
- L. Route conduit in and under slab from point-to-point.
- M. Do not cross conduits in slab.
- N. Maintain adequate clearance between conduit and piping.
- O. Maintain 12 inch (300 mm) clearance between conduit and surfaces with temperatures exceeding 104 degrees F (40 degrees C).
- P. Cut conduit square using saw or pipecutter; de-burr cut ends.
- Q. Bring conduit to shoulder of fittings; fasten securely.
- R. Join nonmetallic conduit using cement as recommended by manufacturer. Wipe nonmetallic conduit dry and clean before joining. Apply full even coat of cement to entire area inserted in fitting. Allow joint to cure for 20 minutes, minimum.
- S. Install no more than equivalent of three 90-degree bends between boxes. Use conduit bodies to make sharp changes in direction, as around beams. Use hydraulic one-shot bender to fabricate bends in metal conduit larger than 2 inch (50 mm) size.

- T. Avoid moisture traps; provide junction box with drain fitting at low points in conduit system.
- U. Provide suitable fittings to accommodate expansion and deflection where conduit crosses seismic, control and expansion joints.
- V. Provide suitable pull string in each empty conduit except sleeves and nipples.
- W. Use suitable caps to protect installed conduit against entrance of dirt and moisture.
- X. Ground and bond all conduit.

END OF SECTION

SECTION 16123

BUILDING WIRE AND CABLE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Control wire and cable.
- B. Wiring connectors and connections.

1.02 RELATED SECTIONS

- A. Section 16111 - Conduit.
- B. Section 16130 - Boxes.

1.03 REFERENCES

- A. ANSI/NFPA 70 - National Electrical Code.

1.04 SUBMITTALS

- A. Manufacturer's Installation Instructions: Indicate application conditions and limitations of use stipulated by product testing agency specified under Regulatory Requirements.

1.05 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this Section with minimum three years documented experience.

1.06 REGULATORY REQUIREMENTS

- A. Conform to requirements of ANSI/NFPA 70.
- B. Furnish products listed and classified by Underwriters Laboratories, Inc. as suitable for purpose specified and shown.

1.07 PROJECT CONDITIONS

- A. Verify that field measurements are as shown on Drawings.
- B. Wire and cable routing shown on Drawings is approximate unless dimensioned. Route wire and cable as required to meet Project Conditions.
- C. Where wire and cable routing is not shown, and destination only is indicated, determine exact routing and lengths required.

1.09 COORDINATION

- A. Coordinate Work under provisions of Section 01039.
- B. Determine required separation between cable and other work.
- C. Determine cable routing to avoid interference with other work.

PART 2 PRODUCTS

2.01 MANUFACTURERS - BUILDING WIRE AND CABLE

- A. Carrol.
- B. Belden.
- C. Substitutions: Under provisions of Section 01600.

2.02 WIRING CONNECTORS

- A. Video Connectors:
 - 1. BNC.
 - 2. RCA.
 - 3. AMP CPC.
 - 4. DIN
 - 5. Substitutions: Under provisions of Section 01600.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that interior of building has been protected from weather.
- B. Verify that mechanical work likely to damage wire and cable has been completed.

3.02 PREPARATION

- A. Completely and thoroughly swab raceway before installing wire.

3.03 WIRING METHODS

- A. All locations: Use only cable specified in raceway unless noted otherwise on the drawings.

3.04 INSTALLATION

- A. Install products in accordance with manufacturers instructions.
- B. Use solid conductor for feeders and branch circuits 10 AWG and smaller.
- C. Use stranded conductors for control circuits.
- D. Use conductor not smaller than 20 AWG for control circuits.
- E. Pull all conductors into raceway at same time.
- F. Use suitable wire pulling lubricant for building wire 4 AWG and larger.
- G. Protect exposed cable from damage.
- H. Use suitable cable fittings and connectors.
- I. Neatly train and lace wiring inside boxes and equipment.
- J. Clean conductor surfaces before installing lugs and connectors.
- K. Make splices, taps, and terminations to carry full ampacity of conductors with no perceptible temperature rise.
- L. Use solderless pressure connectors with insulating covers for copper conductor splices and taps, 8 AWG and smaller.
- M. Use insulated spring wire connectors with plastic caps for copper conductor splices and taps, 10 AWG and smaller.

3.05 INTERFACE WITH OTHER PRODUCTS

- A. Identify each conductor with its circuit number or other designation indicated on Drawings.

3.06 FIELD QUALITY CONTROL

- A. Inspect cable for physical damage and proper connection.

END OF SECTION

SECTION 16130

BOXES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Wall and ceiling outlet boxes.
- B. Pull and junction boxes.

1.02 RELATED SECTIONS

- A. Section 16782 - Closed circuit television and voting system.

1.03 REFERENCES

- A. ANSI/NEMA FB 1 - Fittings and Supports for Conduit and Cable Assemblies.
- B. ANSI/NEMA OS 1 - Sheet-steel Outlet Boxes, Device Boxes, Covers, and Box Supports.
- C. ANSI/NEMA OS 2 - Nonmetallic Outlet Boxes, Device Boxes, Covers and Box Supports.
- D. ANSI/NFPA 70 - National Electrical Code.
- E. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum).

1.04 REGULATORY REQUIREMENTS

- A. Conform to requirements of ANSI/NFPA 70.
- B. Furnish products listed and classified by Underwriters Laboratories, Inc. as suitable for purpose specified and shown.

1.05 PROJECT CONDITIONS

- A. Verify field measurements are as shown on Drawings.
- B. Verify locations of floor boxes and outlets in diags, and floor prior to rough-in.
- C. Electrical boxes are shown on Drawings are existing unless noted otherwise.

PART 2 PRODUCTS

2.01 OUTLET BOXES

- A. Sheet Metal Outlet Boxes: ANSI/NEMA OS 1, galvanized steel.

2.02 PULL AND JUNCTION BOXES

- A. Sheet Metal Boxes: NEMA OS 1, galvanized steel.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install electrical boxes as shown on Drawings, and as required for splices, taps, wire pulling, equipment connections and compliance with regulatory requirements.
- B. Install electrical boxes to maintain headroom and to present neat mechanical appearance.
- C. Install pull boxes and junction boxes above accessible ceilings and in unfinished areas only.
- D. Inaccessible Ceiling Areas: Install outlet and junction boxes no more than 6 inches (150 mm) from ceiling access panel or from removable recessed luminaire.
- E. Install boxes to preserve fire resistance rating of partitions and other elements, using materials and methods under the provisions of Section 07270.
- F. Align adjacent wall-mounted outlet boxes for switches, thermostats, and similar devices with each other.
- G. Use flush mounting outlet boxes in finished areas.
- H. Do not install flush mounting boxes back-to-back in walls; provide minimum 6 inch (150 mm) separation. Provide minimum 24 inches (600 mm) separation in acoustic rated walls.
- I. Secure flush mounting box to interior wall and partition studs. Accurately position to allow for surface finish thickness.
- J. Use stamped steel bridges to fasten flush mounting outlet box between studs.
- K. Install flush mounting box without damaging wall insulation or reducing its effectiveness.
- L. Use adjustable steel channel fasteners for hung ceiling outlet box.
- M. Do not fasten boxes to ceiling support wires.
- N. Support boxes independently of conduit.

- O. Use gang box where more than one device is mounted together. Do not use sectional box.
- P. Use gang box with plaster ring for single device outlets.
- Q. Use cast floor boxes for installations in slab on grade; formed steel boxes are acceptable for other installations.
- R. Set floor boxes level.

3.02 INTERFACE WITH OTHER PRODUCTS

- A. Locate flush mounting box in masonry wall to require cutting of masonry unit corner only. Coordinate masonry cutting to achieve neat opening.
- B. Coordinate mounting heights and locations of outlets mounted above counters, benches and backsplashes.

3.03 ADJUSTING

- A. Adjust floor box flush with finish flooring material.
- B. Adjust flush-mounting outlets to make front flush with finished wall material.
- C. Install knockout closure in unused box opening.

END OF SECTION

SECTION 16782

CLOSED CIRCUIT TELEVISION AND VOTING SYSTEM

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Television cameras.
- B. Television control equipment.
- C. Television cable and accessories.
- D. Voting totalizer and computer.
- E. Public hearing timer and accessories.

1.02 RELATED SECTIONS

- A. Section 16111 - Conduit.
- B. Section 16123 - Building Wire and Cable.
- C. Section 16130 - Boxes.

1.03 SYSTEM DESCRIPTION - CLOSED CIRCUIT TELEVISION SYSTEM

- A. Description: Provide video communications between points of viewing indicated on Drawings and projection room.
- B. Capacity:
 - 1. Cameras: As specified.
 - 2. Monitors: As specified.
- C. Configuration: NTSC, with 1 volt peak-to-peak across 75 ohms.
- D. Distribution: Baseband, DC to 6 MHz.

1.04 SYSTEM DESCRIPTION - VOTING TOTALIZER AND COMPUTER

- A. Objective: To poll, tally, display, and record the voting results for up to 8 voting positions at the Clark County Commission Chambers. The voting totalizer shall have the ability to be preprogrammed with commissioners names for a minimum of 10 different setups for meetings and have an agenda item display incorporated.
- B. Requirements: A computer system that can register from 8 voting stations, record the results with an agenda item number and date/time, display graphically the voters names and vote selection to a composite color monitor, **program a function key on the computer** for the clerk to switch between other "live" video source and the voting computer

video output, and provide an agenda item display that will be present at the bottom of screen during live and computer video viewings.

C. Computer Modes Configuration: The computer system shall be programmed to operate by use of function keys in the following general modes:

* **Initialization and Setup Mode:** In this mode operator will be able to initialize and/or edit set up for the meeting. For example initialize / edit meeting type, commissioner's names, agenda items, etc. for computer displays used later or heading information used for recording the results of the meeting. Ten different setups for meetings will be preprogrammed in computer and selected by pop up menu for default meeting selection.

* **Run Mode:** In this mode the computer will be running the routine housekeeping tasks of the system. For example displaying current one line agenda item information, displaying one line comment information, displaying voting results, saving voting results to the hard drive for later report summary, preparing the system for the next vote, etc.

* **Monitor Voting Switch Mode:** In this mode the computer system's display will be cut off from public viewing and only be displayed on the operators terminal. Computer shall be actively monitoring the position of the voting switches via the I/O boards. Computer shall display this information on operator terminal. Thus providing the operator real time monitoring of the commissioners voting activity.

* **Report and Archive Mode:** In this mode the computer system shall provide operator, via pop-up menu selection, reporting summary options to store meeting voting results or print meeting results in executive report summary format.

D. Summary of Computer Function Keys: Computer function keys shall be programmed to minimize operator key strokes, and labeled similar to the following:

1. **F1 - Enable Vote:** Function key programming shall put computer into the "monitor voting switch" mode. In this mode computer will: reset tally's from previous vote disable computer display from being displayed on public monitors, provide operator a display of active voting switch position via interrupt status from I/O cards. Provide commissioners with individual local indication of voting preference selected via I/O output card. Automatically advance the agenda items.

2. F2 - Display Vote:

Function key programming shall transfer the computer from the "monitor voting switch" mode into the "run" mode. Computer shall display voting results to public monitors with current agenda item, record vote to hard disk for report generation and reset the commissioners voting switch setting and local indication of last voting preference.

3. F3 - Next Agenda Item:

Function key programming shall advance the agenda item number and return the display to live video with comment and agenda items on bottom line of live video.

4. F4 - Group Agenda Item:

Function key programming shall provide for the grouping of agenda items for a vote with editing features to omit items from within a group. This must be provided with a limited number of key strokes.

5. F5 - Agenda Edit:

Function key programming shall provide operator editing capabilities to modify the agenda item sequence. This must be provided with a limited number of key strokes.

6. F6 - Reset/Delete Vote:

Function key programming shall provide operator with reset vote capabilities to delete a voted item and reset the voting to revote the item. This will also update report summary information and archive files.

7. F7 - Reports:

Function key programming shall transfer the computer system into the "Report and Archive" mode. Operator will have access to report and data storage menu options.

8. F8 - Display Selection:

Function key programming shall provide a pop-up menu to select live camera video selection and computer / live video mixing selection, as well as show which selection the system is currently configured for. Selection

pop up menu windows will be in two stages. Stage one to select live video source (ie. 1) overhead camera, 2) studio camera, 3) VCR #1, and 4) VCR #2). Stage two will then select the final video output to the video distribution amplifiers (ie. 1) computer video only, 2) live video only, an 3) computer / live video mixing).

- E. Existing voting system:** Consists of electromechanical relays, interlocking voting switches, clerk monitor and control board, and incandescent light boards.

The operation of the existing voting system is as follows:

1. Commissioners cast vote via a three position indicating voting switch.
2. Clerk's monitor board registers commissioner's vote by way of light indication (yes, no, abstain) for each commissioner's voting.
3. Clerk depresses "display switch" on monitor and control board to display voting results to public light boards.
4. Public light boards displays voting results via incandescent lights yes, no, abstain, for each commissioners voting.
5. After displaying voting results to public clerk "resets" light board, monitor board (turns off lights), and commissioner's voting switch which prepares the system or the next vote.
6. The existing voting system is to remain in operation with temporary wiring during installation and cutover.
7. The existing voting system is to be returned to Owner in operating condition ready for temporary back-up use.

F. Interface to existing voting system: None.

G. Performance Specifications:

- ?
8 or 10
1. 10 voting positions will have lighted three push-button selections: Yes, No, and Abstain. Computer I/O boards will interface to these switches by receiving vote indication and with an output to light up the individual switch that was pushed.
 2. Voting program must allow clerk/operator to view on a computer screen a display the number of voting posi-

tions that are active as well as which of the positions are inactive.

3. Clerk/Operator must be able to enter and edit voters name/title for each position or select from one of 10 preset displays to be included during initial setup.
4. **Indication, via clerks computer screen display, must be provided so clerk/operator can determine when all active voting positions have cast votes and signal completion of vote .**
5. Voting computer must not display results to "live" video monitors until all votes are cast. **Display is under control of the operator via function key.**
6. Composite video output must automatically adjust to number of voters or agenda items to attractively fill output screen. Output will be in multiple colors, preferably with names and vote results in "shadowed" boxes.
7. Output display will include agenda item, date, time, and voting results. Output display shall be capable of being changed or altered by operator/clerk with new configuration being stored for future use. These changes shall not require changes to source code or program and agenda item.
8. Voting computer will store results of vote, by date, recording each voter's selection, and provide a summary printed report of the day's voting. **Software shall be provided for printing report at a remote non-connected computer and printer.**
9. Voting computer shall have the ability to be preprogrammed with editing capabilities, for meetings and have an agenda item display incorporated that will superimpose the agenda item number at bottom right of screen on top of live video.
10. Agenda item number shall be capable of being changed by clerk/operator during meeting proceedings.
11. Input from "three push-button selector voting" switch (yes, no, abstain) shall be a contact closure for each voting preference and shall **interface to input data logic boards in the computer system.** The voting totalizer software shall recognize these inputs as discrete logic levels (on, off) and totalize voting results. **This input shall also be translated to an appropriate output to light a corresponding light within the pushbutton.**
12. Off-the-shelf hardware and software will be used wherever possible.

ISA

13. Source code for any custom software will be provided to and become the property of the County.
 14. Schematics for any custom electrical or electronic hardware will be provided to the County.
 15. Contractor is responsible for a turn-key system from voting buttons to video switches for the voting computer portion of the system.
 16. Agenda items will automatically increment when appropriate operator function key is depressed. In addition clerk/operator will have editing capabilities to change current agenda item number sequence.
 17. Program will provide for the grouping of agenda items for a vote with editing features to omit items from within the group. This must be provided with a function key and limited number of key strokes for editing features.
 18. Provide function key for agenda item advance.
 19. Provide function key for agenda item omission.
 20. Provide comment field to be displayed with agenda items or votes casted. Field shall utilize only bottom line of screen so as not to obstruct live video. This field shall be capable of being turned on or off.
 21. Computer time required for vote totalizing and display must be less than one second.
- H. Computer I/O System: Computer I/O system shall be all constructed from all solid state components.

Computer input boards shall consist of digital input points with interrupt generation and monitoring capabilities for each point. Shall be IBM "AT" bus compatible. Shall be capable of monitoring 24 TTL/DTL digital input lines, include connections to computers power supplies (+5V, +12V, -12V, and -5V), and be supported by a comprehensive set of drivers and programming tools.

Computer output boards shall consist of eight form "C" SPST relays. Contacts rated at 3 amps at 120 Vrms. shall be capable of activating relays and annunciator lights under software control. Shall be IBM "AT" bus compatible.

Computer I/O shall perform as follows:

1. Digital input boards will monitor status of momentary contact voting switches. Software will recognize and display which voting switch has been depressed (ie. yes, no, abstain) while output board closes contact associated with the depressed voting switch. This output contact closure will drive a local annunciator

light associated with the voting switch position selected to provide local indication to each commission of vote selected. Voting switch shall be lighted push button type.

2. If a commission changes their vote by depressing a different voting switch (ie: from yes to no) the input monitoring board will generate an interrupt. Software will recognize and display new voting preference. Output board will deactivate previously selected indication light and activate new light associated with new voting preference and display change on clerks monitor.

Power source for input points will be driven from computer via board connection to computer power supply. Power source for output points will be from an external power supply, voltage as selected by supplier and provided with equipment.

Output points (ie: contact closure) will also interface to video switching equipment under command from appropriate function key selection.

1.05 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Provide for each device.
- C. Provide shop drawings of all wiring connections.
- D. Manufacturer's Installation Instructions: Indicate suitable methods for installing devices.

1.06 OPERATION AND MAINTENANCE DATA

- A. Submit under provisions of Section 01700.
- B. Document ratings of system and of each major component.
- C. Include instructions for starting and operating closed circuit television system and voting computer.
- D. Identify operating limits which may result in hazardous or unsafe conditions, or in equipment damage.
- E. Include routine preventive maintenance schedule.
- F. List special tools, maintenance materials, and replacement parts.
- G. Include instructions for procedures to check and test equipment during typical malfunctions.

1.07 QUALIFICATIONS

- A. Supplier: Company specializing in supplying the products

specified in this Section with minimum three years documented experience. Company shall have an authorized stocking distributor in Las Vegas.

- B. Installer: Company specializing in installation of the products specified in this Section with minimum 5 years documented experience.

1.08 COORDINATION

- A. Coordinate camera locations with outlets and television signal wiring.
- B. Coordinate installation with Clark County facilities electrical personnel.
- C. Coordinate voting totalizer and computer installation with outlets and Clark County facilities electrical personnel.

1.09 MAINTENANCE SERVICE

- A. Furnish service and maintenance of installed closed circuit television system and voting totalizer system for one year from Date of Substantial Completion. Maintenance personnel must respond within 2 hours to resolve problems and be repaired by next business day. All maintenance and repairs shall be performed on site.

1.10 PERFORMANCE

- A. Provide any ancillary equipment required for a complete and workable system whether specified or not below. Performance of system shall be demonstrated to fulfill requirements to the satisfaction of Owner. Date of substantial completion will occur after system has been operational and performed error free for a period of 30 consecutive days.

PART 2 PRODUCTS

2.01 TELEVISION CAMERAS - ITEM 1 (1 REQUIRED)

- A. Hitachi, Model KP-C502U.
- B. Substitutions: Under provisions of Section 01600.
- C. Television camera shall meet the following specifications:
 - 1) Image Device - CCD.
 - 2) Scanning Area - 6.4H X 4.8V sq. mm.
 - 3) Scanning System - 2:1 Interlace.
 - 4) Synchronization - Internal/External Sync Capable (automatic selection).

- 5) Resolution - Horizontal: more than 430 lines.
Vertical: more than 350 lines.
- 6) S/N Ratio - 48 db (4.5 MHz band).
- 7) Lens Mount - C-Mount.
- 8) Power Requirements - 120V AC.

2.02 CAMERA LENS - ITEM 2 (1 REQUIRED)

A. Vicon, Model V11-110M.

B. Substitutions: Under provisions of Section 01600.

C. Lens shall meet the following specifications:

- 1) Focal Length - 11~110 mm.
- 2) Aperture - F1.8.
- 3) Image Format Size (Max) - 2/3 inch.
- 4) Minimum Object Distance (M.O.D.) - 1.3m.
- 5) Field Angle
 - 2/3 inch - Tele = 4 degrees 35' X 3 degrees 26'
 - Wide = 43 degrees 36' X 33 degrees 24'
 - 1/2 inch - Tele = 3 degrees 20' X 2 degrees 30'
 - Wide = 32 degrees 26' X 24 degrees 40'
- 6) Zoom Ratio - 10x
- 7) Exit Pupil Position - -127.0 mm.
- 8) Back Focal Length - 21.08 mm. (in air).
- 9) Object Area at M.O.D.
 - Tele = 74 X 56 mm.
 - Wide = 743 X 557 mm.
- 10) Operation
 - Zoom - Motorized (12VDC)
 - Focus - Motorized (12VDC)
 - Iris - Motorized (12VDC)
- 11) Filter Diameter - Phase 67 mm. P = 0.75 mm.
- 12) Weight - 1.5 kg.

2.03 PAN AND TILT SYSTEM - ITEM 3 (1 REQUIRED)

A. Pelco, Model PT550P.

Aluminum plate: all internal parts corrosion protected.

16) Finish Textured semi-gloss beige enamel.

17) Environment
Temperature Outdoor: completely weather proofed, -10F
to 140 degrees F (-23 degrees C to +60 degrees C)

D. Provide with PM2000 Universal ceiling/pedestal mount for 125 lb support.

2.04 PAN AND TILT LENS CONTROL - ITEM 4 (1 REQUIRED)

A. Pelco, Model MLZ6DT.

B. Substitutions: Under provisions of Section 01600.

2.05 PAN AND TILT CONTROL - ITEM 5 (1 REQUIRED)

A. Pelco, Model MPT-V1510.

B. Substitutions: Under provisions of Section 01600.

2.06 1 X 16 VIDEO/AUDIO DISTRIBUTION AMP - ITEM 6 (1 REQUIRED)

A. Comprehensive, Model AVDA-16.

B. Substitutions: Under provisions of Section 01600.

2.07 EXPANSION BUS CABLE - ITEM 7 (0 REQUIRED)

A. Comprehensive, Model EBC-34.

B. Substitutions: Under provisions of Section 01600.

2.08 35" VIDEO MONITOR - ITEM 8 (4 REQUIRED)

A. Mitsubishi, Model CS3521-R.

B. Substitutions: Under provisions of Section 01600.

C. Video Monitor shall meet the following specifications.

1) Finish - Black

2) Screen Size - 35"

3) Horizontal Resolution - 700 Lines.

4) Overscan - \leq 5%.

5) Velocity Scan Modulation.

6) Color Temperature Control.

7) Loudspeakers - Detachable 2 Way.

- 8) Output Power - 15 watts/CH.
- 9) Inputs - 2 Video, 5-VHS, 2 Audio Stereo.
- 10) Outputs - 1 Audio Stereo.
- 11) Power Consumption - 290 watts.
- 12) Size - 28 5/8" h X 39 3/8" w X 23 1/2" d.
- 13) Weight - 201 lbs.
- 14) Remote control of picture and audio settings.

2.09 8" MONITOR - ITEM 9 (5 REQUIRED)

- A. Sony, Model PVM-8220.
- B. Substitutions: Under provisions of Section 01600.
- C. Monitor shall meet the following specifications:
 - 1) 19" EIA Rock Mountable.
 - 2) Select switches for underscan, HV-delay and blue only mode.
 - 3) External sync option.
 - 4) Selectable A & B video inputs.
 - 5) Horizontal Resolution - 250 TV lines.
 - 6) Size - 8.6" h X 8.5" w X 12.6" d.
 - 7) Weight - 16 lbs. - 9 oz.

2.10 8 INPUT VIDEO SWITCHER - ITEM 10 (1 REQUIRED)

- A. Pelco, Model VS5008.
- B. Substitutions: Under provisions of Section 01600.

2.11 13" VIDEO MONITOR - ITEM 11 (1 REQUIRED)

- A. Sony, Model PVM-1380.
- B. Substitutions: Under provisions of Section 01600.
- C. Video Monitor shall meet the following specifications:
 - 1) Visible Picture Size - 13" measured diagonally.
 - 2) Horizontal Resolution - 250 TV lines.
 - 3) Size - 14.4" h X 14" w X 16.1" d.

- 4) Weight - 25 lbs - 6 oz.
 - 5) Picture Tube - black face Trinitron - 14".
- 2.12 VIDEO CONSOLE - ITEM 12 (1 REQUIRED)
- A. Winstead, Model E4964.
 - B. Substitutions: Under provisions of Section 01600.
 - C. Video Console shall meet the following specifications:
 - 1) Adjustable shelves in 1" increments.
 - 2) 13" pull-out shelves.
 - 3) Floor glides.
 - 4) Patty baked on enamel finish.
 - 5) Overall Dimensions - 33 1/4" h X 29" d X 48" w.
 - 6) VCR Shelf - 24" d X 21 1/2" w. (2 ea.)
 - 7) Editor Shelf - 16" d X 24" w.
- 2.13 3/4" VCR RECORDER - ITEM 13 (1 REQUIRED)
- A. Sony, Model VO-7600.
 - B. Substitutions: Under provisions of Section 01600.
- 2.14 CCD COLOR CAMERA - ITEM 14 (1 REQUIRED)
- A. Panasonic, Model WV-D5100.
 - B. Substitutions: Under provisions of Section 01600.
 - C. CCD Color Camera shall meet the following specifications:
 - 1) Single chip integrated color mosaic filter CCD system.
 - 2) 2/3" CCD.
 - 3) 286,000 Pixels.
 - 4) Resolution - 380 lines.
 - 5) Noise - 46 db S/N.
 - 6) Lens - 7 lux at f 1.4.
 - 7) Auto tracing white balance.
 - 8) 2 line vertical enhancer.
 - 9) 1/1000 strobe effect shutter.

- 10) Fade-in / Fade-out.
- 11) Nega posi picture reversal.
- 12) Record Review.
- 13) VCR Remote Control.
- 14) TTL Auto Focus.
- 15) Automatic Intermittent Recording.

2.15 STUDIO KIT FOR CCD COLOR CAMERA - ITEM 15 (1 REQUIRED)

- A. Panasonic, Model WV-S070.
- B. Substitutions: Under provisions of Section 01600.
- C. Kit shall include the following:
 - 1) Panasonic WV-LZ15/12 12X Automatic Iris Studio Lens.
 - 2) Panasonic WV-LK11 Lens Control.
 - 3) Panasonic WV-VF65B 5" Electronic Viewfinder.
 - 4) Panasonic WV-Q39 5" EVF Bracket.
 - 5) Panasonic WV-RC35 Remote Control Unit.
 - 6) Panasonic WV-AD37 RCU Adapter.
 - 7) Panasonic 14C-30 Studio Cable.

2.16 VHS RECORDER - ITEM 16 (1 REQUIRED)

- A. Panasonic, Model AG-1260.
- B. Substitutions: Under provisions of Section 01600.
- C. VHS Recorder shall meet the following specifications:
 - 1) GT4W super 4-head video system.
 - 2) Digital Tracking.
 - 3) 155 channel cable compatible tuner.
 - 4) On-screen display.
 - 5) Auto repeat playback.
 - 6) 1/5 - 1/60 slow speed.
 - 7) 7X(SP) 21X(SLP) cue/review speed.
 - 8) 1 month 4-event program timer w/ built-in calendar.

- 9) SP/LP/SLP Record/Playback.
- 10) Mic-In.
- 11) Audio dubbing capability.
- 12) BNC video connector.
- 13) Syncho edit function.
- 14) 2X play.
- 15) 10 key programmable wireless remote.

2.17 TRIPOD AND HEAD - ITEM 17 (1 REQUIRED)

- A. Peter-Lisand, Model Ultra 250.
- B. Substitutions: Under provisions of Section 01600.

2.18 STUDIO DOLLY - ITEM 18 (1 REQUIRED)

- A. Peter-Lisand, Video Tripod Dolly.
- B. Substitutions: Under provisions of Section 01600.
- C. Tripod shall meet following specifications:

- 1) Heavy 1/8" wall aluminum tubing.
- 2) 4" diameter swivel wheels.
- 3) Spring latch locks.

2.19 LIGHT KIT - ITEM 19 (1 REQUIRED)

- A. Lowell, Model V1-90.
- B. Substitutions: Under provisions of Section 01600.
- C. Light Kit shall include the following:

- 1) 2 V-lights.
- 2) 2 ViP stands.
- 3) 1 Tota-brella.
- 4) 1 Tota-frame.
- 5) 1 assorted Tota-gels.
- 6) 1 ViP Lampak.
- 7) 1 V shoulder case.

- D. Provide with lamps and 1 set of spare lamps.

- 2.20 **VIDEO MIXER - ITEM 20 (1 REQUIRED)**
- A. **Pelco, model VSS100DT.**
 - B. **Substitutions: Under provisions of Section 01600.**
- 2.21 **26" TV MONITOR - ITEM 21 (2 REQUIRED)**
- A. **Mitsubishi, Model CS-2611R.**
 - B. **Substitutions: Under provisions of Section 01600.**
 - C. **Monitor shall meet the following specifications:**
 - 1) **Screen Size - 26".**
 - 2) **Horizontal Resolution - 560 lines.**
 - 3) **Oak Grain Finish.**
 - 4) **Size - 22 7/8" h X 26 1/4" w X 18 1/2" d.**
 - 5) **Weight - 78 lbs.**
 - 6) **Power Consumption - 145 watts.**
 - 7) **Base - Model MP268.**
- 2.22 **B AND W MONITOR - ITEM 22 (1 REQUIRED)**
- A. **Sony, Model PVM-122.**
 - B. **Substitutions: Under provisions of Section 01600.**
- 2.23 **VOTING COMPUTER AND SOFTWARE - ITEM 23 (1 REQUIRED)**
- A. **Voting computer shall meet the requirements stated in Section 1.04 of this specification.**
 - B. **Shall be minimum of: (other configurations may be acceptable)**
 - * **386SX-20MHZ**
 - * **AT Bus supported**
 - * **2 MB RAM**
 - * **1.2 & 1.44 FD**
 - * **40 MB HD**
 - * **VGA Card**
 - * **SVGA Color Monitor .28**
 - * **2 SER/1 PAR Ports**
 - * **Mini Tower Case**
 - * **101 Keyboard**
 - * **Mouse**
 - * **DOS 5.0 or other commercially available operating system.**
 - * **Printer, Okidata 292 or equal**
 - * **Commercially available software language.**

- * I/O Board: Keithley Model PIO-INT (2 ea.) or equal
- * I/O Adapter: Keithley STA-U (2 ea.) or equal
- * I/O Cable: Keithley C-1800 (2 ea.) or equal
- * I/O Board Software: Keithley PIO-INT/315 (1 ea.) or equal.
- * Composite Video Output
- * I/O Screw terminal interface Keithley STC-37 (2 ea.) or equal.
- * I/O Board: Keithley Model ERA-01 (2 ea.) or equal.
- * I/O Cable: Keithley C-1800 (2 ea.) or equal.
- * I/O Power Supply: Keithley OPA-01 (1 ea.) or equal.
- * I/O Connector: Keithley SFC-37 (2 ea.) or equal.

* (C.) Software language must be specified and approved by County and compatible with I/O hardware cards.

(D.) Software code will be developed in modular blocks. A software development milestone chart will be submitted to County and each software milestone will be approved by County. All displays will be approved by County. Software flow charts will be submitted and approved by County prior to any software development.

E. Substitutions: Under provisions of Section 01600.

2.24 VOTING SWITCH - ITEM 24 (10 REQUIRED)

A. See drawings for manufacture reference.

2.25 SPEAKER TIMER SWITCH - ITEM 25 (1 REQUIRED)

A. See drawings for manufacture reference.

2.26 CONTROL PANEL TIMER CONTROLS - ITEM 26 (1 REQUIRED)

A. See drawings for manufacture reference.

2.27 CAMERA MOUNT - ITEM 27 (1 REQUIRED)

A. Pelco, Model WM2000 with PM102A.

B. Substitutions: Under provisions of Section 01600.

2.28 35" MONITOR MOUNT - ITEM 28 (4 REQUIRED)

A. Peerless, Model 055-660-02

B. Substitution: Under provisions of Section 01600.

2.29 26" MONITOR MOUNT - ITEM 29 (2 REQUIRED)

A. Peerless, Model 055-650-02

B. Substitution: Under provisions of Section 01600.

2.30 BASE STATION - ITEM 30 (1 REQUIRED)

A. Telex, Model AAT-2

- B. Substitution: Under provisions of Section 01600.
- 2.31 RACK MT. KIT - ITEM 31 (1 REQUIRED)
 - A. Telex, Model RM-53
 - B. Substitution: Under provisions of Section 01600.
- 2.32 CHARGER - ITEM 32 (1 REQUIRED)
 - A. Telex, Model TC-100
 - B. Substitution: Under provisions of Section 01600.
- 2.33 ANTENNA - ITEM 33 (1 REQUIRED)
 - A. Telex, Model 1/2Wave Gain for AAT-2
 - B. Substitution: Under provisions of Section 01600.
- 2.34 RECEIVER - ITEM 34 (6 REQUIRED)
 - A. Telex, Model AAR-10
 - B. Substitution: Under provisions of Section 01600.
- 2.35 HEADPHONE - ITEM 35 (6 REQUIRED)
 - A. Telex, Model HED-2
 - B. Substitution: Under provisions of Section 01600.
- 2.36 ACCESSORIES
 - A. Cable-
 - 1) Video Cable RG59, Manufacturer and Model: Carrol or Belden.
 - 2) Pan/Tilt Cable 5/c plus grd 20 AWG, Manufacturer and Model: Belden.
 - 3) Audio Cable: Belden.
 - B. Jacks-
 - 1) Video Jacks: Screw on type.
 - 2) Audio Jacks: Plug in type.
- 2.37 COMPUTER SPARE I/O BOARDS (1 EACH REQUIRED)
 - A. Keithley Model PIO-INT or equal (1 ea.)
 - B. Keithley Model STA-U or equal (1 ea.)

- C. Keithley Model C-1800 or equal (1 ea.)
- D. Keithley Model ERA-01 or equal (1 ea.)
- E. Substitution: under provision of Section 01600.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions. Connect all equipment in accordance with wiring block diagram for component interface.
- B. Install cable under provisions of Section 16123.
- C. Connect monitors with cable to jacks.
- D. Provide boxes for mounting devices, cable pulling, and splicing cables under provisions of Section 16130.
- E. Provide equalizing amplifier for circuits longer than 100 feet (30.5 m).

3.02 INTERFACE WITH OTHER PRODUCTS

- A. Provide additional material and equipment as needed to achieve the performance of systems stated herein.
- B. Interface installation of closed circuit television system with audio sound reinforcement system.
- C. Interface voting totalizer with closed circuit television system.

3.03 ADJUSTING

- A. Adjust manual lens irises to meet lighting conditions.

3.04 CONTRACTOR SITE DEMONSTRATION

- A. Provide voting computer hardware/software demonstration showing compliance with specification at contractor location prior to installation at site, must include operation of all major parts of system.
- B. Demonstrate system operation and provide eight hours of instruction with manufacturer's training personnel at contractors site.

3.05 FINAL DEMONSTRATION

- A. Provide systems demonstration showing compliance with specification.
- B. Demonstrate system operation and provide a refresher eight hours of instruction with **qualified** training personnel.

C. Conduct walking tour of project and briefly describe function, operation, and maintenance of each component.

END OF SECTION

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

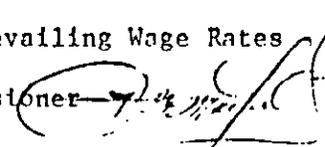
MEMORANDUM

RECEIVED

TO: Recipients of 1991 - 1992 Prevailing Wage Rates

MAR 30 1992

FROM: F.T. MacDonald, Labor Commissioner

 DIRECTOR OF GENERAL SERVICES

SUBJECT: Addendum VII

DATE: March 24, 1992

On February 27, 1992 this office held a hearing regarding the Elevators Prevailing Wage Rates, pursuant to N.R.S. Chapter 338.

The resulting prevailing wage rates are included within the attached "Addendum VII.

A clerical error was discovered regarding the millwright rates.

If you have any questions, please contact this office at (702) 687-4850.

Attachment

FTM:jh

Addendum VII - Prevailing Wage Rates
Effective 4/1/92 to 9/30/92

I. For Washoe County:

<u>Elevator Constructors</u>	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Mechanic in Charge	\$41.41	\$6.12	\$47.53
Mechanic	36.81	6.12	42.93
Helper	25.29	6.12	31.41
Probationary Helper	18.06	6.12	24.18

II. For All Counties:

<u>Millwrights</u>	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Millwright	\$21.41	\$5.00	\$26.41
Welder	21.76	5.00	26.76
Foreman	23.16	5.00	28.16
Foreman Over Welder	23.55	5.00	28.55
General Foreman	25.09	5.00	30.09
General Foreman Over Welder	25.52	5.00	30.52

Add Zone Rates as listed for Carpenters

10th FLOOR, STATE 950 NEVADA

OFFICE OF THE LABOR COMMISSIONER
1445 Hot Springs Road, Suite 100
Carson City, Nevada 89710
(702) 887-4050

M E M O R A N D U M

TO: Interested Parties

FROM: F. T. MacDONALD, LABOR COMMISSIONER 

SUBJECT: "Looping"

DATE: December 16, 1991

A notice was mailed by this office earlier this month addressing a new interpretation relative to the "looping" of material delivery drivers on public works projects.

The subject of said notice was addressed by the United States Court of Appeals for the District of Columbia Circuit, case #90-5341 (The Midway Decision), declaring that "on-site" workers were eligible to receive prevailing wages and "off-site" workers were not.

In view of the above decision, please disregard my original notice declaring both on and off site workers were eligible.

If you have any questions, please feel free to call.

RECEIVED

DEC 23 1991

DIRECTOR OF GENERAL SERVICES

Attachment V - Prevailing Wage Rates
Effective 1-1-92 to 9-30-92

I. Washoe County:

	BASE	FRINGE	TOTAL
Fence Erector	\$27.70	-0-	\$27.70

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

MEMORANDUM

TO: Recipients of 1991-1992 Prevailing Wage Rates
FROM: Jana Wiggins, Chief Assistant *JW*
SUBJECT: Addendum IV
DATE: November 6, 1991

Please attach this Addendum to the rates you have received.

If you have any questions, please feel free to contact this officer at 687-4850.

Thank you.

JJW:jh

Attachment

ADDENDUM 4
EFFECTIVE 11-15-91 TO 9-30-91

FOR CARSON CITY, CHURCHILL COUNTY, DOUGLAS COUNTY, ELKO COUNTY, EUREKA COUNTY, HUMBOLDT COUNTY, LANDER COUNTY, LYON COUNTY, MINERAL COUNTY, PERSHING COUNTY, STOREY COUNTY, WASHOE COUNTY AND WHITE PINE COUNTY; THE FOLLOWING RATES APPLY:

<u>OPERATING ENGINEERS</u>				
ADD	Foreman -----	23.25	8.01	31.26
ZONE	Group 1 -----	16.12	8.01	24.13
RATES	Group 1A -----	18.88	8.01	26.89
	Group 2 -----	19.41	8.01	27.42
ADD	Group 3 -----	19.68	8.01	27.69
ZONE	Group 4 -----	20.42	8.01	28.43
RATES	Group 5 -----	20.72	8.01	28.73
	Group 6 -----	20.89	8.01	28.90
ADD	Group 7 -----	21.14	8.01	29.15
ZONE	Group 8 -----	21.73	8.01	29.74
RATES	Group 9 -----	22.05	8.01	30.06
	Group 10 -----	22.40	8.01	30.41
ADD	Group 10A -----	22.59	8.01	30.60
ZONE	Group 11 -----	22.83	8.01	30.84
RATES	Group 11A -----	24.47	8.01	32.48
	Group 11B -----	25.28	8.01	33.29
<u>OPERATING ENGINEERS CLASSIFICATIONS FOR STEEL FABRICATORS & ERECTORS</u>				
	Group 1 -----	31.26	8.01	39.27
ADD	Group 1 Truck Crane Oiler-----	25.04	8.01	33.05
ZONE	Group 1 Oiler-----	23.12	8.01	31.13
RATES	Group 2-----	29.74	8.01	37.75
	Group 2 Truck Crane Oiler-----	24.83	8.01	32.84
	Group 2 Oiler-----	22.91	8.01	30.92
ADD	Group 3 -----	28.50	8.01	36.51
ZONE	Group 3 Truck Crane Oiler-----	24.61	8.01	32.62
RATES	Group 3 Hydraulic Oiler -----	24.28	8.01	32.29
	Group 3 Oiler-----	22.69	8.01	30.70
	Group 4-----	26.78	8.01	34.79
	Group 5-----	25.67	8.01	33.68
<u>OPERATING ENGINEERS CLASSIFICATIONS FOR PILEDRIVERS</u>				
	Group 1-----	30.70	8.01	38.71
ADD	Group 1 Truck Crane Oiler-----	24.76	8.01	32.77
ZONE	Group 1 Oiler-----	22.84	8.01	30.85
RATES	Group 2-----	29.18	8.01	37.19
	Group 2 Truck Crane Oiler-----	24.56	8.01	32.57
	Group 2 Oiler-----	22.63	8.01	30.64
	Group 3-----	27.74	8.01	35.75
	Group 3 Truck Crane Oiler-----	24.33	8.01	32.34
ADD	Group 3 Oiler-----	22.41	8.01	30.42
ZONE	Group 4-----	26.22	8.01	34.23
RATES	Group 5 -----	25.11	8.01	33.12
	Group 6 -----	24.00	8.01	32.01
	Group 7-----	23.04	8.01	31.05
	Group 8-----	22.08	8.01	30.09

SEE ZONE RATES AS LISTED IN PREVAILING WAGE RATES.

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

MEMORANDUM

TO: Recipients of 1991-1992 Prevailing Wage Rates
FROM: Jana Wiggins, Chief Assistant *JJW*
SUBJECT: Addendum III Amendment
DATE: October 30, 1991

Please destroy Addendum III immediately and replace it with Amended Addendum III.

If you have any questions, please feel free to contact this office at 687-4850.

Thank you.

JJW:jh

Attachment

AMENDED

Addendum III - Prevailing Wage Rates
Effective 11-1-91 to 9-30-92

I. For the following Counties:

Carson City, Churchill, Douglas, Mineral and Nye

	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Drywall - - - - -	\$18.70	\$4.20	\$22.90
Add Zone Rates as listed for Carpenters			

II. For the following Counties:

Carson City, Churchill, Douglas, Esmeralda, Humboldt,
Lander, Lyon, Mineral, Pershing, Storey and Washoe

Ironworker

	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Reinforcing, Ornamental and Structural- - - - -	\$23.44	\$8.36	\$31.80
Foreman- - - - -	24.94	8.36	33.30
General Foreman- - - - -	26.44	8.36	34.80

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

MEMORANDUM

TO: Recipients of 1991-1992 Prevailing Wage Rates
FROM: Jana Wiggins 
SUBJECT: Addendum II and III
DATE: October 28, 1991

Please attach these addendums to the rates you have received.

If you have any questions, please feel free to contact this
office at 687-4850.

Thank you.

JJW:jh

Attachment

Addendum III - Prevailing Wage Rates
Effective 11-1-91 to 9-30-92

I. For the following Counties:

Carson City, Churchill, Douglas, Mineral and Nye

	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Drywall - - - - -	\$18.70	\$4.20	\$22.90
Add Zone Rates as listed for Carpenters			

II. For the following Counties:

Carson City, Churchill, Douglas, Esmeralda, Humboldt,
Lander, Lyon, Mineral, Pershing, Storey and Washoe

Ironworker

	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Reinforcing, Ornamental and Structural - - - - -	\$23.44	\$8.36	\$31.80
Foreman - - - - -	24.94	8.36	33.30
General Foreman - - - - -	26.44	8.36	34.00

Addendum II - Prevailing Wage Rates
Effective 11-1-91 to 9-30-92

1. All Counties:

Delete the classification of Cabinet Maker.

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

MEMORANDUM

TO: Recipients of 1991 - 1992 Prevailing Wage Rates
FROM: Jana Wiggins *JW*
SUBJECT: Addendum II
DATE: October 22, 1991

Please attach this addendum to the rates you have received.

If you have any questions, please feel free to contact this office at 687-4850.

Thank you.

JJW:jh

Attachment

Addendum II - Prevailing Wage Rates
Effective 11-1-91 to 9-30-92

1. All Counties:

Delete the classification of Cabinet Maker.

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

CLARK COUNTY
PURCHASING DEPT.

MEMORANDUM

OCT 21 12 07 PM '91

RECEIVED

TO: Recipients of 1991-1992 Prevailing Wage Rates
FROM: Jana Wiggins *JW*
SUBJECT: Addendum I
DATE: October 18, 1991

Please attach this Addendum to the rates you have received.

If you have any questions, please feel free to contact this office at 687-4850.

Thank you.

JJW:jh

Attachment

Addendum I - Prevailing Wage Rates
Effective 11-1-91 to 9-30-92

I. All Counties:

Add the following classification to Marble Masons;

	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Helper - - -	-\$12.90	\$2.45	\$15.35

II. Clark, Esmeralda, Lincoln and White Pine Counties:

Add the following classification to Tile and Terrazo Workers;

	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Helper - - -	-\$12.90	\$2.45	\$15.35

III. Lyon County:

	<u>Base</u>	<u>Fringe</u>	<u>Total</u>
Drywaller - -	\$18.70	\$4.20	\$22.90

Add Carpenter Zone Rates listed on Page 8.

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

MEMORANDUM

TO: Recipients of the 1991/1992 Clark County Prevailing Wage Rates
FROM: Jana Wiggins, Chief Assistant *JW*
SUBJECT: 1991/1992 Clark County Prevailing Wage Rates
DATE: October 1, 1991

If you will notice on page one and page two of your 1991/1992 prevailing wage rates, it shows that the effective date of the wages are from October 1, 1990 to September 30, 1991. Those are in fact the wages from last year.

Enclosed are the correct page one, page two and the correct 'Table of Contents'.

We regret the problems this may have caused. Please replace the pages and notify anyone you may have distributed the rates to.

Thankyou.

CLARK COUNTY
PURCHASING DEPT.

OCT 4 12 35 PM '91

RECEIVED

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CEMENT MASONS	1
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CLARK COUNTY

	<u>BASE</u> <u>RATE</u>	<u>FRINGE</u> <u>BENEFITS</u>	<u>TOTAL</u>
<u>AIR BALANCE TECHNICIANS</u>			
Journeyman-----	23.74	6.38	30.12
Foreman-----	25.74	6.38	32.12
General Foreman-----	28.24	6.38	34.62
<u>ALARM INSTALLERS</u>			
Journeyman-----	8.50	0.00	8.50
<u>ASBESTOS WORKERS (INSULATORS)</u>			
<u>HAZARDOUS MATERIAL APPLICATION AND REMOVAL</u>			
Mechanic-----	29.50	5.74	35.24
Foreman-----	31.00	5.74	36.74
General Foreman-----	32.00	5.74	37.74
Removal refers to removal of hazardous material from <u>mechanical</u> systems.			
<u>BOILERMAKERS</u>			
Journeyman-----	20.66	0.00	20.66
<u>BRICKLAYERS</u>			
Bricklayer-----	17.50	2.45	19.95
Foreman Supervising 2-5 Journeymen-----	18.00	2.45	20.45
Foreman supervising 6 or more journeymen-----	18.50	2.45	20.95
<u>CABINET MAKER</u>			
Journeyman-----	11.20	0.00	11.20
<u>CARPENTERS</u>			
Carpenter-----	20.41	5.00	25.41
Pile Driver-----	20.61	5.00	25.61
Welder-----	20.76	5.00	25.76
Foreman-----	22.08	5.00	27.08
General Foreman-----	22.25	5.00	27.25
SEE ZONE RATES ON PAGE 7.			
<u>CEMENT MASONS</u>			
Cement Mason-----	20.23	4.20	24.43
Foreman-----	21.48	4.20	25.68
General Foreman-----	23.27	4.20	27.47
<u>COMMUNICATION ELECTRONIC TECHNICIAN</u>			
Journeyman-----	10.11	0.00	10.11
<u>ADD ZONE RATES</u>			
<u>DRYWALLERS</u>			
Journeyman-----	20.41	5.00	25.41
SEE CARPENTERS ZONE RATES PAGE 7.			

CLARK COUNTY

		<u>BASE</u>	<u>FRINGE</u>	<u>TOTAL</u>
		<u>RATE</u>	<u>BENEFITS</u>	
<u>ELECTRICIANS</u>				
	Wireman & Technician-----	22.05	7.84	29.89
	Cable Splicer-----	22.38	7.85	30.23
	Wireman Welder-----	22.38	7.85	30.23
	Foreman-----	24.48	7.93	32.41
	General Foreman-----	26.90	8.04	34.94
<u>ELECTRICIANS - LINE</u>				
ADD	Lineman, Technician-----	21.77	3.87	25.64
ZONE	Operator-----	19.59	3.79	23.38
RATES	Groundman-----	16.33	3.65	19.98
	Foreman-----	24.16	3.96	28.12
	General Foreman-----	26.56	4.07	30.63
SEE ZONE RATES ON PAGE 7.				
<u>ELECTRICIANS - NEON SIGN</u>				
	Electrician, Fabricator, Glass Blower, Welder, Painter, Plastic Fabricator, Layout-----	18.82	0.75	19.57
	Foreman-----	19.17	.77	19.94
	Helper-----	6.59	0.13	6.72
<u>ELEVATOR CONSTRUCTORS</u>				
	Mechanic-----	27.73	6.12	33.85
	Mechanic in Charge-----	31.20	6.12	37.32
	Helper-----	19.42	6.12	25.54
	Probationary Helper-----	12.84	.08	12.92
<u>FENCE ERECTOR</u>				
	Fence Erector -----	10.79	0.00	10.79
<u>FLOOR COVERERS</u>				
	Floor Coverer-----	20.47	3.62	24.09
	Foreman-----	21.47	3.62	25.09
<u>GLAZIERS</u>				
	Glazier-----	27.26	0.00	27.26
<u>HIGHWAY STRIPER</u>				
	Journeyman-----	9.50	0.00	9.50
<u>HOD CARRIERS - BRICK MASON TENDERS</u>				
	Hod Carrier - Brick Mason Tender--	15.00	2.50	17.50
	Foreman-----	16.00	2.50	18.50
<u>HOD CARRIERS - PLASTERER TENDERS</u>				
	Hod Carrier - Plasterer Tender ---	18.86	4.44	23.30
	Foreman - Hod Carrier-----	19.86	4.44	24.30
	Hod Carrier Working with Gun-----	20.93	4.44	25.37

EFFECTIVE 10/1/91 TO 9/30/92

STATE OF NEVADA
OFFICE OF
LABOR COMMISSIONER

MEMORANDUM

TO: All Interested Parties
FROM: Jana Wiggins, Chief Assistant
SUBJECT: Prevailing Wage Rates
DATE: September 26, 1991

Please find enclosed the 1991-1992 Prevailing Wage Rates that you requested.

SPECIAL NOTE

Prevailing wage rates for public works projects are published once annually. If a wage determination expires between bid opening and the award of a contract for a public works project, the Labor Commissioner, upon written request from the Awarding Body, will allow the prevailing wage rates used in the Bid Specifications to be used for the duration of the project. (N.A.C. 338.040)

If you do not find a rate for a specific trade you will be using on a public works project, please contact the Office of the Labor Commissioner and we will be happy to assist you. Our address is:

1445 Hot Springs Road, Ste. 108
Carson City, Nevada 89710

Our telephone number is:

(702) 687-4850

For long distance calls within the state, you may call toll free:

1-800-992-0900
Extension 4850

Thank you.

JJW:jh

CLARK COUNTY

PREVAILING WAGE RATES

FOR

PUBLIC WORKS

STATE OF NEVADA

10/1/91

through

9/30/92

Robert Miller
Governor

F. T. MacDonald
Labor Commissioner

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CLARK COUNTY

	BASE RATE	FRINGE BENEFITS	TOTAL
<u>AIR BALANCE TECHNICIANS</u>			
Sheet Metal Worker-----	22.92	6.05	28.97
Foreman-----	24.92	6.05	30.97
General Foreman-----	26.92	6.05	32.97
<u>ALARM INSTALLERS</u>			
Journeyman-----	8.50	0.00	8.50
<u>ASBESTOS (INSULATORS)</u>			
Mechanic - Industrial-----	18.88	6.38	25.26
Foreman - Industrial-----	20.38	6.38	26.76
General Foreman - Industrial-----	21.38	6.38	27.76
Mechanic - Commercial-----	22.65	6.38	29.03
Foreman - Commercial-----	24.15	6.38	30.53
General Foreman - Commercial-----	25.15	6.38	31.53
Helper (Commercial & Industrial)--	13.00	.85	13.85
<p><u>Commercial rates</u> apply to schools, hospitals, office bldg.s, warehouses, condominiums and other such construction. <u>Industrial rates</u> apply to heavy projects, such as; power, chemical, and acid plants; oil refineries; & nuclear facilities. (Effective 10/1/90 to 1/1/91)</p> <p><u>Industrial rates</u> apply to schools, hospitals, office bldg.s, warehouses, condominiums and other such construction. <u>Commercial rates</u> apply to heavy projects, such as; power, chemical, and acid plants; oil refineries; & nuclear facilities. (Effective 1/2/91 to 9/30/91)</p>			
<u>BOILERMAKERS</u>			
Boilermaker - Blacksmith-----	26.18	4.27	30.45
Assistant Foreman-----	26.68	4.27	30.95
Foreman-----	27.43	4.27	31.70
<u>BRICKLAYERS</u>			
Bricklayer-----	18.22	0.00	18.22
<u>CABINET MAKER</u>			
Journeyman-----	11.20	0.00	11.20
<u>CARPENTERS</u>			
Carpenter-----	20.41	4.30	24.71
Pile Driver-----	20.61	4.30	24.91
Welder-----	20.76	4.30	25.06
Foreman-----	22.08	4.30	26.38
General Foreman-----	22.25	4.30	26.55
SEE ZONE RATES ON PAGE 7.			
<u>CEMENT MASONS</u>			
Cement Mason-----	19.63	4.20	23.83
Foreman-----	20.88	4.20	25.08
General Foreman-----	22.58	4.20	26.78
<u>COMMUNICATION ELECTRONIC TECHNICIAN</u>			
Journeyman-----	10.11	0.00	10.11

ADD
ZONE
RATES

CLARK COUNTY

		<u>BASE</u> <u>RATE</u>	<u>FRINGE</u> <u>BENEFITS</u>	<u>TOTAL</u>
ADD	<u>DRYWALLERS</u>			
ZONE	Journeyman-----	20.41	4.30	24.71
RATES	SEE ZONE RATES PAGE 7.			
	<u>ELECTRICIANS</u>			
	Wireman & Technician-----	21.35	7.41	28.76
	Cable Splicer-----	21.68	7.48	29.16
	Wireman Welder-----	21.68	7.41	29.09
	Foreman-----	23.69	7.50	31.19
	General Foreman-----	26.05	7.59	33.64
	<u>ELECTRICIANS - LINE</u>			
ADD	Lineman, Technician-----	20.93	3.84	24.77
ZONE	Operator-----	18.84	3.79	22.63
RATES	Groundman-----	15.70	3.63	19.33
	Foreman-----	23.23	3.93	27.16
	General Foreman-----	25.53	4.03	29.56
	SEE ZONE RATES ON PAGE 7.			
	<u>ELECTRICIANS - NEON SIGN</u>			
	Electrician, Fabricator, Glass Blower, Welder, Painter, Plastic Fabricator, Layout-----	18.82	0.75	19.57
	Foreman-----	19.17	.77	19.94
	Helper-----	6.59	0.13	6.72
	<u>ELEVATOR CONSTRUCTORS</u>			
	Mechanic-----	35.68	5.67	41.35
	Mechanic in Charge-----	40.13	5.67	45.80
	Helper-----	24.51	5.67	30.18
	Probationary Helper-----	17.51	5.67	23.18
	<u>FENCE ERECTOR</u>			
	Fence Erector -----	10.79	0.00	10.79
	<u>FLOOR COVERERS</u>			
	Floor Coverer-----	17.75	2.08	19.83
	Foreman-----	18.59	2.08	20.67
	<u>GLAZIERS</u>			
	Architectural Glazier-----	13.58	3.70	17.28
	Glazier-----	23.66	3.85	27.51
	Foreman-----	24.84	3.85	28.69
	<u>HIGHWAY STRIPER</u>			
	Journeyman-----	9.50	0.00	9.50
	<u>HOD CARRIERS</u>			
	Hod Carrier-----	13.87	0.00	13.87

EFFECTIVE 10/1/90 TO 9/30/91

CLARK COUNTY

BASE FRINGE
RATE BENEFITS TOTAL

IRON WORKERS

Reinforcing, Ornamental & Structural-----	23.44	8.36	31.80
Foreman-----	24.94	8.36	33.30
General Foreman-----	26.44	8.36	34.80

LABORERS

Group 1-----	17.22	3.92	21.14
Group 2-----	17.43	3.92	21.35
Group 3-----	17.53	3.92	21.45
Group 4-----	17.62	3.92	21.54
Group 5-----	17.72	3.92	21.64
Flagperson & Construction Clean-up-	13.22	3.92	17.14
Foreman: \$1.00 above highest Journeyman supervised.			

ADD LATHERERS

ZONE Journeyman-----	20.41	5.00	25.41
RATES SEE CARPENTER ZONE RATES ON PAGE 7.			

MARBLE MASONS

Mechanic-----	18.50	2.45	20.95
Floating marble/mud work-----	17.50	2.45	19.95

MILLWRIGHTS

ADD
ZONE
RATES

Millwright-----	21.41	4.90	26.31
Welder-----	21.76	4.90	26.66
Foreman-----	23.16	4.90	28.06
Foreman over Welder-----	23.55	4.90	28.45
General Foreman-----	25.09	4.90	29.99
General Foreman over Welder-----	25.52	4.90	30.42
SEE MILLWRIGHT ZONE RATES ON PAGE 7.			

OPERATING ENGINEERS

Group 1-----	23.07	7.30	30.37
Group 2-----	23.35	7.30	30.65
Group 3-----	23.64	7.30	30.94
Group 4-----	23.78	7.30	31.08
Group 5-----	24.00	7.30	31.30
Group 6-----	24.11	7.30	31.41
Group 7-----	24.23	7.30	31.53
Group 8-----	24.40	7.30	31.70
Group 9-----	24.50	7.30	31.80
Group 10-----	24.53	7.30	31.83
Group 11-----	24.61	7.30	31.91
Group 12-----	24.73	7.30	32.03
Group 13-----	24.90	7.30	32.20
Group 14-----	25.00	7.30	32.30
Group 15-----	25.11	7.30	32.41

CLARK COUNTY

	<u>BASE</u> <u>RATE</u>	<u>FRINGE</u> <u>BENEFITS</u>	<u>TOTAL</u>
<u>OPERATING ENGINEERS - CONTINUED</u>			
Group 16-----	25.23	7.30	32.53
Group 17-----	25.40	7.30	32.70
Group 18-----	25.50	7.30	32.80
Group 19-----	25.61	7.30	32.91
Group 20-----	25.73	7.30	33.03
Group 21-----	25.90	7.30	33.20
<u>OPERATING ENGINEERS - CRANES, PILEDRIVING & HOISTING EQUIPMENT</u>			
Group 1-----	23.07	7.30	30.37
Group 2-----	23.35	7.30	30.65
Group 3-----	23.64	7.30	30.94
Group 4-----	23.78	7.30	31.08
Group 5-----	24.00	7.30	31.30
Group 6-----	24.11	7.30	31.41
Group 7-----	24.23	7.30	31.53
Group 8-----	24.40	7.30	31.70
Group 9-----	24.57	7.30	31.87
Group 10-----	25.57	7.30	32.87
Group 11-----	26.57	7.30	33.87
Group 12-----	27.57	7.30	34.87
Group 13-----	28.57	7.30	35.87
<u>OPERATING ENGINEERS - SURVEYORS</u>			
Group 1-----	23.64	7.30	30.94
Group 2-----	23.78	7.30	31.08
Group 3-----	24.00	7.30	31.30
Group 4-----	24.28	7.30	31.58
Group 5-----	24.40	7.30	31.70
Group 6-----	24.50	7.30	31.80
Group 7-----	24.53	7.30	31.83
Group 8-----	24.90	7.30	32.20
Group 9-----	25.03	7.30	32.33
Group 10-----	25.53	7.30	32.83
<u>OPERATING ENGINEERS - TUNNEL</u>			
Group 1-----	23.57	7.30	30.87
Group 2-----	23.85	7.30	31.15
Group 3-----	24.14	7.30	31.44
Group 4-----	24.28	7.30	31.58
Group 5-----	24.50	7.30	31.80
Group 6-----	24.61	7.30	31.91
Group 7-----	24.73	7.30	32.03
Group 8-----	24.90	7.30	32.20
Group 9-----	25.03	7.30	32.33

CLARK COUNTY

BASE FRINGE
RATE BENEFITS TOTAL

PAINTERS

Brush & Roller Painter, Spray Painter, Paperhanger, Sandblaster, Pot Tender, Nozzleman, Marbleizing, Metal Leafing, Sign Painting, Acid Staining, Graining, Buffing and Hazard-----

	21.41	2.72	24.13
Structural Steel Painter (Brush), Structural Steel Painter (Spray), Sandblaster - Structural Steel, Buffing Steel -----	21.76	2.72	24.48
Steeplejack-----	23.16	2.72	25.88
Special Coating-----	22.41	2.72	25.13
Foreman-----	\$1.85 above highest paid Journeyman supervised.		

PLASTERERS

Plasterer-----	20.66	4.20	24.86
Foreman-----	22.16	4.20	26.36
General Foreman-----	22.93	4.20	27.13

PLUMBERS

Plumber - Commercial -----	22.30	5.12	27.42
Helper - Commercial -----	9.00	2.37	11.37
Foreman - Commercial-----	24.81	5.12	29.93
General Foreman - Commercial-----	27.06	5.12	32.18
Plumber - Industrial -----	23.00	5.12	28.12
Foreman - Industrial -----	25.58	5.12	30.70
General Foreman - Industrial-----	27.90	5.12	33.02

Commercial rates apply to any facility with a public entrance.
Industrial rates apply on heavy construction such as dams, power plants, water treatment plants, etc.

PLUMBER IRRIGATION

Plumber-----	14.03	4.13	18.16
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REFRIGERATION

Journeyman-----	23.00	5.12	28.12
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ROOFERS

Roofer-----	15.52	1.66	17.18
Foreman-----	16.78	1.66	18.44
Helpers-----	7.47	.10	7.57

SHEET METAL WORKERS

Sheet Metal Worker-----	23.74	6.38	30.12
Foreman-----	25.74	6.38	32.12
General Foreman-----	28.24	6.38	34.62

CLARK COUNTY

	<u>BASE RATE</u>	<u>FRINGE BENEFITS</u>	<u>TOTAL</u>
<u>SPRINKLER FITTERS</u>			
Sprinkler Fitter-----	23.45	4.83	28.28
Foreman-----	24.70	4.83	29.53
<u>TAPERS</u>			
Journeyman-----	21.41	2.72	24.13
<u>TEAMSTERS</u>			
Group 1-----	17.83	4.09	21.92
Group 2-----	17.94	4.09	22.03
Group 3-----	17.99	4.09	22.08
Group 4-----	18.15	4.09	22.24
Group 5-----	18.33	4.09	22.42
Group 6-----	18.48	4.09	22.57
Foreman-----	\$.75 over highest Journeyman supervised.		
All off road vehicles-----	18.83	4.09	22.92
<u>TILE & TERRAZZO WORKERS</u>			
Mechanic-----	18.50	2.45	20.95
Floating/mud work-----	17.50	2.45	19.95
<u>TRAFFIC BARRIER ERECTOR</u>			
Traffic Barrier Erector-----	17.22	3.92	21.14
<u>WELL DRILLERS</u>			
Driller-----	16.61	7.30	23.91
Helper-----	12.95	7.30	20.25

EFFECTIVE 10/1/91 TO 9/30/92

CARPENTER ZONE RATES

In addition to the rates listed above for Carpenters (pg.1), Drywallers (pg.1), Drywallers (pg.1) and Latherers (pg.3) for all construction, add the following applicable amounts:

- Zone #1 - 20 mile radius around Las Vegas (measured from the intersection of Maryland Parkway and Charleston Blvd.)
= Free Zone.
- Zone #2 - 20 to 40 mile radius from the intersection of Maryland Parkway and Charleston Blvd.
= \$1.50 per hour above base rate.
- Zone #3 - Over 40 mile radius from the intersection of Maryland Parkway and Charleston Blvd.
= \$3.25 per hour above base rate.
- Laughlin - \$2.00 per hour above base rate.

No zone rate shall be paid if a workman has been a bona fide resident for a period of six (6) months prior to employment, in one of the areas described below: Pahrump, Caliente, Pioche, Overton, Logandale, Laughlin, Mesquite, Alamo, Beatty, Indian Springs, Lathrop Wells, Tonopah; if the residence is within 20 miles from the post office in each community.

ELECTRICIAN ZONES RATES

In addition to the Electrician - Line hourly rates listed on page 2, add the following applicable amounts:

- Zone #1 - 15 mile radius from Main and Fremont Street = Free Zone
- Zone #2 - 15 to 35 mile radius from Main and Fremont Street:
 - Lineman, Technician: add \$1.00 Foreman: add \$1.11
 - Operator: add \$.90 General Foreman: add \$1.22
 - Groundman: add \$.75
- Zone #3 - 35 to 55 miles radius from Main and Fremont Street:
 - Lineman, Technician: add \$2.00 Foreman: add \$2.22
 - Operator: add \$1.80 General Foreman: add \$2.44
 - Groundman: add \$1.50
- Zone #4 - Beyond the 55 mile radius from Main and Fremont Street:
 - Lineman, Technician: add \$3.00 Foreman: add \$3.33
 - Operator: add \$2.70 General Foreman: add \$3.66
 - Groundman: add \$2.25

MILLWRIGHTS ZONE RATES

In addition to the Millwrights rates listed on Page 3, for all construction, add the following applicable amounts:

- Zone #1 - 0 - 20 mile radius from the intersection of Maryland Parkway and Charleston Blvd. = Free Zone.
- Zone #2 - 20 to 40 mile radius from the intersection of Maryland Parkway and Charleston Blvd.
= \$1.50 per hour above base rate.
- Zone #3 - Over 40 mile radius from the intersection of Maryland Parkway and Charleston Blvd.
= \$3.25 per hour above base rate.

LABORERS CLASSIFICATIONS

GROUP 1

Dry packing of concrete & filling of formbolt holes
Fine grader, highway & street paving, airport runways & similar
type heavy construction
Gas & oil pipeline laborer
Guinea chaser
Laborer, asbestos removal (non-mechanical)
Laborer, general, construction
Laborer, packing rod steel & pans
Laborer, temporary water lines (portable type)
Landscape gardener and nurseryman
Tarmen and mortarman, kettelman, potman and man applying asphalt, lay-kold creosote, lime,
and similar type materials ("applying" means applying, dipping, brushing or handling of
such materials for pipewrapping and waterproofing)
Underground laborer, including caisson bellowers
Window cleaner

GROUP 2

Asphalt raker, ironer, spreader, luteman
Buggymobile man
Cement dumper (on one yard or larger mixers & handling bulk cement)
Cesspool digger and installer
Chucktender (except tunnels)
Concrete core cutter
Concrete curer, impervious membrane & oiler of all materials
Concrete saw man, excluding tractor type, cutting, scoring old or new concrete
Gas and oil wrapper, pot tender and form man
Making and caulking of all non-metallic pipe joints
Operators and tenders of pneumatic and electric tools, vibrating machines,
hand propelled trenching machines, impact wrench multiplate and similar mechanical tools
not separately classified herein.
Operator of cement grinding machine
Riprap stonepaver
Roto-scraper
Sandblaster (pot tender)
Scaler
Septic tank digger and installer (lead man)
Tank scaler and cleaner
Tree climber, faller, chain saw operator, Pittsburgh chipper and similar type brush shredders

GROUP 3

Concrete vibrator operator
Cutting torch operator
Gas and oil pipeline laborer, certified
Gas and oil pipeline wrapper
Jackhammer and/or pavement breaker
Laying of all non-metallic pipe, including sewer pipe, drain pipe, underground tile and landscape
sprinklers
Hudcutter
Scaler (using bos'n chair or safety belt or power tools)

GROUP 4

Cribber or shorer, lagging, sheeting, trench bracing, hand guided lagging hammer
Head rock slinger
Powderman-blaster, all work of loading holes, placing and blasting of all powder and explosives of
whatever type, regardless of method used for such loading and placing
Sandblaster (nozzleman)
Steel header-board man

GROUP 5

Driller (core, diamond or wagon), Joy driller model TH-M-2A, Gardner-Denver model DH 143 and
similar type drills
Gas and oil pipeline - fusion
Gas and oil pipeline wrappers, 6" pipe and over

OPERATING ENGINEERS CLASSIFICATIONS

GROUP 1

Bargeman
Brakeman
Compressor operator
Ditch witch, with seat, or similar type equipment
Elevator operator - inside
Engineer oiler
Generator operator
Generator, pump or compressor plant operator
Heavy duty repairman helper
Pump operator
Signalman
Switchman

GROUP 2

Concrete mixer operator - skip type
Conveyor operator
Fireman
Hydrostatic pump operator
Oiler crusher - asphalt or concrete plant
Rotary drill helper (oilfield)
Skiploader - wheel type up to 3/4 yard, without attachment
Tar pot fireman
Temporary heating plant operator
Trenching machine oiler

GROUP 3

Equipment greaser-rack
Ford Ferguson - with dragtype attachments
Helicopter radioman - ground
Power concrete curing machine operator
Power concrete saw operator
Power-driver jumbo form setter operator
Stationary pipe wrapping and cleaning machine operator

GROUP 4

Asphalt plant fireman
Backhoe operator (Mini-max or similar type)
Boring Machine Operator
Boxman or Mixerman (Asphalt or Concrete)
Chip spreading machine operator
Concrete pump operator (small portable)
Drilling Machine Operator, Small Auger Types (Texoma Super Economic, or similar types - Hughes 100 or 200, or similar types - drilling depth of 30" maximum)
Equipment greaser (grease truck)
Guard Rail Post Driver Operator
Highline Cableway Signalman
Hydra-hammer - Aerostomper
Power sweeper operator
Roller operator (compacting)
Screed operator (asphalt or concrete)
Trenching machine operator (up to 8 feet)

GROUP 5

Asphalt plant engineer
Batch plant operator
Bit sharpener
Concrete joint machine operator (canal & similar type)
Concrete planer operator
Deck engine operator
Derrickman (oilfield type)

EFFECTIVE 10/1/91 TO 9/30/92

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OPERATING ENGINEERS - CONTINUED

GROUP 5 - CONTINUED

Drilling machine operator, bucket or auger types (Caldwell 100 Bucket or similar types - Watson 1000 Auger or similar types - Texoma 330, 500 or 600 Auger or similar types - drilling depth of 45' maximum)
Drilling Machine Operator (including water wells)
Hydrographic seeder machine operator (straw, pulp or seed)
Jackson Track Maintainer, or similar type
Kalaeazoo switch tamper, or similar type
Machine tool operator
Maginnis internal full slab vibrator
Mechanical berm, curb or gutter (concrete or asphalt)
Mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar)
Pavement breaker operator
Road oil mixing machine operator
Roller operator (asphalt or finish)
Rubber-tired earth moving equipment (single engine, up to & including 25 yds. struck)
Self-propelled tar pipelining machine operator
Skiploader operator (crawler & wheel type, over 3/4 yds. and up to and including 1 - 1/2 yds.)
Slip form pump operator (power driven hydraulic lifting device for concrete forms)
Tractor operator - bulldozer, tamper-scraper (single engine up to 100 h.p., flywheel & similar types, up to and including D-5 and similar type)
Tugger Hoist (1 drum)
Welder (general)

GROUP 6

Asphalt or concrete spreading operator (tamping or finishing)
Asphalt paving machine operator (Barber Greene or similar types)
Backhoe operator (up to & including 3/4 yds.) Small Ford, Case or similar.
Cast in place pipelaying machine operator
Combination mixer and compressor operator (gunite work)
Compactor operator - self-propelled
Concrete mixer operator - paving
Crushing plant operator
Drill doctor
Drilling Machine Operator, Bucket or Auger Types (Caldwell 150 Bucket or or similar types - Watson 1500, 2000, 2500 Auger or similar types - Texoma 700, 800 Auger or similar types - drilling depth of 60' maximum)
Elevating grader operator
Grade checker
Gradall operator
Grouting machine operator
Heavy duty repairman
Kalaeazoo balliste regulator (or similar type)
Kolman belt loader & similar type
LeFourneau bolt compactor or similar type
Loader operator (Athey, Euclid, Sierra & similar types)
Pneumatic concrete placing machine operator (Hackley-Presswell or similar type)
Pumpcrete gun operator
Rotary drill operator (excluding Caisson type)
Rubber-tired earth moving equipment operator (single engine, Caterpillar, Euclid, Athey Wagon & similar types with any and all attachments over 25 yds. and up to and including 50 cubic yards struck)
Rubber-tired earth moving equipment operator (multiple engine up to and including 25. yds. struck)
Rubber-tired scraper operator (self-loading - paddle wheel type - John Deere, 1040 & similar single unit)
Self-propelled curb and gutter machine operator
Skiploader operator (crawler & wheel type - over 1 1/2 yds. up to and including 6 1/2 yds.)
Surface heaters and planer operator
Tractor compressor drill combination operator
Tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar - Bull Dozer, Tamper, Scraper and Push Tractor, single engine)
Tractor operator (boom attachments)
Traveling pipe wrapping, cleaning and bending machine operator
Trenching machine operator (over 6 foot depth capacity, manufacturer's rating)

EFFECTIVE 10/1/91 TO 9/30/92

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OPERATING ENGINEERS - CONTINUED

GROUP 7

Drilling Machine Operator, Bucket or Auger Types (Caldwell 200 Bucket or or similar types - Watson 3000 or 5000 Auger or similar types - Texoma 900 Auger or similar types - drilling depth of 105' maximum)
Dual drum mixer
Heavy Duty repairman - welder combination
Honorail locomotive operator (diesel, gas or electric)
Motor patrol - blade operator (single engine)
Multiple engine tractor operator (Euclid & similar type - except Quad 9 cat)
Pre-Stressed Wrapping Machine Operator
Rubber-tired earth moving equipment operator (single engine, over 50 yds. struck)
Rubber-tired earth moving equipment operator (multiple engine
Euclid, Caterpillar & similar type - over 25 yds. and up to 50 yds. struck)
Tower crane repairman
Tractor loader operator (crawler and wheel-type over 6 1/2 yds.)
Welder, certified
Woods mixer operator (& similar Pughill equipment)

GROUP 8

Auto grader operator
Automatic slip form operator
Drilling Machine Operator, Bucket or Auger Types (Caldwell, Auger 200 CA or or similar types - Watson, Auger 6000 or similar types - Hughes Super Duty, Auger 200 or similar types - drilling depth of 175 maximum)
Hoe Ram or similar with compressor
Mass excavator operator - less than 750 cubic yards.
Mechanical finishing machine operator
Mobile form traveler operator
Motor patrol (multiple engine)
Pipe mobile machine operator
Rubber-tired earth moving equipment operator (multiple engine
Euclid, Caterpillar & similar type - over 50 cubic yds. struck)
Rubber-tired scraper operator
Rubber-tired self-loading scraper operator (paddle wheel auger type self-loading
- two [2] or more units)
Vermeer Rock Trencher (or similar type)

GROUP 9

Rubber-Tired earth Moving Equipment Operator, operating equipment with the push-pull system (single engine, up to and including 25 yds. struck.)

GROUP 10

Canal liner operator
Canal trimmer operator
Remote controlled earthmoving equipment operator
Wheel excavator operator (over 750 cubic yards per hour)

GROUP 11

Rubber-tired earth moving equipment operator (single engine
Euclid, Athey Wagon, & similar types with any and all attachments
- over 25 yds. and up to 50 yds. struck)
Rubber-tired earth Moving Equipment Operator, operating equipment with the push-pull system (multiple engine, up to and including 25 yds. struck.)

GROUP 12

Rubber-tired earth moving equipment operator operating equipment with the push-pull system (single engine - over 50 yds. struck)
Rubber-Tired earth Moving Equipment Operator, operating equipment with the push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck.)

OPERATING ENGINEERS - CONTINUED

GROUP 13

Rubber-Tired earth Moving Equipment Operator, operating equipment with the push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 yds. struck.)
Tandem tractor operator (operating crawler type tractors in tandem - Quad 9 and similar type.)

GROUP 14

Rubber-Tired earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combinations, excluding compaction units - single engine, up to and including 25 yds. struck).

GROUP 15

Concrete Pump Operator - truck mounted
Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, Caterpillar, Euclid, Athey Wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)
Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, up to and including 25 cu. yds. struck)

GROUP 16

Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, Caterpillar, Euclid, Athey Wagon, and similar types excluding compaction units - single engine, over 50 cu. yds. struck)
Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar, and similar over 25 yds. and up to 50 cu. yds. struck)

GROUP 17

Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Caterpillar, Euclid, Athey Wagon, and similar types over 50 cu. yds. struck).

GROUP 18

Rubber-tired earth moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)

GROUP 19

Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull system (single engine, Caterpillar, Euclid, Athey Wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck).
Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (multiple engine, up to and including 25 yds. struck)

GROUP 20

Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (single engine, over 50 yds. struck).
Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (multiple engine, Euclid, Caterpillar and similar type, over 25 yds. and up to 50 cu. yds. struck.)

GROUP 21

Rubber-Tired Earth Moving Equipment Operator, Operating equipment with the Tandem Push-Pull System (multiple engine, Euclid, Caterpillar and similar type, over 50 cubic yds. struck).

EFFECTIVE 10/1/91 TO 9/30/92

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OPERATING ENGINEERS - CLASSIFICATIONS FOR CRANES, PILEDRIVING & HOISTING EQUIPMENT

- GROUP 1 Engineer Oiler
Forklift Operator (under 5 tons capacity)
- GROUP 2 Truck Crane Oiler
- GROUP 3 A-Frame or Winch Truck Operator
Ross Carrier Operator (Jobsite)
- GROUP 4 Bridge-Type Unloader and Turntable Operator
Helicopter Hoist Operator
- GROUP 5 Stinger Crane (Austin-Western or similar type)
Tugger Hoist Operator (1 drum)
- GROUP 6 Bridge Crane Operator
Cretor Crane Operator (Oiler required)
Forklift Operator (over 5 tons)
Hoist Operator (Chicago Boom and similar type)
Lift Mobile Operator
Lift slab machine operator (Vagtberg & similar type)
Material Hoist Operator
Polar Gantry Crane Operator
Shovel, Backhoe, Dragline, Clamshell Operator
(over 3/4 yd. and up to 5 cu. yds. M.R.C.)
Tugger Hoist Operator (2 drum)
- GROUP 7
Pedestal Crane Operator
Shovel, Backhoe, Dragline, Clamshell Operator (Over 5 cu. yds. M.R.C.)
Tower Crane Repairman
Tugger Hoist Operator (3 Drum)
- GROUP 8
Crane Operator (up to and including 25 ton capacity)
Crawler Transporter Operator
Derrick Barge Operator (up to and including 25 ton capacity)
Hoist Operator, Stiff Legs, Guy Derrick and similar type (up to and including 25 ton capacity)
Shovel, Backhoe, Dragline, Clamshell Operator (over 7 cu. yds. M.R.C.)
- GROUP 9
Crane Operator (over 25 tons up to and including 50 ton M.R.C.)
Derrick Barge Operator (over 25 tons, up to and including 50 ton M.R.C.)
Highline Cableway Operator
Hoist Operator, Stiff Legs, Guy Derrick and similar type
(over 25 tons, up to and including 50 ton capacity)
K-Crane
Polar Crane Operator
Tower Crane Operator
- GROUP 10
Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)
Derrick Barge Operator (over 50 tons, up to and including 100 ton M.R.C.)
Hoist Operator, Stiff Legs, Guy Derrick and similar type
(over 50 tons, up to and including 100 ton M.R.C.)
Mobile Tower Crane Operator (over 50 tons, up to and including
100 ton M.R.C.)
- GROUP 11
Crane Operator (over 100 up to and including 200 ton M.R.C.)
Derrick Barge Operator (over 100 tons, up to and including 200 ton M.R.C.)
Hoist Operator, Stiff Legs, Guy Derrick and similar type (over 100 tons, up to and
including 200 ton M.R.C.)
Mobile Tower Crane Operator (over 100 tons, up to and including
200 ton M.R.C.)

EFFECTIVE 10/1/91 TO 9/30/92

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OPERATING ENGINEERS - CLASSIFICATIONS FOR CRANES, PILEDRIVING & HOISTING EQUIPMENT

GROUP 12

Crane Operator (over 200 tons, up to and including 300 ton M.R.C.)
Derrick Barge Operator (over 200 tons, up to and including 300 ton M.R.C.)
Hoist Operator, Stiff Legs, Guy Derrick and similar type
(over 200 tons, up to and including 300 ton M.R.C.)
Mobile Tower Crane Operator (over 200 tons, up to and including
300 ton M.R.C.)

GROUP 13

Crane Operator (over 300 tons)
Derrick Barge Operator (over 300 tons)
Helicopter Pilot
Hoist Operator, Stiff Legs, Guy Derrick and similar type (over 300 tons)
Mobile Tower Crane Operator (over 300 tons)

OPERATING ENGINEERS - SURVEYORS (non-licensed)

GROUP 1: Chainman
GROUP 2: Rodman
GROUP 3: Instrumentman
GROUP 4: Hydrographic Engineering Technician I (Chainman)
GROUP 5: Party Chief
GROUP 6: E.D.M. or Fathometer Instrumentman
GROUP 7: Certified Party Chief
GROUP 8: Hydrographic Engineer Party Chief
GROUP 9: Certified Hydrographic Engineer Party Chief
GROUP 10: Chief of Parties

OPERATING ENGINEERS - TUNNEL CLASSIFICATIONS AND WAGE RATES

GROUP 1: Heavy Duty Repairman Helper
GROUP 2: Skiploader (wheel type up to 3/4 yd. without attachment)
GROUP 3: Chainman
Power-Driver Jumbo Form Setter Operator
GROUP 4: Dinkey Locomotive or Motorman (up to and including 10 tons)
Rodman
GROUP 5: Bit Sharpener
Equipment Greaser (Grease Truck)
Instrumentman
Slip form Pump Operator (power driven hydraulic lifting device
for concrete forms)
Tugger Hoist Operator (1 drum)
Tunnel Locomotive Operator (over 10 and up to and including 30 tons)
Welder-General
GROUP 6: Backhoe Operator (up to and including 3/4 yd., small Ford, Case or similar)
Drill Doctor
Grouting Machine Operator
Heading Shield Operator
Heavy Duty Repairman
Loader Operator (Athey, Euclid, Sierra and similar types)
Mucking Machine Operator (1/4 yd. - rubber-tired, rail or track type)
Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)
Pneumatic heading Shield (tunnel)
Pumpcrete Gun Operator
Tractor Compressor Drill Combination Operator
Tugger Hoist Operator (2 drum)
Tunnel Locomotive Operator (over 30 tons)
GROUP 7: Heavy Duty Repairman-Welder Combination
GROUP 8: Party Chief
GROUP 9: Certified Chief of Party
Tunnel Hole Boring Machine Operator

EFFECTIVE 10/1/91 TO 9/30/92

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TEAMSTERS CLASSIFICATIONS

GROUP 1

Busses, job site, up to 25 passengers
Dump truck - less than 12 yds. water level
Pick up driver
Service station attendant
Service truck driver, teamster equipment
Truck repairman helper
Trucks - less than 15 tons legal payload capacity
Warehouseman
Water & fuel trucks - under 2,500 gallons
Working flat rack driver

GROUP 2

Bootman
Busses, job site more than 25 passengers
Dump trucks - 12 yds. but less than 16 yds. water level
Truck Greaser
Trucks - legal payload capacity between 15 and 20 tons
Gas & oil pipeline working truck drivers,
(includes winch trucks and all size trucks)
Water & fuel trucks - 2,500 gallons to 4,000 gallons

GROUP 3

Dumpcrete truck (less than 6 1/2 yds. water level)
Tireman
Transit mix trucks (under 3 yds.)
Warehouse clerk

GROUP 4

Dump trucks (16 yds. up to and including 22 yds. water level)
Dumpcrete truck (6 1/2 yds. water level and over)
Dumpster truck
Euclid type spreader truck
Forklift driver
Ross carrier driver (highway)
Stock room clerk
Transit mix trucks (3 yds. but less than 6 yds.)
Trucks (20 tons but less than 30 tons legal payload capacity)
Water & fuel trucks (4,000 gallons but less than 6,000 gallons)

GROUP 5

Dump trucks (over 22 yds. water level)
Road oil spreader truck
Transit mix trucks (6 yds. or more)
Trucks (30 tons & over, legal payload capacity)
Highway water & fuel trucks (6,000 gallons and over)

GROUP 6

DW, DW 10 & 20 Euclid-type equipment, LeTourneau Pulls,
Terra Cobras & similar equipment, PB & similar trucks
Truck repairman; all equipment with 7 or more axles



CLARK COUNTY, NEVADA
BID NO. 2796-92
CLARK COUNTY COMMISSION CHAMBER REMODEL

April 30, 1992

ADDENDUM NO. 1

INSTRUCTIONS TO BIDDERS

1. Item 1, Prebid Conference MANDATORY, delete the requirement for mandatory prebid attendance. Bids will be accepted from all bidders; however, site visits are strongly encouraged.
2. Item 9, Notice to Proceed, delete entire section and replace with:

✓ **9. NOTICE TO PROCEED**

A. Notice to Proceed for Work:

After receipt of all required post-bid information, the General Services department will authorize the using department to issue a Notice to Proceed. The using department will issue the Notice to Proceed within forty-five (45) calendar days after authorization by the General Services Department.

3. Item 10, Time: Completion of Project, delete entire section and replace with:

✓ **10. TIME: COMPLETION OF PROJECT**

- A. The successful bidder, upon becoming the Contractor after having entered into a contract with the Owner, shall commence the work to be performed under the Contract on the date set by the Owner in the written Notice to Proceed, continuing the work in accordance with the approved schedule and shall complete the entire work within 90 calendar days after the date of receipt of the Notice to Proceed. Further, separable portions of the work may be subject to milestone or specific dates as established and described on an attachment to the Bid Form. The successful Bidder shall complete all work or separable portions of work in accordance with these specifications.
- B. In addition, where applicable, reference to Time shall be in accordance with Section 108, "Prosecution and Progress" of the Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area, Nevada, 1986 Edition, and revisions thereto.

COMMISSIONERS

Jay Bingham, Chairman • Karen Hayes, Vice-Chairman
Paul J. Christensen, Thalia M. Dondero, William U. Pearson, Don Schlesinger, Bruce L. Woodbury
Donald L. "Pet" Shalmy, County Manager

GENERAL CONDITIONS

- ✓ 4. Item GC.12, Progress Payments, Item 4, delete entire sentence and replace with:

GC.12 PROGRESS PAYMENTS

- 4) Twenty percent (20%) of total costs of materials and equipment will be deducted from any payments made to the Contractor for materials and equipment.

SPECIAL CONDITIONS

- ✓ 5. Item 4, Scheduling of Work, add the following:

4. SCHEDULING OF WORK

- B. There will be no preliminary installation work on this project. All installation on Owners premises will take place after receipt of all materials and equipment.
5. Add Item 29, Site Visitation.

29. SITE VISITATION

Bidders are encouraged to visit the site prior to submittal of bid proposal. Site visitation is scheduled for the following days:

Thursday, May 7, 1992 from 1:30 - 2:00 PM
Monday, May 11, 1992 from 9:00 - 9:30 AM
Friday, May 15, 1992 from 1:30 - 2:00 PM
Monday, May 18, 1992 from 1:30 - 2:00 PM

Bidders are to contact David Laman, Project Manager, telephone number (702) 376-0340, at least twenty-four (24) hours in advance to schedule site visitation for one of the above days and times listed.

NOTE: A second addendum will be issued during the week of May 4, 1992 revising the Technical Specifications for this project. The bid opening date of May 22, 1992 will remain the same.

Issued by: -


TAMMY M. DYE
Senior Buyer

TMD/bc

