

CITY OF MILPITAS

COMMUNITY CENTER AUDITORIUM AV SYSTEM UPGRADE PROJECT NO. 3406

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COMMUNITY CENTER AV Systems Upgrade

The Shalleck Collaborative Inc.
Planning and Design of Theatres and Production Systems
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RECORD DRAWINGS

Project Engineer _____ Date _____

Designer _____ Date _____

Public Works Inspector _____ Date _____

Public Improvements Initially Accepted by the City Council on _____

CITY OF MILPITAS
ENGINEERING DIVISION
Recommended for Bidding by:

Steve Erickson, Capital
Improvement Program Manager

Date _____

Approved for Bidding by:

Steve Machida, Acting Public Works
Director/City Engineer

Date _____

PROJECT #

01/23/15	BID SET

MARK	DATE	DESCRIPTION

PROJECT INFO

ISSUE DATE 01-23-15 DRAWN BY IdH CHECKED BY --	DRAWING NO. AV0.0
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SHEET INDEX:

AV SYSTEMS

- AV0.0 - PROJECT INFORMATION
- AV0.1 - ALS, DEVICE, CONDUIT AND WIRETYPE INFO
- AV1.1 - AV DEMOLITION PLAN
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- ELECTRICAL**
- E0.1 - ELECTRICAL LEGEND, SINGLE LINE DIAGRAM, PANEL SCHEDULES, NOTES AND DETAILS
- E2.1 - ELECTRICAL PLAN
- E6.1 - ELECTRICAL AV DEVICE RCP PLAN

SCOPE OF WORK:

BASE SCOPE: AV SYSTEMS UPGRADE TO INCLUDE WIRING INFRASTRUCTURE, PORTABLE DIGITAL AUDIO MIXING CONSOLE, MICROPHONE AUTOMIXER, 2-CHANNEL HANDHELD WIRELESS MICROPHONES, 2-CHANNEL PRODUCTION INTERCOM, AUDIO MONITORING TO ALL TECHNICAL AREAS, AUDIO REINFORCEMENT/AMPLIFICATION, FM ASSISTED LISTENING SYSTEM WITH (16) RECEIVERS & ACCESSORIES, PROGRAM AUDIO MONITORING TO BACKSTAGE AREAS, TOUCHSCREEN CONTROL SYSTEM, WIRE, PULL AND SYSTEM INTEGRATION AND INSTALLATION.

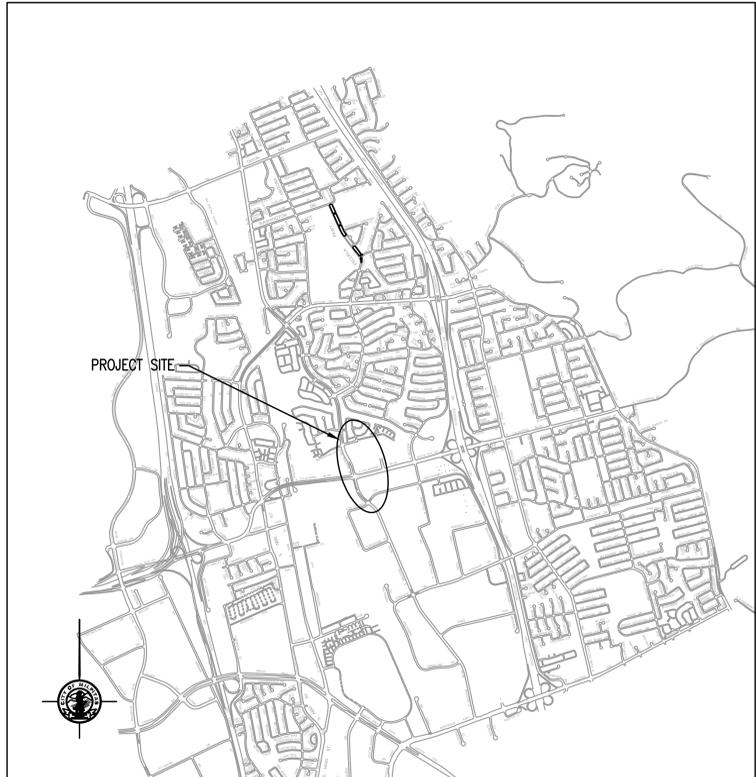
INCLUDES ELECTRICAL POWER FOR NEW AV SYSTEMS, PLUS LOW-VOLTAGE CONDUIT & BACKBOXES FOR AV SYSTEMS.

ADD/ALT #1: INCLUDES ADDITIONAL LOUDSPEAKERS, AMPLIFIERS, AND SIGNAL PROCESSING TO ALLOW AN ALTERNATE "END-STAGE" ROOM CONFIGURATION, WIRE, PULL AND SYSTEM INTEGRATION AND INSTALLATION.

ADD/ALT #2: INCLUDES 8,000 LUMEN HD VIDEO PROJECTOR, MOTORIZED ROLL-DOWN SCREEN, VIDEO SWITCHER WITH REMOTE INPUTS FOR HDMI AND VGA, AND SIMPLE CAMERA MONITORING SYSTEM FOR BACKSTAGE AREAS.

ADD/ALT #3: INCLUDES (16) CHANNEL PORTABLE DIGITAL WIRELESS MICROPHONE SYSTEM WITH BOTH HANDHELD AND BODYPACK TRANSMITTERS AND LAVALIERE ELEMENTS, RECHARGEABLE BATTERIES AND ACCESSORIES, ANTENNA DISTRIBUTION, CASES, AND NECESSARY CABLING.

ADD/ALT #4: ALLOWANCE TO INCLUDE PORTABLE AV EQUIPMENT, SUCH AS MICROPHONES, CABLES, STANDS, PORTABLE LOUDSPEAKERS, PRODUCTION INTERCOM PACKS & HEADSETS, PATCH CABLES, ETC.



PROJECT SITE LOCATION
Not To Scale

GENERAL NOTES:

1. DESIGN INTENT: THESE DRAWINGS AND ACCOMPANYING TECHNICAL SPECIFICATIONS REPRESENT THE GENERAL DESIGN, INTENT TO BE IMPLEMENTED ON THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE ENGINEER FOR ANY ADDITIONAL CLARIFICATION OR DETAILS NECESSARY TO ACCOMMODATE SITE CONDITIONS.
2. CONTRACTOR COORDINATION: CONTRACTOR SHALL COORDINATE AND OTHERWISE INTEGRATE HIS WORK WITH THAT OF OTHERS IN AN EFFICIENT, CRAFTSMANLIKE AND TIMELY MANNER SO AS TO PROVIDE THE CITY WITH A WELL-CONSTRUCTED, EASILY MAINTAINABLE PROJECT. EACH CONTRACTOR SHALL NOTIFY OTHERS AT LEAST TWO WORKING DAYS IN ADVANCE OF COVERING, COMPLETING OR EXPOSING WORK TO BE INSTALLED BY OTHERS.
3. COMPOSITE BASE SHEET: THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS SHEET IS COMPILED FROM A BOUNDARY AND A PARTIAL TOPOGRAPHIC SURVEY, OTHER ARCHITECTURAL AND/OR ENGINEERING DOCUMENTS AND OTHER DATA AS MADE AVAILABLE BY THE SURVEYOR TO THE ENGINEER WHO SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS OR OTHER ERRORS ON THESE DOCUMENTS. THE COMPOSITE BASE SHEET IS PROVIDED ONLY AS AN AID, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME.
4. SITE CONDITIONS: THE CONTRACTOR SHALL EXAMINE AND CHECK ALL EXISTING CONDITIONS, DIMENSIONS, LEVELS AND MATERIALS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
5. STAGING: CONTRACTOR SHALL LIMIT WORK AND STAGING TO PROJECT SITE (CITY PROPERTY).
6. ALL WORK IS NEW UNLESS DENOTED (E) FOR EXISTING.
7. ALL CONSTRUCTION NOT SPECIFICALLY DETAILED SHALL BE BUILT TO CONFORM WITH SIMILAR CONSTRUCTION SHOWN. ALL CONSTRUCTION SHALL BE PER THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE (CBC), 2013 AS ADOPTED BY THE CITY OF MILPITAS MUNICIPAL CODE.
8. ALL MATERIAL AND WORKMANSHIP SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS, LATEST EDITION OF STANDARDS AND ORDINANCES OF THE CITY OF MILPITAS AND THE LATEST STATE STANDARD SPECIFICATIONS. STANDARD DRAWINGS AND DETAILS ARE AVAILABLE AT THE ENGINEERING DEPARTMENT, 408-586-3300.
9. CONTRACTOR MUST NOTIFY THE CITY PROJECT MANAGER 48 HOURS IN ADVANCE BEFORE STARTING ANY WORK FOR THIS PROJECT.
10. ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON ACTUAL FIELD MEASUREMENTS. ALL LOCATIONS OF IMPROVEMENTS NOT SPECIFICALLY DIMENSIONED ARE APPROXIMATE AND SHALL BE FIELD LOCATED PRIOR TO INSTALLATION.
11. CONTRACTOR SHALL MEET WITH PROJECT INSPECTOR AND SIGN OFF ON QUANTITIES WITHIN 48 HOURS OF COMPLETING EACH SEGMENT.
12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND SHALL OBTAIN AN APPROVED CHANGE ORDER PRIOR TO EXCEEDING ESTIMATED QUANTITIES.
13. ALL RESPONSIBLE CONTRACTOR REPRESENTATIVES (CONTRACTOR'S SUPERINTENDENT AND SUBCONTRACTOR'S SUPERINTENDENT WILL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WHICH WILL BE SCHEDULED BY THE CITY PRIOR TO THE COMMENCEMENT OF ANY WORK.
14. CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO THE CITY ENGINEER (AND UPDATE AS REQUIRED PER SPECIFICATIONS) FOR APPROVAL AT LEAST 15 CALENDAR DAYS PRIOR TO THE BEGINNING OF ANY WORK WITHIN THE CONSTRUCTION SITE.
15. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.
16. SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING PUBLIC SAFETY, WORKER SAFETY AND PROPERTY, INCLUDING COMPLIANCE WITH REQUIREMENTS AND PERMIT CONDITIONS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY. (THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING WORKING HOURS) AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THE CONDITIONS, THE ENGINEER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
17. NO CONSTRUCTION IS PERMITTED ON THE FOLLOWING HOLIDAYS: NEW YEARS DAY, MARTIN LUTHER KING BIRTHDAY, PRESIDENT'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING, DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY.
18. CONTRACTOR SHALL MAINTAIN THE PROJECT SITES IN A NEAT AND PROFESSIONAL CONDITION AT ALL TIMES.
19. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF SECTION C-29, "SOUND CONTROL" OF THE PROJECT SPECIFICATIONS. FURTHER, BY THE CITY OF MILPITAS ORDINANCE, THE CONTRACTOR SHALL NOT ENGAGE OR PERMIT OTHERS TO ENGAGE IN ANY CONSTRUCTION RELATED OPERATIONS INCLUDING DELIVERY OF MATERIALS AND/OR EQUIPMENT TO OR FROM THE CONSTRUCTION SITE EXCEPT WITHIN THE HOURS OF 7:00 AM TO 7:00 PM ON WEEKDAYS AND WEEKENDS.
20. CONTRACTOR'S LICENSE REQUIREMENTS ARE NOTED IN THE CONTRACT SPECIFICATIONS AND NOTICE INVITING BIDS.
21. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, THE CITY OF MILPITAS AND ITS AUTHORIZED REPRESENTATIVES AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

BID NOTES:

1. NO CONTRACTOR OR SUBCONTRACTOR MAY BE LISTED ON A BID PROPOSAL FOR A PUBLIC WORKS PROJECT (SUBMITTED ON OR AFTER MARCH 1, 2015) UNLESS REGISTERED WITH THE DEPARTMENT OF INDUSTRIAL RELATIONS PURSUANT TO LABOR CODE SECTION 1725.5 [WITH LIMITED EXCEPTIONS FROM THIS REQUIREMENT FOR BID PURPOSES ONLY UNDER LABOR CODE SECTION 1771.1(a)].
2. NO CONTRACTOR OR SUBCONTRACTOR MAY BE AWARDED A CONTRACT FOR PUBLIC WORK ON A PUBLIC WORKS PROJECT (AWARDED ON OR AFTER APRIL 1, 2015) UNLESS REGISTERED WITH THE DEPARTMENT OF INDUSTRIAL RELATIONS PURSUANT TO LABOR CODE SECTION 1725.5.
3. THIS PROJECT IS SUBJECT COMPLIANCE MONITORING AND ENFORCEMENT BY THE DEPARTMENT OF INDUSTRIAL RELATIONS.

NOTE: CONTRACTOR'S LICENSE
A prime contractor bidding on this project shall possess a Class C-7 license from the Contractor's State License Board.