



ADDENDUM #1
POLICE DEPARTMENT DISPATCH REMODEL
BID # 20/21-009 / PWP # WA-2021-153
BIDS DUE NO LATER THAN: 1:45 PM ON FEBRUARY 24, 2021
PUBLIC BID OPENING: 2:00 PM ON FEBRUARY 24, 2021

This addendum is to notify all potential proposers of clarifications made to the Bid documents as stated below.

1. Pre-Bid Meeting Agenda and Sign-In Sheet
 - a. Attached is the prebid meeting agenda and sign-in sheet from the February 11 meeting.

2. RFI question responses:
 - a. Is a Builders Risk policy required?
 - i. No. All insurance requirements are detailed in Bid Book General Conditions, Section 29 (Starting on Page 21 of the book).

 - b. Is the schedule 60 or 120 days? Liquidated damages section states 120.
 - i. All work shall be completed within sixty (60) calendar days from the time of the Notice to Proceed per Section 4 of the Special Provisions (Page 36). The Section 5 Liquidated Damages (Page 37) listed one hundred twenty (120) calendar days is incorrect. It shall read **“ONE THOUSAND DOLLARS (\$1,000.00) for each and every calendar day delay after the sixty (60) calendar day completion time limit.”**

 - c. Is any asbestos present that needs abatement? Is so, who is performing abatement?
 - i. Asbestos testing was performed, and no hazardous materials were present therefore no abatement is required.

 - d. Is AWI or WI Cabinet certification required?
 - i. The cabinetry shall be Architectural Woodwork Institute (AWI) certified.

 - e. In the specs on MP001, nor on any other mechanical sheet indicates what specific R-value or application/procedure of installation of external duct wrap. Please advise.
 - i. Contractor shall provide R-8 insulation for the ductwork.

 - f. Sheet Keynote P06 on electrical drawing e201 seems to only reference one (1) floor box at nine (9) different locations. However, electrical drawing e201 shows three (3) different floor boxes per the Electrical Symbols on electrical drawing e001. Are we to provide (3) different floor boxes at each of the typical 9 locations, or just (1) quad floor box at each of the typical 9 locations?

- i. Provide (1) 4-gang floor box per the drawings at each dispatch console, for a total of nine (9) locations that will be fed from below accessible floor. Final receptacle quantities and configuration at consoles to be coordinated with final FF&E (console workstation RFP) submittals. Please see revised drawings for additional clarity. See attached revised Sheet E201.
 - g. Are the floor boxes being mounted to the removable floor panels with a flexible whip?
 - i. The floor boxes are to be mounted to removable floor panel and will serve as a poke thru for the whips to the console mounted wiring devices. See the revised sheet e201 for more details.
 - h. Sheet E201 Note P06 specs a 4-gang box with 5 receptacles, 2 data spots and a whip for console furniture. Is there supposed to be multiple floor boxes or are these plugs part of the furniture?
 - i. The plugs are part of the furniture and shall be coordinated with the final FF&E submittals. The floor box is a 4-gang poke-thru.
 - i. Electrical Specification 4.1 on Electrical Drawing e002 is requesting a Design/Build Fire Alarm System. Can we have the make and model of the existing Fire Alarm System?
 - i. Fire alarm design is not included in the scope of this project. See attached revised Sheet E002.
 - j. Page A201 detail #6 calls for “PLAM cabinets”, however, finish note #8 calls for “compact laminate”. The price increase for the “compact laminate” is quite significant, which we came to realize last minute when working on the City Hall bid. We just want to clarify so everyone is bidding the same products.
 - i. The cabinets shall be compact laminate per the finish note #8 on Sheet A201.
 - k. Please indicate carpet tile pattern install method.
 - i. Carpet tile pattern shall be determined during submittal approval process based on the sample products provided.
 - l. Please indicate LVT pattern install method.
 - i. LVT pattern shall be determined during submittal approval process based on the sample products provided.
3. **COVID-19 Precautions** – Due to the City’s response to the COVID-19 virus and associated reduction in staff, in-person staff availability is limited. Bidders wishing to physically deliver their bids on the bid due date shall note that the Purchasing Office will receive bids in the lobby of City Hall beginning at 1PM on February 17th. Bids are due no later than 1:45PM. Bids may also be delivered to the Purchasing Department physical dropbox/mailbox, also located in the lobby of City Hall.

Please note and adjust your bid according to the revisions, additions, deletions, clarifications or modifications as presented on this Addendum #1, which are made a part of this bid. NOTE: To avoid disqualification, this Addendum 1 (and any other addenda) must be signed by an authorized representative of the bidding firm in the space provided and must be submitted with your firm’s sealed proposal. Failure to return this addendum, duly signed, may be cause for rejection of the bid. ALL

ADDENDA SHOULD BE SIGNED AND PLACED IN SEQUENTIAL ORDER AND ATTACHED TO THE FRONT OF THE BID PACKAGE, COMPLETE WITH ALL REQUIRED DOCUMENTS.

CONTRACTOR BUSINESS NAME

X _____
Authorized Signature

Printed Name of Person Signing

Dan Marran, C.P.M., CPPO
Contracts and Risk Manager

February 19, 2021

CITY OF SPARKS
POLICE DEPARTMENT DISPATCH REMODEL

NON-MANDATORY PRE-BID MEETING AGENDA

February 11, 2021

9:00 A.M.

BID #20/21-009, PWP #WA-2021-153

Project 20-1011

ADMINISTRATION

1. Sign In
2. Contacts:
 - a. Robert R. Bidart, PE – City of Sparks (224-2976) – Project Manager
3. Bid Date – February 24, 2021 by 1:45 pm., bids must be in the hands of the Contracts and Risk Manager at 431 Prater Way, Sparks, Nevada NO LATER THAN the above mention date and time. On bid date the Purchasing Office will receive bids in the lobby of City Hall beginning at 1 PM. Bids are due no later than 1:45 PM.
4. Engineer's Estimate (Base Bid) - \$140,000
5. Bid Bond – Required 5% of Bid Amount (Refer to General Conditions #26 (Page 19))
6. Subcontractors Exceeding 5 and 1% Forms (Pages 8 & 9) – The prime contractor (bidder) shall list themselves on both lists.
7. Prevailing Wage Rates Applies for State requirements (>\$100,000). This is not a Federally Funded Project therefore Davis Bacon does not apply. (Refer to General Conditions #21 (Page 17))
8. Apprenticeship Utilization Act does apply. (Refer to General Conditions #22 (Page 18))
9. Bidder's Preference DOES NOT Apply (Refer to General Conditions #33 (Page 29))
10. Bid Award – Council Meeting March 22, 2021
11. Start Construction – No earlier than May 3, 2021
12. Contract Time –60 calendar days (Liquidated Damages would go into effect after 60 calendar days.)
13. Contract and Construction Bonds (Performance and Payment) (Refer to General Conditions #27 (Page 19))
14. Issue Notice to Proceed at Pre-Construction Meeting (Refer to Special Provisions Sections 4 and 14 (Pages 36 and 38))
15. Liquidated Damages - \$1,000/day (Refer to Special Provisions Section 5 (Page 37))
16. Addendums – There will be an addendum coming out on Tuesday. Bidders should check the bid site prior to submitting bid. RFIs shall be submitted no later than end of business day on Wednesday, February 17, 2021. RFIs can be sent to me at:
rbidart@cityofsparks.us.
17. Submittals (Approved prior to Ordering)

BID SCHEDULE

1. Scope of Work: The base bid work includes but is not limited to the remodel and expansion of the existing Dispatch Center at the Sparks Police Department at 1701 E. Prater Way. The remodel upgrades to the Dispatch Center will include removal of existing walls/doors, restroom plumbing, ceiling, lighting fixtures, HVAC ductwork, and

carpet, and construction of new walls/doors, installation electrical conduit and wiring from normal power and UPS power panels, HVAC duct reconfiguration, installation of new ceiling, furnish and install new LED lighting fixtures, furnish new flooring materials, including installation of carpet on new raised flooring tiles, plumbing modifications, furnish and install breakroom counter and cabinets with sink, garbage disposal, and independent domestic water faucet with filter system, all to meet current ADA Standards and other miscellaneous associated work activities necessary to complete the project as stated in the plans and bid documents. Contractor shall coordinate with the City for removal of existing raised floor carpeted tiles and the installation of the new raised floor tiles including the modification of the tiles for electrical/network to new proposed Dispatch console layout.

2. Network wiring will be performed by others.
3. Base Bid Item Questions

CONSTRUCTION

1. Schedule
2. Material Submittals
3. Questions

SIGN-IN SHEET

**CITY OF SPARKS
POLICE DEPARTMENT DISPATCH REMODEL**

Pre-Bid Meeting

Thursday, February 11, 2021
9:00 AM

FIRM	NAME/ADDRESS	PHONE/EMAIL	COMMENTS
CITY OF SPARKS	Rob Biopart	(775) 224-2976 RBID@CITY OF SPARKS NV	
Telewest	Mike Pristow	775 560 1769 m.pristow@telewest.com	
K7 CONST	BOB WADE	775-745-6652 BOB.WADE@K7C.COM	
K7 CONST	DAVID KNAUB	745-9419 DAVID.KNAUB@K7C.COM	
Avail Enterprises	Mike Phier	mikephier@availenterprises.net 530 308 1214	
Avail Enterprises	Patrick Donald	Patrick Donald @ Avail Enterprises.net 775 557 6116	
Group West Construction	Kyle Jarboe	775-313-7758 kyle@groupwestinc.com	
SLATER CONSTRUCTION	Carlos Hernandez	630-551-5956 Carlos@CR9.com	
Slaten Co	ASHLEY GANNON	888.916.1872 ashley@slatenconstruction.com	
Sullivan Structures	Colton Venzon	775 313 6868 Venzon.colton@gmail.com	

ELECTRICAL SPECIFICATIONS

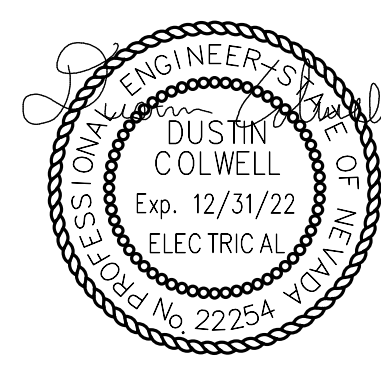
PART ONE - GENERAL

- 1.1. **THE WORK:** ALL WORK SHALL BE NEW UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE THE WORK AND THE INSTALLATION OF ALL EQUIPMENT AND MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND OPERATION OF THE COMPLETE SYSTEMS, WHICH SHALL BE PROVIDED BY THIS CONTRACTOR WHETHER OR NOT SPECIFICALLY INDICATED OR REFER TO ANOTHER TRADE.
- 1.2. **RESPONSIBILITY:** THIS CONTRACTOR IS SOLELY RESPONSIBLE FOR THE ACTIONS OF ITS PERSONNEL, SUPPLIERS, AND SUB-CONTRACTORS. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF ALL WORK AS MAY BE REQUIRED TO ACCOMMODATE OR SUPPORT THE ELECTRICAL WORK. EXAMPLES: PAINTING, STRUCTURAL SUPPORTS, CUTTING AND PATCHING, EXCAVATION AND BACKFILL, CONCRETE PADS, ROOF JACKS, ETC. REQUIREING THIS CONTRACTOR'S ENGAGEMENT OF APPROPRIATE TRADES TO PERFORM SUCH WORK FOR THE PROPER INSTALLATION AND OPERATION OF COMPLETE ELECTRICAL SYSTEMS.
- 1.3. **MINIMUM REQUIREMENTS:** THESE SPECIFICATIONS ESTABLISH THE MINIMUM REQUIREMENTS FOR THE WORK AND MATERIALS, EQUIPMENT AND METHODS TO BE PROVIDED. THE DRAWINGS MAY INDICATE REQUIREMENTS WHICH EXCEED THESE MINIMUMS.
- 1.4. **GENERAL CONDITIONS:** ALL GENERAL CONDITIONS, SPECIAL REQUIREMENTS OR GENERAL REQUIREMENTS OF THE CONSTRUCTION SPECIFICATIONS ARE MADE PART OF THIS SPECIFICATION AND HAVE THE SAME FORCE AND EFFECT AS IF COMPLETELY REPRODUCED.
- 1.5. **DEFINITIONS:**
 AHJ: AUTHORITY HAVING JURISDICTION.
 ASSEMBLY: INSTALLATION OR SYSTEM OF MULTIPLE COMPONENTS REQUIRING MULTIPLE CONNECTIONS. (EXAMPLES: TRASH COMPACTOR, MOTORIZED DOOR, HVAC SPLIT SYSTEM, ETC.). EQUAL: ACCEPTED BY THE ENGINEER AS EQUAL.
 FF&E: FURNISHINGS, FIXTURES AND EQUIPMENT - PROVIDED BY OTHERS AT JOBSITE. RECEIVE, PROTECT, STORE, ASSEMBLE, INSTALL AND CONNECT. PROVIDE MINIMUM SIX STRUCTURAL BRACKETS. (EXAMPLES: CHANDLERS, PROJECTORS, ETC.).
 PROVIDE: FURNISH, INSTALL, ACTIVATE, AND COMMISSION.
 1.6. **CODES:** ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), THE 2015 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC), AND ALL OTHER ADOPTED APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
 1.7. **PERMITS:** PAY ALL FEES AND OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED FOR THE WORK.
 1.8. **DRAWINGS:** DRAWINGS ARE DIAGRAMMATIC AND SCHEMATIC IN NATURE, AND INDICATE THE TYPE, SIZE, ARRANGEMENT AND LOCATIONS OF MATERIALS AND EQUIPMENT. WORK INCLUDES CERTAIN COMPONENTS, APPURTENANCES, AND RELATED SPECIALTIES THAT MAY NOT BE SHOWN. PROVIDE ALL NECESSARY ITEMS TO COMPLETE THE WORK ACCORDING TO INDUSTRY STANDARDS. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), THE 2015 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC), AND ALL OTHER ADOPTED APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
 1.9. **COORDINATION:** THIS PROJECT REQUIRES A HIGH LEVEL OF COORDINATION AND COOPERATION WITH OWNER, ARCHITECT, OTHER TRADES, VENDORS, AND SPECIALTY CONTRACTORS. CAREFULLY EXAMINE ALL CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, SHOP DRAWINGS, ETC. FOR ALL GENERAL CONSTRUCTION, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND SPECIALTY CONTRACTOR WORK. PRIOR TO ROUGH-IN, COORDINATE THE WORK WITH ALL OTHER TRADES AND OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED FOR THE WORK. THE BUILDING AS PLANNED WITHOUT INTERFERENCE WITH OTHER WORK. ESTABLISH AND VERIFY LOCATIONS, HEIGHTS, CONNECTION METHODS, ETC. WITH EQUIPMENT INSTALLER (AND OWNER, ARCHITECT, AND/OR INTERIOR DESIGNER FOR FF&E ITEMS), AND MAKE REASONABLE MODIFICATIONS IN THE LAYOUTS NEEDED TO PREVENT CONFLICTS WITH OTHER TRADES IN ORDER TO PROVIDE ACCESS FOR THE PROPER EXECUTION OF THE WORK.
 1.10. **IDENTICAL:** ALL WORK REQUIRED FOR IDENTICAL ITEMS AND ASSEMBLIES OF THE PROJECT SHALL BE PROVIDED, ALTHOUGH EACH SPECIFIC IDENTICAL ITEM MAY NOT BE SHOWN IN DETAIL.
 1.11. **VERIFICATION:** CHECK AND VERIFY ALL SIZES, DIMENSIONS, AND CONDITIONS BEFORE STARTING ANY WORK. ANY DEVIATION(S) OR PROBLEM(S) SHALL BE TRANSMITTED TO THE ENGINEER FOR REVIEW.
 1.12. **CONNECTIONS:** CONNECT ALL EQUIPMENT, SYSTEMS, AND ASSEMBLIES PROVIDED BY OTHERS INCLUDING CONTROLS, SAFETY DEVICES AND INTERCONNECTIONS. EXCEPTION: DO NOT INTERCONNECT THE CONTROL SYSTEMS OF THOSE MECHANICAL AND PLUMBING SYSTEMS WHICH ARE SPECIFICALLY NOTED TO BE THE RESPONSIBILITY OF THOSE TRADES. PROVIDE FUSIBLE DISCONNECT SWITCHES AND MOTOR STARTERS FOR ALL EQUIPMENT EXCEPT THOSE ITEMS WHICH ARE SPECIFICALLY LISTED WITH INTEGRAL STARTERS/DISCONNECT SWITCHES. WHERE STARTERS AND/OR DISCONNECT SWITCHES ARE FURNISHED TOGETHER WITH EQUIPMENT, RECEIVE, INSTALL, AND CONNECT THOSE ITEMS.
 1.13. **SUBMITTAL:** SUBMIT TO THE ENGINEER COMPLETE ELECTRONIC SETS OF SHOP DRAWINGS AND TECHNICAL DATA SHEETS FOR ALL EQUIPMENT AND MATERIALS SPECIFIED HEREIN. THE ENGINEER SHALL REVIEW SHOP DRAWINGS AND TECHNICAL DATA SHEETS FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS AND ISSUE A WRITTEN ASSESSMENT TO THE OWNER PRIOR TO COMMENCEMENT OF WORK. THE ENGINEER'S FAILURE TO CORRECT ERRORS IN THE SUBMITTAL SHALL NOT RELIEVE THE CONTRACTOR OF THE OBLIGATION TO PERFORM THE WORK AS SHOWN AND/OR SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ENGINEERING FEES NECESSARY TO CHANGE PROJECT DOCUMENTS BASED ON ALTERNATE SUBMITTAL PACKAGES/EQUIPMENT SUBSTITUTIONS.
 1.14. **OR-EQUAL SUBSTITUTIONS:** ALL PROPOSED "OR EQUAL" SUBSTITUTIONS SHALL BE SUBMITTED TO THE ENGINEER FOR CONSIDERATION PRIOR TO BIDDING AND AFTER ALL REQUIREMENTS ASSOCIATED WITH SUBSTITUTED EQUIPMENT AND/OR MATERIALS HAVE BEEN COORDINATED WITH OTHER BUILDING TRADES, INCLUDING MECHANICAL, PLUMBING, ARCHITECTURAL AND/OR ARCHITECTURAL ELEMENTS. THE OWNER'S REPRESENTATIVE SHALL PRE-APPROVE ANY PROPOSED SUBSTITUTION IN WRITING. IDENTIFY AND ANNOTATE ALL REVISED REQUIREMENTS PER BUILDING TRADE ON THE SHOP DRAWINGS. ALSO IDENTIFY ALL COST DEBITS OR CREDITS IN WRITING FOR THE PROPOSED CHANGES PER BUILDING TRADE AND SUMMARIZE THESE AS A TOTAL NET-TO-OWNER CHARGE OR CREDIT FOR CONSIDERATION.
 1.15. **AS-BUILT:** UPON COMPLETION OF CONSTRUCTION, SUPPLY THE ENGINEER WITH AS-BUILT DOCUMENTS ACCURATELY SHOWING THE MATERIALS AND EQUIPMENT AS INSTALLED. PROVIDE OPERATION AND MAINTENANCE MANUAL(S) CONTAINING APPROVED SHOP DRAWINGS, OPERATING AND MAINTENANCE INSTRUCTION FOR SWITCHGEAR, LIGHTING FIXTURES, CONTROLS, AND SPECIALTY EQUIPMENT.
 1.16. **GUARANTEE:** ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A MINIMUM OF ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER (LONGER IF REQUIRED BY GENERAL AND/OR SPECIAL CONDITIONS). IN ADDITION, THE INSTALLATION SHALL BE GUARANTEED TO PERFORM AS SPECIFIED AND FULFILL EACH AND EVERY REQUIREMENT OF THE DRAWINGS AND SPECIFICATIONS WHEN OPERATED IN ACCORDANCE WITH THE CONTRACTOR'S INSTRUCTIONS. SHOULD THE INSTALLATION IN ANY WAY FAIL TO DO SO, THE CONTRACTOR WILL, WITHOUT DELAY AND WITHOUT COST TO THE OWNER, PROVIDE WHATEVER ADDITIONAL EQUIPMENT, MATERIAL, AND LABOR REQUIRED TO CORRECT THE DEFICIENCY AND COMPLY WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. WHERE SPECIFIED EQUIPMENT HAS A LONGER GUARANTEE PERIOD, THE TERMS OF THAT GUARANTEE SHALL GOVERN (EXAMPLE: LED SYSTEM WITH 5 YEAR GUARANTEE). INCANDESCENT LAMPS ARE EXEMPT BUT SHALL BE NEW AND UNUSED AT THE TIME OF FINAL ACCEPTANCE.
 1.18. **IECC COMPLIANCE:** COMPLY WITH ALL REQUIREMENTS SET FORTH IN THE IECC COMPLIANCE CERTIFICATE INCLUDED IN THESE DOCUMENTS. HIRE A COMMISSIONING AGENT TO COMPLY WITH AND PERFORM ALL ASPECTS OF SECTION C408 OF THE 2012 IECC.
 1.19. **SITE VISIT:** CONTRACT DOCUMENTS INDICATE NEW WORK TO BE PERFORMED AND DO NOT PURPORT TO SHOW ALL EXISTING CONDITIONS. VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS. COMPARE THE WORK SPECIFIED IN THE CONTRACT DOCUMENTS AGAINST EXISTING CONDITIONS, AND IDENTIFY AND ANNOTATE ALL WORK OR CONDITIONS THAT ARE DIFFERENT FROM THE CONTRACT DOCUMENTS. NO FIELD OR FIELD INTENT. UPON DISCOVERY, IMMEDIATELY NOTIFY AND REPORT IN WRITING ANY DISCREPANCIES TO THE ENGINEER. NO EXTRAS OR CHANGE ORDERS WILL BE ALLOWED FOR FAILURE TO PERFORM THE PRE-BID SITE VISIT.
 1.20. **BASIS OF PROPOSAL:** PROPOSAL SHALL BE BASED ON MANUFACTURERS' AND MODELS AS LISTED UNLESS "OR EQUAL" IS INDICATED. PROVIDE SUBSTITUTION REQUESTS A MINIMUM OF FIVE (5) BUSINESS DAYS PRIOR TO BID DATE CLOSING TO ALLOW TIME FOR DUE CONSIDERATION OF PROPOSED ALTERNATE AND SUBSEQUENT NOTIFICATION TO ALL OTHER BIDDERS IN THE EVENT SUBSTITUTION IS DEEMED ACCEPTABLE. DETERMINATION OF SUBSTITUTION EQUALITY RESTS SOLELY WITH THE ENGINEER.

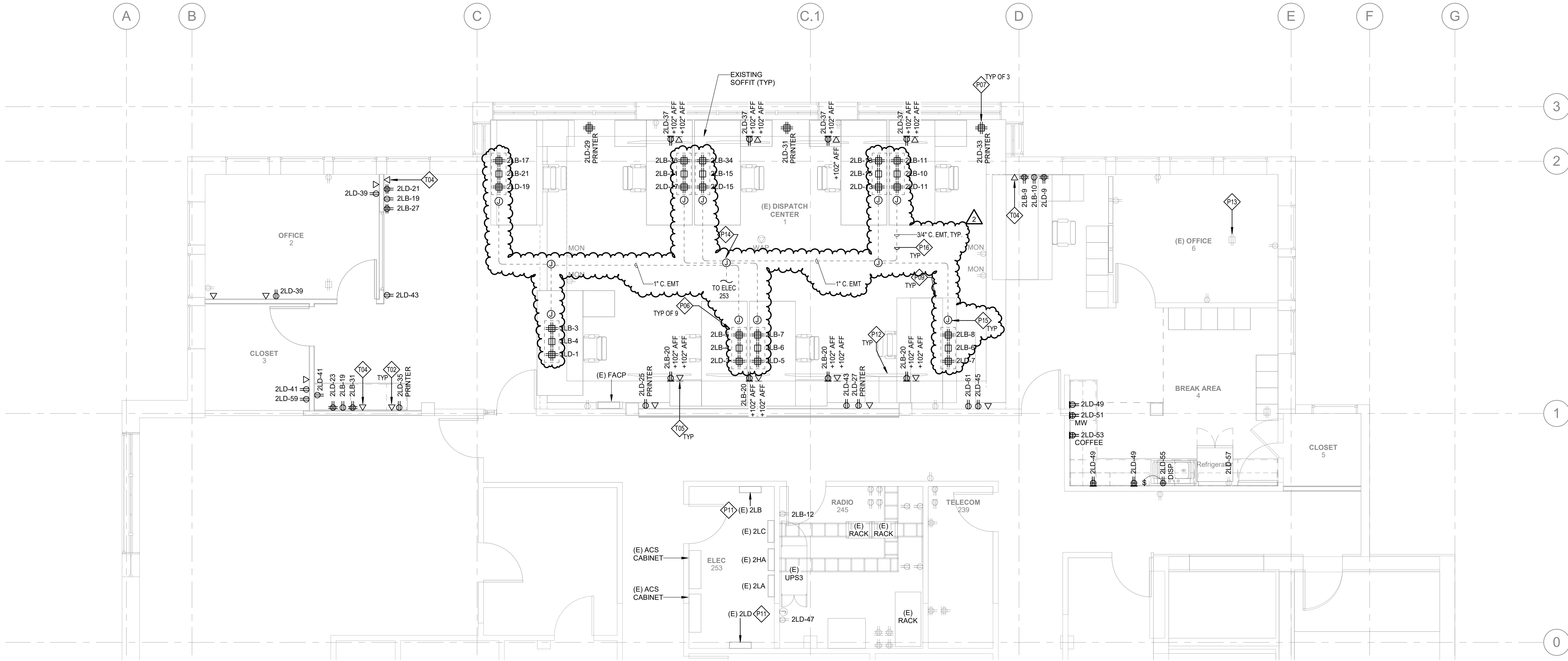
- 1.21. **VALUE ENGINEERING (V.E.) INITIATIVES:** IN ADDITION TO THE "AS SPECIFIED/OR EQUAL" BASE BID, AND LIGHTING AS REQUIRED FOR ITS INDIVIDUAL SECTIONS DURING THE COURSE OF MATERIALS, AND/OR METHODS. EACH SUCH PROPOSAL SHALL INCLUDE A DATA SHEET(S) ON THE SPECIFIED ITEM(S), THE PROPOSED SUBSTITUTE(S), AND THE NET CREDIT TO THE OWNER, INCLUDING ALL CREDITS AND CHARGES FROM ALL MEMBERS OF THE CONSTRUCTION TEAM. THE ENGINEER WILL REVIEW AND RENDER AN OPINION TO THE OWNER. IF THE V.E. INITIATIVE IS DECLINED, PROVIDE THE SPECIFIED EQUIPMENT/MATERIAL/METHOD. IF THE V.E. INITIATIVE IS ACCEPTED, AND IF SUCH ACCEPTANCE RESULTS IN A REQUIREMENT TO REVISE ANY DESIGN DOCUMENTS, THE CHARGES FOR THESE REVISIONS SHALL BE BILLED TO THE CONTRACTOR AND THE INVOICING SHALL BE SETTLED BEFORE THE PROJECT IS SIGNED OFF FOR FINAL ACCEPTANCE.
- 1.22. **BIDDING:** THE CIVIL, ARCHITECTURAL, MECHANICAL, KITCHEN, AND/OR INTERIOR DRAWINGS CONTAIN DETAILED DESCRIPTIONS, CIRCUITING, AND CONNECTION REQUIREMENTS WHICH ARE PART OF THIS CONTRACTOR'S RESPONSIBILITIES. DO NOT SUBMIT BIDS ON THIS PROJECT PRIOR TO REVIEWING ALL PROJECT DRAWINGS, SPECIFICATIONS, AND ADDENDA.
- 1.23. **SPECIFICATIONS BOOK:** THE SPECIFICATIONS CONTAIN SIGNIFICANT INFORMATION, CONDITIONS, AND PROCEDURES WHICH MAY HAVE A SUBSTANTIAL IMPACT ON THIS CONTRACTOR'S COSTS. DO NOT SUBMIT A BID ON THIS PROJECT UNLESS THE SPECIFICATIONS HAVE BEEN THOROUGHLY REVIEWED. THE GENERAL NOTES CONTAINED HEREIN ARE COMPLEMENTARY TO THE SPECIFICATIONS BOOK, AND IN COMPARISON THE MORE STRINGENT REQUIREMENT(S) SHALL GOVERN.

PART TWO - PRODUCTS

- 2.1. **EQUIPMENT STANDARDS:** ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND OF THE HIGHEST QUALITY AVAILABLE ("SPECIFICATION GRADE"). EQUIPMENT SHALL BE CONSTRUCTED TO NEMA STANDARDS AND SHALL BE LABELED FOR THEIR INTENDED PURPOSE BY A RECOGNIZED TESTING AGENCY ACCEPTABLE TO THE AHJ (UL, CSA, ETL, ETC.).
- 2.2. **MANUFACTURERS AND SUPPLIERS:** WHERE EQUIPMENT AND MATERIALS ARE NOT SPECIFIED BY NAME THEY ARE DEEMED TO BE GENERIC, SUBJECT TO THE REQUIREMENTS LISTED HEREIN. THESE MANUFACTURERS ARE CONSIDERED CAPABLE OF OFFERING EQUIVALENT PRODUCTS. MINIMUM STANDARD IN ALL INSTANCES IS COMMERCIAL GRADE:
 SWITCHGEAR: EATON, GENERAL ELECTRIC, SIEMENS, SQUARE D
 LIGHT FIXTURES: ACUITY, COOPER, HUBBELL, THOMAS
 WIRING DEVICES: HUBBELL, LEVITON, LEGRAND, WIREMOLD
 2.3. **CIRCUITING:** ALL WIRING SHALL BE IN CONDUIT, CONCEALED WHERE POSSIBLE EXCEPT WHERE NOTED. EMT WITH STEEL INSULATED THROAT SET SCREW FITTINGS MAY BE USED IN DRY, PROTECTED INTERIOR LOCATIONS. PVC SCHEDULE 40 SHALL BE USED BELOW GRADE AT ALL OUTLET BOXES WITH PERMANENT ADHESIVE MARKER STRIP. PANEL DIRECTORIES SHALL BE USED IN ALL LOCATIONS WHERE EXPOSED TO THE ELEMENTS OR SUBJECT TO PHYSICAL DAMAGE. IMC OR RIGID CONDUIT BELOW GRADE SHALL BE HALF-LAP WRAPPED WITH 20 MIL PVC TAPE. TYPE ENT RACEWAY IS NOT ALLOWED. CONNECT RECESSED AND SUSPENDED LIGHTING FIXTURES, TRANSITIONS AND STUB-UPS. RGS OR IMC CONDUIT WITH THREADED FITTINGS SHALL BE USED IN ALL LOCATIONS WHERE EXPOSED TO THE ELEMENTS OR SUBJECT TO PHYSICAL DAMAGE. IMC OR RIGID CONDUIT BELOW GRADE SHALL BE HALF-LAP WRAPPED WITH 20 MIL PVC TAPE. TYPE ENT RACEWAY IS NOT ALLOWED. CONNECT RECESSED AND SUSPENDED LIGHTING FIXTURES, TRANSITIONS AND STUB-UPS. 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RGS OR IMC CONDUIT WITH THREADED FITTINGS SHALL BE USED IN ALL LOCATIONS WHERE EXPOSED TO THE



01/26/2021



LEVEL 2 DISPATCH POWER PLAN

e201

1 DISPATCH CENTER ELECTRICAL PLAN - LEVEL 2
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- COORDINATE ALL NEW OR PROPOSED WORK WITH EXISTING CONDITIONS. FIELD CONFLICTS AND/OR DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- EXISTING CONDITIONS ARE INDICATED ON THE DRAWINGS WITH HALF-TONE LINE WORK. DEMOLITION WORK IS INDICATED WITH FULL-TONE, DASHED LINE WORK, AND NEW OR PROPOSED WORK IS INDICATED WITH FULL-TONE, SOLID LINE WORK.
- FOR PANELBOARD SCHEDULES, FINAL CONDITIONS AFTER NEW WORK IS COMPLETED ARE SHOWN. FOR RETROFITS ON EXISTING EQUIPMENT, EXISTING CONDITIONS ARE INDICATED WITH NORMAL TYPE FACE AND/OR THE NOTATION (E). MODIFICATIONS ARE INDICATED IN THE DRAWINGS IN BOLD TYPE FACE.
- ALL WORK SHALL COMPLY WITH THE 2017 NFPA 70 NATIONAL ELECTRICAL CODE.

SHEET KEYNOTES

- P06** ELECTRICAL FLOOR BOX FOR POWER AND COMMUNICATIONS. PROVIDE HUBBELL CFB4G30 WITH ELECTRICAL WHIPS FOR CONNECTION TO OWNER FURNISHED DISPATCH CONSOLE FURNITURE MOUNTED RECEPTACLES. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH FINAL FF&E SUBMITTALS. PROVIDE (1) UPS BACKUP CIRCUIT FOR A QUAD RECEPTACLE, (1) UPS BACKUP CIRCUIT FOR A DUPLEX RECEPTACLE, AND (1) NORMAL CIRCUIT FOR A QUAD RECEPTACLE FOR NON CRITICAL LOADS. POKE-THRU SHALL BE MOUNTED TO RAISED FLOOR TILE. CONTRACTOR SHALL ROUTE WHIPS VIA POKE-THRU AT THE LOCATIONS SHOWN AND PROVIDE (10) FEET OF FMC TO PROVIDE FLEXIBILITY FOR LOCATING THE POKE-THRU IN THE DISPATCH CENTER. COORDINATE FINAL CONDUIT ROUTINGS WITH OWNER. TELECOMMUNICATIONS DEVICES, CABLING, AND TERMINATIONS FOR CONSOLES BY OTHERS.
- P07** ELECTRICAL FLOOR BOX. PROVIDE HUBBELL CFB2G30 WITH (1) DUPLEX OUTLET FOR POWER AND (1) SINGLE GANG BOX RESERVED FOR COMMUNICATIONS. BY OTHERS.
- P09** DISPATCH CONSOLE DESKS, BY OTHERS.
- P11** REFER TO PANEL SCHEDULES FOR DETAILS ON PANEL MODIFICATIONS.
- P12** FLAT SCREEN TV MONITORS, BY OTHERS.
- P13** PROVIDE NEW BRASS DUPLEX LIFT-LID COVER PLATE ON THE EXISTING FLOOR MOUNTED OUTLET. FIELD VERIFY REQUIREMENTS.
- P14** PROVIDE JUNCTION BOX BENEATH ACCESSIBLE RAISED FLOOR IN THIS LOCATION. ROUTE ALL BELOW FLOOR CRITICAL AND NORMAL POWER FEEDS SERVING THE DISPATCH CONSOLES THROUGH THIS JUNCTION BOX. COORDINATE EXACT LOCATION WITH FINAL RAISED FLOOR INSTALLER AND OWNER. FIELD VERIFY.
- P15** PROVIDE JUNCTION BOX BENEATH ACCESSIBLE RAISED FLOOR IN THIS LOCATION. COORDINATE EXACT LOCATION WITH FINAL RAISED FLOOR INSTALLER AND OWNER. FIELD VERIFY.
- P16** PROVIDE CONDUIT RACEWAY BENEATH ACCESSIBLE RAISED FLOOR IN THIS LOCATION. COORDINATE EXACT LOCATION AND CONDUIT SWEEPS WITH FINAL RAISED FLOOR INSTALLER AND OWNER. FIELD VERIFY.
- T02** TELECOMMUNICATIONS DEVICE. PROVIDE SINGLE GANG JUNCTION BOX WITH MUD RING AT +18" AFF AND 1" C. EMT FROM BOX TO +6" ABOVE FINISHED CEILING. TELECOMMUNICATIONS EQUIPMENT CONNECTIONS BY OTHERS.
- T04** TELECOMMUNICATIONS DEVICE. PROVIDE 4-SQUARE JUNCTION BOX WITH MUD RING AT +18" AFF AND (2) 1" C. EMT FROM BOX TO +6" ABOVE FINISHED CEILING. TELECOMMUNICATIONS CABLING, DEVICES, AND CONNECTIONS BY OTHERS.
- T05** TELECOMMUNICATIONS DEVICE. PROVIDE SINGLE GANG JUNCTION BOX WITH MUD RING AT MOUNTING HEIGHT INDICATED AND 1" C. EMT FROM BOX TO +6" ABOVE FINISHED CEILING. TELECOMMUNICATIONS EQUIPMENT CONNECTIONS BY OTHERS.

DISPATCH CONSOLE PROPOSED CRITICAL LOADS AT EACH DISPATCH STATION

QTY	EQUIPMENT	LOAD (W)
1	WEST COMMUNICATIONS 911810-1	250
1	HARRIS R9063 REV C	4
1	HP Z2SFF G4 WORKSTATION DISPATCH	400
6	HP PRODISPLAY P221 MONITOR	132
1	HP ELITEDISPLAY E2711 LED BACKLIT DISPLAY	40
1	SHS2900-01 HEADSET DOCK	5
1	HARRIS DDC100 DIGITAL DESKTOP CONTROLLER	4
1	INTRADO CONSOLE	250
1	CPU CABINET COOLING FAN	36
TOTAL		1121

DISPATCH CONSOLE PROPOSED NORMAL LOADS AT EACH DISPATCH STATION

QTY	EQUIPMENT	LOAD (W)
1	XYBIX T4 TABLE	600
1	MYCLIMATE PERSONAL CLIMATE CONTROL	492
1	TASK LIGHTING	18
TOTAL		1110

SPARKS PD DISPATCH REMODEL
 City of Sparks

**1701 E PRATER WAY
 SPARKS NV 89434**

No.	Description	Date
2	BID COMMENTS	2/17/2021

CONSTRUCTION SET
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