Cajon Valley Union School District Bid No. 1608 Relocatable Building Installations, Fuerte and Magnolia Elementary Schools

ADDENDUM #1 May 10, 2023

BID OPENING (no change): May 15, 10:00:00 a.m. at the office of the

CVUSD Purchasing Department, 225 Roanoke Rd., El Cajon, CA 92020

The following is issued to supplement or revise the Contract Documents. The revisions to the documents are described below. Unless specifically changed by this addendum, the remainder of the drawings, documents and specifications shall remain in effect as originally issued.

This addendum contains one (1) item and two (2) attachments.

ITEM 1: Questions and Answers

Question 1: Bid Docs do not mention who will be procuring AND installing the modular bldgs. And where we pick up connections... electrical, plumbing etc.. is there a scope matrix for this project? in other words does the district take on all the interior work of the modulars along with purchase and install.

Answer 1: Please see the attached Scope Matrix's for Fuerte and Magnolia elementary schools.

Question 2: Is there a pre-qual for this bid?

Answer 2: Pre-qualification is not required for this bid.

END OF ADDENDUM 1 (attached 2 pages)

* No. C-21340 * Exp. 10-31-23 * * * * * * * * * * * * * * * * * * *

File No: 37-9 A#04-122166

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DESC	RIPTION	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED		MODULAR INSTALLED		DISTRICT INSTALLED	NOTES
7.0	ELECTRONIC NETWORK SYSTEMS INFRASTRUCTURE MDF							
7.1 7.2	FIBER PATCH PANELS COPPER PATCH PANELS	•	•					
7.3	IDF EQUIPMENT RACKS AND CABLE MANAGEMENT	•	•					
7.4	POWER OUTLETS AND CONNECTIONS	•	•					
7.5	GROUNDING	•	•					
7.6 7.7	FIBER PATCH PANELS COPPER PATCH PANELS	•	•					
7.8 7.9	PLYWOOD BACKBOARDS NETWORK SERVERS, SWITCHES AND ROUTER SITE DATA DISTRIBUTION	•	•	•	•	•	•	
7.10 7.11	UG CONDUIT FIBER OPTIC CABLING AND INNER DUCT	•	•					
7.12	BUILDING DISTRIBUTION COPPER COMPUTER DATA NETWORK CABLING	•	•					
7.13	CONDUIT SLEEVES – FURNISHED BY CONTRACTOR, INSTALLED BY MODULAR BUILDING MANUFACTURER	•			•			
7.14	TERMINATION DEVICE BACK BOXES AND CONDUIT TO ABOVE CEILINGS			•	•			
7.15 7.16	TERMINATION DEVICES PORTABLE PATCH CORDS	•	•				_	
7.16	NETWORK CABLE TESTING AND CX	•	•			•	•	
7.18	J-HOOKS	•	•					
7.19 7.20	WIRELESS ACCESS DEVICES WIRELESS ACCESS DEVICE BACKBOXES		•	•	•	•		
7.21	FOR EXTERIOR WAPS WIRELESS ACCESS POINT CABLING	•	•					
	RIPTION	CONTRACTOR	CONTRACTOR	MODULAR	MODULAR	DISTRICT	DISTRICT	NOTES
8.0	INTRUSION DETECTION/ ACCESS	FURNISHED	INSTALLED	FURNISHED				NOTES
8.1 8.2	CONTROLS CONTROL PANELS AND POWER SUPPLIES POWER CONNECTIONS TO CONTROL	•	•					
8.3	PANELS AND POWER SUPPLIES REMOTE MONITORING SERVICE		_			•		
8.4	DATA NETWEROK CONNECTION TO CONTROL PANEL CONDUIT SYSTEM ABOVE CEILING	•	•					
8.6	CABLING, COMPLETE SYSTEM	•	•					
8.7 8.8	MOTION SENSORS MOTION SENSOR BACK BOXES AND CONDUIT TO ABOVE CEILING	•	•	•	•			
8.9	TERMINAL CABINETS	•	•					
8.10	TESTING, STARTUP AND CX SITE UG CONDUITS	•	•					
8.11 8.12	CABLING IN SITE UG CONDUITS	•	•					
DESC	RIPTION	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED	MODULAR FURNISHED	MODULAR INSTALLED	DISTRICT FURNISHED	DISTRICT INSTALLED	NOTES
9.0 9.1	AUDIO VISUAL SYSTEM EXTRON PLENUM VAULT SYSTEM AND COMPONENTS	•	•	TORNISHED	INSTALLED	TORNISHED	INSTALLED	
9.2 9.3	TESTING, STARTUP, AND CX BACK BOXES AND CONDUIT TO THE	•	•	•	•			
9.4	CEILING SPACES FOR CEILING-MOUNT AV CONNECTION/ CONTROL DEVICES DATA NETWORK CONNECTION AT AV CONTROLLER	•	•					
9.5	AV CABLING AND TERMINATIONS	•	•					
9.6 9.7	WHITE BOARDS PROJECTION SCREEN		•	•	•	•		BACKING BY MODULAR MANUF. BACKING BY MODULAR
9.7	PROJECTION SCREEN PROJECTORS	•	•	•	•			MANUF. BACKING BY MODULAR
			CONTRACTOR			DIOTE: S	DIOTES	MANUF.
10.0	FIRE ALARM/ SPRINKLER	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED	MODULAR FURNISHED	MODULAR INSTALLED	DISTRICT FURNISHED	DISTRICT INSTALLED	NOTES
10.1	TERMINAL CABINETS/ PULLBOX 120V POWER CONNECTIONS TO POWER SUPPLIES AND AMPS	•	•					
10.2	SITE UG FIRE ALARM CONDUITS	•	•					
		•	•					
10.3 10.4	SITE UG FIRE ALARM CABLING		•					
10.3 10.4 10.5	FA ANNUNCIATOR	•	•		a.	 	<u> </u>	
10.3 10.4 10.5 10.6	FA ANNUNCIATOR FA HORNS AND STROBES FA HORNS AND STROBES – BACK BOXES AND CONDUIT TO ABOVE CEILING		•	•	•			
10.3 10.4 10.5 10.6 10.7	FA ANNUNCIATOR FA HORNS AND STROBES FA HORNS AND STROBES – BACK BOXES AND CONDUIT TO ABOVE CEILING FA HORNS AND STROBES - CABLING	•	•	•	•			
10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	FA ANNUNCIATOR FA HORNS AND STROBES FA HORNS AND STROBES – BACK BOXES AND CONDUIT TO ABOVE CEILING FA HORNS AND STROBES - CABLING FA HEAT DETECTORS (AS REQUIRED BY CODE)	•						
10.3 10.4 10.5 10.6 10.7 10.8 10.9	FA ANNUNCIATOR FA HORNS AND STROBES FA HORNS AND STROBES - BACK BOXES AND CONDUIT TO ABOVE CEILING FA HORNS AND STROBES - CABLING FA HEAT DETECTORS (AS REQUIRED BY CODE) FA HEAT DETECTOR BACK BOXES	•	•	•	•			
10.3 10.4 10.5 10.6 10.7 10.8 10.9	FA ANNUNCIATOR FA HORNS AND STROBES FA HORNS AND STROBES – BACK BOXES AND CONDUIT TO ABOVE CEILING FA HORNS AND STROBES - CABLING FA HEAT DETECTORS (AS REQUIRED BY CODE)	•	•					
10.3 10.4 10.5 10.6 10.7 10.8 10.9 10.10 10.11 10.12 10.13	FA ANNUNCIATOR FA HORNS AND STROBES FA HORNS AND STROBES - BACK BOXES AND CONDUIT TO ABOVE CEILING FA HORNS AND STROBES - CABLING FA HEAT DETECTORS (AS REQUIRED BY CODE) FA HEAT DETECTOR BACK BOXES FA HEAT DETECTOR CONDUIT	•	•	•	•			

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SITE-RELATED WORK DEMOLITION GRADING OF PAD/ BACKFILL AFTER FOUNDATIONS ARE COMPLETE MODULAR RESTROOM: CONCRETE FOUNDATIONS, RAT SLAB, VAPOR BARRIER, FLASHING RELOCATABLE CLASSROOMS: WOOD FOUNDATION (RAISED), FLASHING, 12' STEEL RAMP WITH LANDING	CONTRACTOR FURNISHED • •	CONTRACTOR INSTALLED •	MODULAR FURNISHED	MODULAR INSTALLED	DISTRICT FURNISHED	DISTRICT INSTALLED	
DEMOLITION GRADING OF PAD/ BACKFILL AFTER FOUNDATIONS ARE COMPLETE MODULAR RESTROOM: CONCRETE FOUNDATIONS, RAT SLAB, VAPOR BARRIER, FLASHING RELOCATABLE CLASSROOMS: WOOD FOUNDATION (RAISED), FLASHING,	•						
GRADING OF PAD/ BACKFILL AFTER FOUNDATIONS ARE COMPLETE MODULAR RESTROOM: CONCRETE FOUNDATIONS, RAT SLAB, VAPOR BARRIER, FLASHING RELOCATABLE CLASSROOMS: WOOD FOUNDATION (RAISED), FLASHING,	•	•					
MODULAR RESTROOM: CONCRETE FOUNDATIONS, RAT SLAB, VAPOR BARRIER, FLASHING RELOCATABLE CLASSROOMS: WOOD FOUNDATION (RAISED), FLASHING,	•	L		1		'	
VAPOR BARRIER, FLASHING RELOCATABLE CLASSROOMS: WOOD FOUNDATION (RAISED), FLASHING,		•					
RELOCATABLE CLASSROOMS: WOOD FOUNDATION (RAISED), FLASHING,							
			•	•			
MODULAR RESTROOM: SKIRT `Z' FLASHING			•	•			BASED ON PC 04-121113 DETAIL 11&12/A-5.70
RELOCATABLE CLASSROOMS:			•	•			BASED ON PC-120720,
BUILDING PERIMETER FLASHING MODULAR RESTROOM:	•	•					DETAIL 19/A5.1
VENTS AND VENT GRATES	-						
RELOCATABLE CLASSROOMS: VENTS AND VENT GRATES			•	•			
MODULAR RESTROOM: WELD PLATES	•	•					
REMOVAL OF SPOILS	•	•					
NEW HARDSCAPE, GRIND, OVERLAY, SLURRY/ RESTRIPING AND PATCHING OF	•	•					
EXISTING HARDSCAPE							
UNDERGROUND UTILITIES	•	•					
SITE ACCESSIBILITY UPGRADES	•	•					
DOMESTIC WATER, STORM DRAINAGE	•						
BARRIER RAILINGS	•	•					
PTION	CONTRACTOR	CONTRACTOR		MODULAR	DISTRICT	DISTRICT	NOTES
BUILDING-RELATED WORK	FURNISHED	INSTALLED	FURNISHED	INSTALLED	FURNISHED	INSTALLED	
FURNITURE AND EQUIPMENT			_	_	•	•	
FLOOR FINISHES			•	•			
RELOCATABLE CLASSROOMS: FLOOR FINISHES & WALL BASE	•	•					
WALL BACKING			•	•			
MODULAR RESTROOM: EXTERIOR PLASTER FINISH	•	•					
RELOCATABLE CLASSROOMS:			•	•			
SIGNAGE (EXTERIOR AND INTERIOR)	•	•					
MODULAR RESTROOM:			•	•			
MODULAR RESTROOM:	•	•					
PAINT (EXTERIOR) RELOCATABLE CLASSROOMS:	•	•					
PAINT (EXTERIOR AND INTERIOR)			_	_			
SEWER AND WATER PIPING FROM 5'	•	•	•	•			
OUTSIDE BUILDING LINE, CONNECT TO							
WINDOWS, DOORS, DOOR FRAMES,			•	•			
HARDWARE TESTING OF PLUMBING LINES			•	•			
INTERIOR CEILINGS	•	•	•	•			
RELOCATABLE CLASSROOMS: WINDOW SHADES	•	•					
PTION	CONTRACTOR	CONTRACTOR	MODULAR	MODULAR	DISTRICT	DISTRICT	NOTES
	FURNISHED	INSTALLED	FURNISHED	INSTALLED	FURNISHED	INSTALLED	
MODULAR GROUNDING AND TESTING	•	•					
UG FEEDERS AND PULLBOXES TO BUILDING ELECTRICAL ROOMS/ PANELS	•	•					
LOAD CENTER/			•	•			
BUILDING ELECTRICAL PANEL UG FEEDERS AND CONNECTIONS TO	•	•					
BUILDING PANELBOADS			_				
CONNECTIONS AND ASSOCIATED BRANCH			•	•			
CIRCUIT CONDUIT AND WIRING							
PTION	CONTRACTOR	CONTRACTOR		MODULAR	DISTRICT	DISTRICT	NOTES
LIGHTING	FURNISHED	INSTALLED	FURNISHED	INSTALLED	FURNISHED	INSTALLED	
BUILDING-MOUNTED LIGHTING, INTERIOR			•	•			
CIRCUIT CONDUIT, WIRING AND CONTROLS							
LIGHTING CONTROL SYSTEM INCLUDING			•	•			
SENSORS, DAYLIGHTING, CONTROL							
STATIONS, CONDUIT AND WIRING LIGHTING CONTROL SYSTEM STARTUP AND			•	•			
Cx							COORDINATE WITE
			•	•			COORDINATE WITH EXISTING CVUSD SYSTEM
EMERGENCY LIGHTING CENTRAL BATTERY			•	•			
PTION	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED	MODULAR FURNISHED	MODULAR INSTALLED	DISTRICT FURNISHED	DISTRICT INSTALLED	NOTES
TELEPHONE	. 5.44251125				. 3		
(RELOCATABLE CLASSROOMS) SITE UG CONDUIT AND PULLBOXES TO POC	•	•					
VOIP TELEPHONES			_		•	•	
CEILING			•	•			
VOICE/ DATA NETWORK CABLING TELEPHONE SYSTEM STARTUP AND CX	•	•					COORDINATE WITH
AND CA	•						DISTRICT
PTION	CONTRACTOR	CONTRACTOR	MODULAR	MODULAR	DISTRICT	DISTRICT	NOTES
	FURNISHED	INSTALLED	FURNISHED	INSTALLED	FURNISHED	INSTALLED	
RACK, EQUIPMENT, SOFTWARE IN MDF'S/	•	•					
IDF'S POWER CONNECTIONS AND GROUNDING AT							
POWER CONNECTIONS AND GROUNDING AT	•	•					
SYSTEMS STARTUP AND Cx INTERFACE WITH TELEPHONE SYSTEM	•	•				•	
SUSUDB 7 BIFMFRENMERESMANAROGSOPWHTIIRW 7 EMUEIUBUBBCC 7 LBACIICSSIICN EII 7 TUSVVCVT - 7 P	CANNING/ LOCATING OF EXISTING INDERGROUND UTILITIES INTERACCESSIBILITY UPGRADES ITILITIES - POWER, LOW VOLTAGE, OMESTIC WATER, STORM DRAINAGE ARRIER RAILINGS TION BUILDING-RELATED WORK URNITURE AND EQUIPMENT IODULAR RESTROOM: LOOR FINISHES ELOCATABLE CLASSROOMS: LOOR FINISHES ELOCATABLE CLASSROOMS: LOOR FINISHES WALL BACKING IODULAR RESTROOM: XTERIOR PLASTER FINISH ELOCATABLE CLASSROOMS: XTERIOR SIDING IIGNAGE (EXTERIOR AND INTERIOR) IODULAR RESTROOM: AINT (INTERIOR CEILING) IODULAR RESTROOM: AINT (EXTERIOR) ELOCATABLE CLASSROOMS: AINT (EXTERIOR) ELOCATABLE CLASSROOMS: AINT (EXTERIOR) ELOCATABLE CLASSROOMS: AUNT (EXTERIOR) ELOCATABLE CLASSROOMS: AUNT (EXTERIOR) ELOCATABLE CLASSROOMS: AUNT (EXTERIOR AND INTERIOR) EUTTERS AND DOWNSPOUTS EWER AND WATER PIPING FROM 5' JUTSIDE BUILDING LINE, CONNECT TO LUMBING FIXTURES INSIDE THE BUILDING VINDOWS, DOORS, DOOR FRAMES, IARDWARE ESTING OF PLUMBING LINES NITERIOR CEILINGS ELOCATABLE CLASSROOMS: VINDOW SHADES TION ELECTRICAL IODULAR GROUNDING AND TESTING IOF FEEDERS AND PULLBOXES TO BUILDING LECTRICAL ROOMS/ PANELS OAD CENTER/ BUILDING PANELBOADS BUILDING PANELBOADS BUILDING PANELBOADS BUILDING PANELBOADS BUILDING POWER OUTLETS, RECEPTACLES, ONNECTIONS AND ASSOCIATED BRANCH IRCUIT CONDUIT AND WIRING ION IGHTING IGHTING IGHTING IGHTING INDEXTRETIOR AND ASSOCIATED BRANCH IRCUIT CONDUIT, WIRING AND CONTROLS IGHTING CONTROL SYSTEM INCLUDING IONTROL PANELS, RELAYS, OCCUPANCY ENSORS, DAYLIGHTING, CONTROL IGHTING CONTROL SYSTEM STARTUP AND IX MERGENCY LIGHTING CENTRAL BATTERY NVERTER(S) AND CONNECTIONS TION ELECPHONE RELOCATABLE CLASSROOMS) TION ELECTRICAL CONDUIT AND PULLBOXES TO POC IOIP TELEPHONES OICE OUTLET BOXES AND CONDUIT TO ELEURO CONDUIT AND PULLBOXES TO POC IOIP TELEPHONES OICE OUTLET BOXES AND CONDUIT TO ELILING OICE/ DATA NETWORK CABLING ELEPHONE SYSTEM STARTUP AND CX PAGING/ INTERCOM/ MASTER CLOCK TION PAGING/ INTERCOM/ MASTER CLOCK	CANNING/ LOCATING OF EXISTING INDERGROUND UTILITIES ITE ACCESSIBILITY UPGRADES ITILITIES - POWER, LOW VOLTAGE, OMESTIC WATER, STORM DRAINAGE ARRIER RAILINGS ITION CONTRACTOR FURNISHED WORK UINITURE AND EQUIPMENT IODULAR RESTROOM: LOOR FINISHES ELOCATABLE CLASSROOMS: LOOR FINISHES & WALL BASE WALL BACKING IODULAR RESTROOM: LOOR FINISHES & WALL BASE WALL BACKING IODULAR RESTROOM: AINT (EXTERIOR AND INTERIOR) IODULAR RESTROOM: AINT (INTERIOR CELLING) IODULAR RESTROOM: AINT (INTERIOR CELLING) IODULAR RESTROOM: AINT (EXTERIOR AND INTERIOR) IODULAR RESTROOM: AINT (INTERIOR CELLING) IODULAR RESTROOM: AINT (EXTERIOR AND INTERIOR) IUTTERS AND DOWNSPOUTS EWER AND WATER PIPING FROM 5' JUTISIOE BUILDING LING, CONNECT TO LUMBING FIXTURES INSIDE THE BUILDING IUTISHOR SULDING LING, CONNECT TO LUMBING FIXTURES INSIDE THE BUILDING IUTISHOR SULDING LING, CONNECT TO LUMBING FIXTURES INSIDE THE BUILDING IUTISHOR SULDING LING, CONNECT TO LUMBING FOLUMBING LINES NITERIOR CELLINGS OAD CENTER UILDING AND ASSOCIATED BRANCH IRCCTICAL ROOMS/ PANELS OAD CENTER UILDING POWER OUTLETS, RECEPTACLES, CONNECTIONS AND ASSOCIATED BRANCH IRCCUIT CONDUIT, WINING AND CONTROLS IGHTING UILDING POWER OUTLETS, RECEPTACLES, CONNECTIONS AND ASSOCIATED BRANCH IRCUIT CONDUIT, AND WIRING IGHTING UILDING POWER OUTLETS, RECEPTACLES, CONNECTIONS AND ASSOCIATED BRANCH IRCUIT CONDUIT, WINING AND CONTROLS IGHTING UILDING POWER OUTLETS, RECEPTACLES, CONNECTIONS AND ASSOCIATED BRANCH IRCUIT CONDUIT, WINING AND CONTROLS IGHTING CONTROL SYSTEM INCLUDING ONTROL PANELS, RELAYS, OCCUPANCY ENSORS, DAYLIGHTING, CONTROLS IGHTING CONTROL SYSTEM STARTUP AND X MERGENCY LIGHTING CENTRAL BATTERY NVERTER(S) AND CONNECTIONS ION CONTRACTOR FURNISHED **CONTRACTOR **C	CANNING/ LOCATING OF EXISTING INDERGROUND UTILITIES ITE ACCESSIBILITY UPGRADES ITION ITILITIES - POWER, LOW VOLTAGE, IOMESTIC WATER, STORM DRAINAGE ARRIER RAILINGS ITION CONTRACTOR INSTALLED INST	CANNING/ LOCATING OF EXISTING NOPERGROUND UTILITIES ITTE ACCESSIBILITY UPGRADES	CANNING LOCATING OF EXISTING NOVERGROUND UTILITIES ITTE ACCESSIBILITY UPGRADES OMESTIC WATER, STORM DARINAGE ARRIER RAILINGS CONTRACTOR FURNISHED INSTALLED INSTALL	CANNING / LOCATING OF EXISTING NOVERGROUND UTLITIES IT EACESSIBLITY UNCARDS INSTALLED INSTAL	CANNING LOCATING OF EXISTING MORREGROUND TUTNEADES CONTRACTOR MORRIAGE ABERTER PLOW VOLTAGE, CONTRACTOR MORRIAGE MORRIAGE ABERT P

FUERTE ES – RELOCATABLE CLASSROOM BUILDINGS & MODULAR RESTROOM BUILDING

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3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 684 4664 / 5751 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92010 (760) 438 5899

RELOCATABLE CLASSROOMS & RESTROOM

FUERTE ELEMENTARY SCHOOL
11625 FUERTE DRIVE, EL CAJON, CA 92020

RESPONSIBILITY MATRIX ASK-A1

	MAGNOLIA RESPONS			CLASSROO DDENDUM A			
DESCR	RIPTION	CONTRACTOR	CONTRACTOR	PC RAMP MANUF.	DISTRICT	DISTRICT	NOTES
		FURNISHED	INSTALLED	FURNISHED	FURNISHED	INSTALLED	
1.0 1.1	SITE-RELATED WORK DEMOLITION	•	•				
1.2	GRADING OF PAD/ BACKFILL	•	•				
1.3	RELOCATABLE CLASSROOMS: WOOD FOUNDATION (RAISED), 12' STEEL RAMP WITH LANDING	•	•	•			PC RAMP BASED ON A#04-119501
1.4	REMOVAL OF SPOILS NEW HARDSCAPE, GRIND, OVERLAY, SLURRY/ RESTRIPING AND PATCHING OF	•	•				
1.6	EXISTING HARDSCAPE SCANNING/ LOCATING OF EXISTING UNDERGROUND UTILITIES	•	•				
1.7	SITE ACCESSIBILITY UPGRADES UTILITIES – POWER, LOW VOLTAGE	•	•				
1.9	BARRIER RAILINGS	•	•				
DESCI	RIPTION	CONTRACTOR	CONTRACTOR	PC RAMP MANUF.	DISTRICT	DISTRICT	NOTES
DLSCI	AF HON	FURNISHED	INSTALLED	FURNISHED	FURNISHED	INSTALLED	NOTES
2.0	BUILDING-RELATED WORK						
2.1	FURNITURE AND EQUIPMENT RELOCATABLE CLASSROOMS:	•			•	•	
2.2	FLOOR FINISHES & WALL BASE	•					
2.3	WALL BACKING	•	•				DED DETAIL 24/AD 1.0
2.4	RELOCATABLE CLASSROOMS: EXTERIOR SIDING REPLACEMENT	•	•				PER DETAIL 24/AD-1.0
2.5	SIGNAGE (EXTERIOR AND INTERIOR)	•	•				
2.6	RELOCATABLE CLASSROOMS: PAINT (EXTERIOR AND INTERIOR)	•	•				
2.7	GUTTERS AND DOWNSPOUTS	•	•				
2.8	WINDOWS, DOORS, DOOR FRAMES, HARDWARE						EXISTING
2.9	INTERIOR CEILINGS	•	•				50% OF SUSPENDED ACOUSTIC CEILING TILE TO BE REPLACED PER A1-1.1
2.10	RELOCATABLE CLASSROOMS: WINDOW SHADES	•	•				DE REFLACED FER AT-1.1
	RIPTION	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED	PC RAMP MANUF. FURNISHED	DISTRICT FURNISHED	DISTRICT INSTALLED	NOTES
3.0 3.1	ELECTRICAL MODULAR GROUNDING AND TESTING	•	•				
3.2	UG FEEDERS AND PULLBOXES TO BUILDING	•	•				
3.3	BUILDING ELECTRICAL PANEL UG FEEDERS AND CONNECTIONS TO	•	•				EXISTING
2.5	BUILDING PANELBOADS	_	_				
3.5	BUILDING POWER OUTLETS, RECEPTACLES, CONNECTIONS AND ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING	•	•				
	RIPTION	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED	PC RAMP MANUF. FURNISHED	DISTRICT FURNISHED	DISTRICT INSTALLED	NOTES
4.0 4.1	BUILDING-MOUNTED LIGHTING, INTERIOR AND EXTERIOR AND ASSOCIATED BRANCH CIRCUIT CONDUIT, WIRING AND CONTROLS	•	•				
4.2	LIGHTING CONTROL SYSTEM INCLUDING CONTROL PANELS, RELAYS, OCCUPANCY SENSORS, DAYLIGHTING, CONTROL	•	•				
4.3	STATIONS, CONDUIT AND WIRING LIGHTING CONTROL SYSTEM STARTUP AND Cx	•	•				
4.4	NETWORKED LIGHTING CONTROLS	•	•				COORDINATE WITH EXISTING CVUSD SYSTEM
4.5	EMERGENCY LIGHTING CENTRAL BATTERY INVERTER(S) AND CONNECTIONS	•	•				2.000
DESC	RIPTION	CONTRACTOR	CONTRACTOR	PC RAMP MANUF.	DISTRICT	DISTRICT	NOTES
5.0	TELEPHONE	FURNISHED	INSTALLED	FURNISHED	FURNISHED	INSTALLED	
	(RELOCATABLE CLASSROOMS)						
5.1 5.2	SITE UG CONDUIT AND PULLBOXES TO POC VOIP TELEPHONES	•	•		•	•	
5.3	VOICE OUTLET BOXES AND CONDUIT TO CEILING	•	•		•	•	
5.4	VOICE/ DATA NETWORK CABLING	•	•				
5.5	TELEPHONE SYSTEM STARTUP AND CX	•	•				COORDINATE WITH DISTRICT
DESC	RIPTION	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED	PC RAMP MANUF. FURNISHED	DISTRICT FURNISHED	DISTRICT INSTALLED	NOTES
6.0 6.1	PAGING/ INTERCOM/ MASTER CLOCK RACK, EQUIPMENT, SOFTWARE IN MDF'S/	•	•				
6.2	IDF'S POWER CONNECTIONS AND GROUNDING AT	•	•				
6.3	RACK SYSTEMS STARTUP AND Cx	•	•			•	
6.4	INTERFACE WITH TELEPHONE SYSTEM	•	•			_	
6.5	INTERIOR CLOCK/ SPEAKERS	•	•				
6.6	INTERIOR CLOCK/ SPEAKER BACK BOXES	•	•				

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	RESPON	SIBILITY M	ATRIX – AI	DDENDUM A	- 5/9/202	23	
DESCR	IPTION	CONTRACTOR	CONTRACTOR	PC RAMP MANUF.	DISTRICT	DISTRICT	NOTES
7.0	ELECTRONIC NETWORK SYSTEMS INFRASTRUCTURE	FURNISHED	INSTALLED	FURNISHED	FURNISHED		
7 1	MDF	_	_				
7.1 7.2	FIBER PATCH PANELS COPPER PATCH PANELS	•	•				
7.2	IDF	•	•				
7.3	EQUIPMENT RACKS AND CABLE	•	•				
	MANAGEMENT						
7.4	POWER OUTLETS AND CONNECTIONS	•	•				
7.5	GROUNDING STREET PANELS	•	•				
7.6 7.7	FIBER PATCH PANELS COPPER PATCH PANELS	•	•				
7.7 7.8	PLYWOOD BACKBOARDS	•	•				
7.9	NETWORK SERVERS, SWITCHES AND ROUTER SITE DATA DISTRIBUTION				•	•	
7.10 7.11	UG CONDUIT FIBER OPTIC CABLING AND INNER DUCT	•	•				
7.12	BUILDING DISTRIBUTION COPPER COMPUTER DATA NETWORK CABLING	•	•				
7.13	CONDUIT SLEEVES	•	•				
7.14	TERMINATION DEVICE BACK BOXES AND CONDUIT TO ABOVE CEILINGS	•	•				
7.15	TERMINATION DEVICES	•	•				
7.16 7.17	PORTABLE PATCH CORDS NETWORK CABLE TESTING AND Cx	_	_		•	•	
7.17 7.18	J-HOOKS	•	•		•		
7.18 7.19	WIRELESS ACCESS DEVICES		•		•		
7.20	WIRELESS ACCESS DEVICE BACKBOXES	•	•		-		
7.21	FOR EXTERIOR WAPS WIRELESS ACCESS POINT CABLING	•	•				
DESCR	 NIPTION	CONTRACTOR	CONTRACTOR	PC RAMP MANUF.	DISTRICT	DISTRICT	NOTES
		FURNISHED	INSTALLED	FURNISHED	FURNISHED		
8.0 8.1	INTRUSION DETECTION/ ACCESS CONTROLS CONTROL PANELS AND POWER SUPPLIES	_	_				
8.2	POWER CONNECTIONS TO CONTROL PANELS AND POWER SUPPLIES	•	•				
8.3	REMOTE MONITORING SERVICE				•		
8.4	DATA NETWORK CONNECTION TO CONTROL	•	•				
8.5	PANEL CONDUIT SYSTEM ABOVE CEILING	•	•				
8.6 8.7	CABLING, COMPLETE SYSTEM MOTION SENSORS	•	•				
8.8	MOTION SENSORS MOTION SENSOR BACK BOXES AND CONDUIT TO ABOVE CEILING	•	•				
8.9	TERMINAL CABINETS	•	•				
8.10	TESTING, STARTUP AND Cx	•	•				
8.11	SITE UG CONDUITS	•	•				
8.12	CABLING IN SITE UG CONDUITS	•	•				
	RIPTION	CONTRACTOR FURNISHED	CONTRACTOR INSTALLED	PC RAMP MANUF. FURNISHED	DISTRICT FURNISHED	DISTRICT INSTALLED	NOTES
9.0 9.1	EXTRON PLENUM VAULT SYSTEM AND COMPONENTS	•	•				
9.2 9.3	TESTING, STARTUP, AND CX BACK BOXES AND CONDUIT TO THE CEILING SPACES FOR CEILING-MOUNT AV	•	•				
9.4	CONNECTION/ CONTROL DEVICES DATA NETWORK CONNECTION AT AV	•	•				
9.5	CONTROLLER AV CABLING AND TERMINATIONS	•	•				
9.5 9.6	WHITE BOARDS	•	•		•		
9.7	PROJECTION SCREEN	•	•				
9.8	PROJECTORS	•	•				
DESCR	 LIPTION	CONTRACTOR	CONTRACTOR	PC RAMP MANUF.	DISTRICT	DISTRICT	NOTES
10.0	FIRE ALARM/ SPRINKLER	FURNISHED	INSTALLED	FURNISHED	FURNISHED	INSTALLED	
10.1 10.2	TERMINAL CABINETS/ PULLBOX 120V POWER CONNECTIONS TO POWER	•	•				
10.2	SUPPLIES AND AMPS	_	_				
10.3 10.4	SITE UG FIRE ALARM CONDUITS SITE UG FIRE ALARM CABLING	•	•				
10.5	FA ANNUNCIATOR	•	•				
10.6 10.7	FA HORNS AND STROBES FA HORNS AND STROBES – BACK BOXES	•	•				
	AND CONDUIT TO ABOVE CEILING	_	_				
10.0	FA HORNS AND STROBES - CABLING FA HEAT DETECTORS	•	•				
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10.8 10.9 10.10	(AS REQUIRED BY CODE) FA HEAT DETECTORS FA HEAT DETECTOR BACK BOXES	•	•				
10.9 10.10 10.11	(AS REQUIRED BY CODE) FA HEAT DETECTOR BACK BOXES FA HEAT DETECTOR CONDUIT	•	•				
10.9 10.10 10.11 10.12	(AS REQUIRED BY CODE) FA HEAT DETECTOR BACK BOXES FA HEAT DETECTOR CONDUIT FA HEAT DETECTOR CABLING		•				
10.9 10.10 10.11 10.12 10.13	(AS REQUIRED BY CODE) FA HEAT DETECTOR BACK BOXES FA HEAT DETECTOR CONDUIT	•	•				



RUHNAU CLARKEARCHITECTS

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RELOCATABLE CLASSROOM BUILDINGS MAGNOLIA ELEMENTARY SCHOOL 650 GREENFIELD DRIVE, EL CAJON, CA 92021 CAJON VALLEY UNION SCHOOL DISTRICT