



IFB-24-505 Addendum No.1:

Questions from Bidders:

1. Question: What is in-scope of this contract at the Carlson Park site?

Answer: Civil work at the Carlson Park site will be limited to marking/designating parking stalls as "EV Charging Only" and installation of two (2) wheel stops. Wheel stops shall be: Rubberform Wheel Stop RF-RBR14HDG. No new paving for parking stalls will be required at the Carlson Park site.

Electrical work at Carlson Park will be limited to providing and installing EV circuit conductors (in conduit by others), breakers for EV circuits (in sub-panel by others), and installation and activation of EV Charging Stations (stations provided by others, charging station foundations provided by others).

2. Question: Will RCEA provide an updated Bid form to reflect the updated scope of work?

Answer: Yes, Bidders must use the updated Bid Form, attached to this Addendum, for their bid submission.

3. Can RCEA provide a copy of the attendee's list from the mandatory pre-bid conference?

Answer: Yes, see attached.

4. Question: Can RCEA provide the PG&E construction drawings for the McKinleyville Library and Mad River Community Hospital sites?

Answer: Yes, see attached.

5. Is it possible to substitute an Eaton product for the specified Siemens panel board?

Answer: Yes, it is acceptable to substitute an Eaton product in place of the Siemens product. PG&E has approved the switch gear submittal, so any alternative has to be completely equivalent in meeting all PG&E Greenbook requirements. Bidders may submit spec sheets for proposed substitutions to RCEA by 3:00 p.m. PDT, Wednesday, September 4, 2024, and RCEA

will submit to PG&E for review and approval and will share PG&E's response with bidders, if possible, no later than 72 hours prior to the bid deadline.

6. Question: Are the EVCS signage details (detail #10) and signpost details (detail #9) that are shown as "optional" on sheet C1 required for this project.

Answer: No, those signs are not required, please do not include these in your bid.

7. Question: It appears that Note 4 (about residual current detection) Note 5 (max number of stations downstream of an RCD) and Note 7 (about type 2 surge protection from IEC reference) on Sheet E1 all come from ChargePoint's European spec sheets. Are these required for this project?

Answer: No, these provisions are not required for this project, please ignore notes 4, 5, and 7 on Sheet E1. See below for updated E1 notes:

EV CHARGING STATION CONSTRUCTION NOTES:

1. INSTALL CHARGING STATIONS PER MANUFACTURER RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, CEC 2022, AND ALL STATE AND LOCAL BUILDING CODES.
2. RECOMMEND CHARGEPOINT CHARGING STATIONS (OR APPROVED EQUIVALENT). SEE SITE SPECIFIC CIVIL SHEETS FOR SPECIFIC CHARGING STATION MODELS.
3. EV CHARGERS ARE TO BE TYPE 1, LEVEL 2 CHARGERS.
- ~~4. CHARGERS SHALL BE INSTALLED WITH EITHER A RCD (RESIDUAL CURRENT DETECTION) 30mA TYPE B OR A RCD TYPE A + 6mA RDC-DD (IEC 60364-7-722).~~
- ~~5. A MAXIMUM OF ONE CHARGING STATION CAN BE INSTALLED DOWNSTREAM OF RCD TYPE A (IEC 60364-7-722).~~
6. A DEDICATED CIRCUIT SHALL BE USED FOR EACH CONNECTING PORT ON A CHARGER (IEC 60364-7-722).
- ~~7. EACH CHARGING STATION SUPPLIED BY AN UNDERGROUND ELECTRICAL LINE SHALL BE EQUIPPED WITH AN EARTHING ROD AND BE EQUIPPED WITH A TYPE 2 SURGE PROTECTIVE DEVICE, INSTALLED LOAD SIDE OF THE MAIN SERVICE (IEC 60364-7-722).~~
8. A MEANS OF DISCONNECT INSTALLED IN A READILY ACCESSIBLE LOCATION WITHIN EYESIGHT OF THE CHARGING STATIONS (CEC 625.43).
9. EV CHARGING CABLES MUST NOT EXCEED 25 FEET IN LENGTH AND HAVE NO MID-CORD COUPLINGS (CEC 625.17) AND BE INTERLOCKED TO DE-ENERGIZE WHEN UNPLUGGED FROM A VEHICLE OR SUBJECTED TO STRESS (CEC 625.18).
10. ALL CONDUCTORS AND CONDUIT HAVE BEEN SIZED TO ACCOMMODATE 19KW CHARGING STATIONS. CHARGING STATION EQUIPMENT TO BE SPECIFIED BY LOCATION.

SECTION 00 41 00 – BID FORM

TO: Redwood Coast Energy Authority

Installation of EV Charging Stations for RCEA Charging Network-ARCATA &
MCKINLEYVILLE

RCEA Project No. IFB-24-505

Name of Bidder:

(Note: Name must be exactly as it appears on Contractor's License.)

Business Address:

Telephone Number:

Residence Address:

The work to be done shall be constructed in accordance with the Contract Documents and the General Prevailing Wage provisions as specified in the "Invitation To Bidders".

Bids are submitted for the entire work. The amount of “The Bid” for comparison purposes will be the determination of the apparent low bid as specified in Section 00 21 13, “Instructions to Bidders”.

The Bidder shall set forth for the Base Bid and each Alternate, if any, in clearly legible figures, a written lump sum price and a numeric lump sum price.

In case of a discrepancy between the two notated prices, the written price shall prevail, unless, however, if the amount set forth in writing is ambiguous, unintelligible, or uncertain for any cause, or is omitted, then the amount set forth in the numeric column for the item shall prevail.

If this proposal shall be accepted and the undersigned fails to enter into the Contract and to give the bonds as required within ten (10) calendar days after the Bidder has received notice that the contract has been awarded, RCEA may, at its option, determine that the Bidder has abandoned the Contract, and thereupon this bid and the acceptance thereof shall be null and void and the forfeiture of such security accompanying this bid shall be forfeited and become the property of RCEA.

The undersigned, as Bidder, declares that the only persons or parties interested in this bid as principals are those named therein; that the bid is submitted without collusion with any other person, firm, or corporation; that Bidder has carefully examined the location of the proposed work, the proposed form of contract, and the plans therein referred to; and proposes and agrees if this bid is accepted, that Bidder will contract with RCEA in the form of RCEA’s contract, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the material specified in the contract, in the manner and time therein

prescribed, and according to the requirements of the Owner's Engineer as therein set forth, and that he will take in full payment therefor the following item prices to wit:

Receipt and compliance with the following Addenda to the Contract Documents is acknowledged:

1. Addendum No.____ Dated_____
2. Addendum No.____ Dated_____
3. Addendum No.____ Dated_____
4. Addendum No.____ Dated_____
5. Addendum No.____ Dated_____

I, _____, as an agent for _____, declare under penalty of perjury under the laws of the State of California, that the information contained in this Bid is true and correct.

Executed at _____, California, on _____, 2024

The project shall be complete within the time limits specified in Section 00 22 13, "Supplementary Instructions To Bidders." The undersigned is aware the Contract includes provisions for liquidated damages as specified in Section 00 21 13, "Supplementary Instructions To Bidders," if the Project is not completed within the agreed time of completion.

THE UNDERSIGNED, as Bidder, proposes the following:

BASE BID:

To furnish and complete the entire work as shown on the drawings and listed in the specifications, including required contract, bonds, and insurance, without additions or subtractions on account of specified alternates, for the sum of:

Base Bid (Lump Sum):	
_____	\$ _____
Total Amount in Words	Total

PRICE BREAKDOWN:

RCEA will provide the new charging station equipment (dual-port ChargePoint CP6021 units) to be installed at each site, so those costs should be omitted from this bid.

Note the following details about civil work at each site:

- Civil work at the Azalea Hall/McKinleyville Library site and the Mad River Community Hospital site will include foundations, trenching, backfilling, concrete, paving, and striping associated with construction of parking stalls.
- Civil work at the Carlson Park site will be limited to **marking/designating parking stalls as “EV Charging Only” and installation of two (2) wheel stops. Wheel stops shall be: Rubberform Wheel Stop RF-RBR14HDG.** ~~charging station foundations, bollards and striping associated with designation of parking stalls.~~ No new paving for parking stalls will be required at the Carlson Park site.

Note the following details about electrical work at each site:

- Electrical work at the Azalea Hall/McKinleyville Library site and the Mad River Community Hospital site will include the meter panel, breakers, pull boxes, wire, conduit, and installation of the RCEA-provided charging stations.
- At the Carlson Park site, the meter socket and CT cabinet, disconnect and subpanel will be provided and installed by others and is not in scope for this contract.
- Electrical work at the Carlson Park site will **be limited to providing and installing EV circuit conductors (in conduit by others), breakers for EV circuits (in sub-panel by others), and installation and activation of EV Charging Stations (Stations provided by others, charging station foundations provided by others).** ~~include breakers, conductors, and installation of RCEA-provided charging stations~~

Please provide information below to break out the civil and electrical work for easier evaluation.

<u>Site</u>	<u>Civil Cost</u>	<u>Electrical Cost</u>	<u>Total Site Cost</u>
Azalea Hall/McKinleyville Library site	\$	\$	\$
Mad River Community Hospital site	\$	\$	\$
Carlson Park site			
Total Project Cost	\$	\$	\$

BID ALTERNATES:

None for this project

UNIT PRICES

For changing quantities of work items from those indicated on the contract drawings and specifications, upon written instructions from the Owner's Engineer, the following prices shall prevail:

1. None for this project

The above unit prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance etc., to cover the finished work of the several kinds called for. Changes shall be processed in accordance with the General Conditions.

Proposal Signature Page

Accompanying this proposal is _____
(Insert the words "Cash (\$)", "Cashier's Check", "Certified Check", or "Bidder's Bond", as the case may be) in the amount of at least ten percent (10%) of the total Bid Price submitted. The names of all persons interested in the foregoing proposal as Principals are as follows:

(NOTE: If a Bidder or other interested person is a Corporation, state the legal name of the corporation, also names of the president, secretary, treasurer, and manager thereof; if a Co-partnership, state the true name of the firm, also state the names of all individual co-partners composing the firm; if the Bidder or other interested person is an Individual, state the first and last names in full.)

Licensed in accordance with the Act providing for the registration of Contractors:

License No.: _____ Expiration Date: _____
DIR Number: _____

By my signature on this bid I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements of Public Contract Code Section 10162, and 10232, are true and correct and that the bidder has complied with the requirements of Section 8102 of the Fair Employment and Housing Commission Regulations (Chapter 5, Title 2 of the California Administrative Code). By my signature on this bid I further certify, under penalty of perjury under the laws of the State of California and the United States of America, that the Non-Collusion Declaration required by Title 23 United States Code, Section 112, and Public Contract Code Section 7106; and the Title 49 Code of Federal Regulation, Part 29 Debarment and Suspension Certification are true and correct.

Signature of Bidder

Date

If a Bidder is a Corporation or a Co-partnership:

Name of Corporation or Firm Name of Co-partnership

Signatures of officer(s) or partners authorized to sign contracts on behalf of the Corporation or Co-partnership, Corporations require signature by 2 (two) corporate officers:

_____	_____
Name	Title
_____	_____
Name	Title

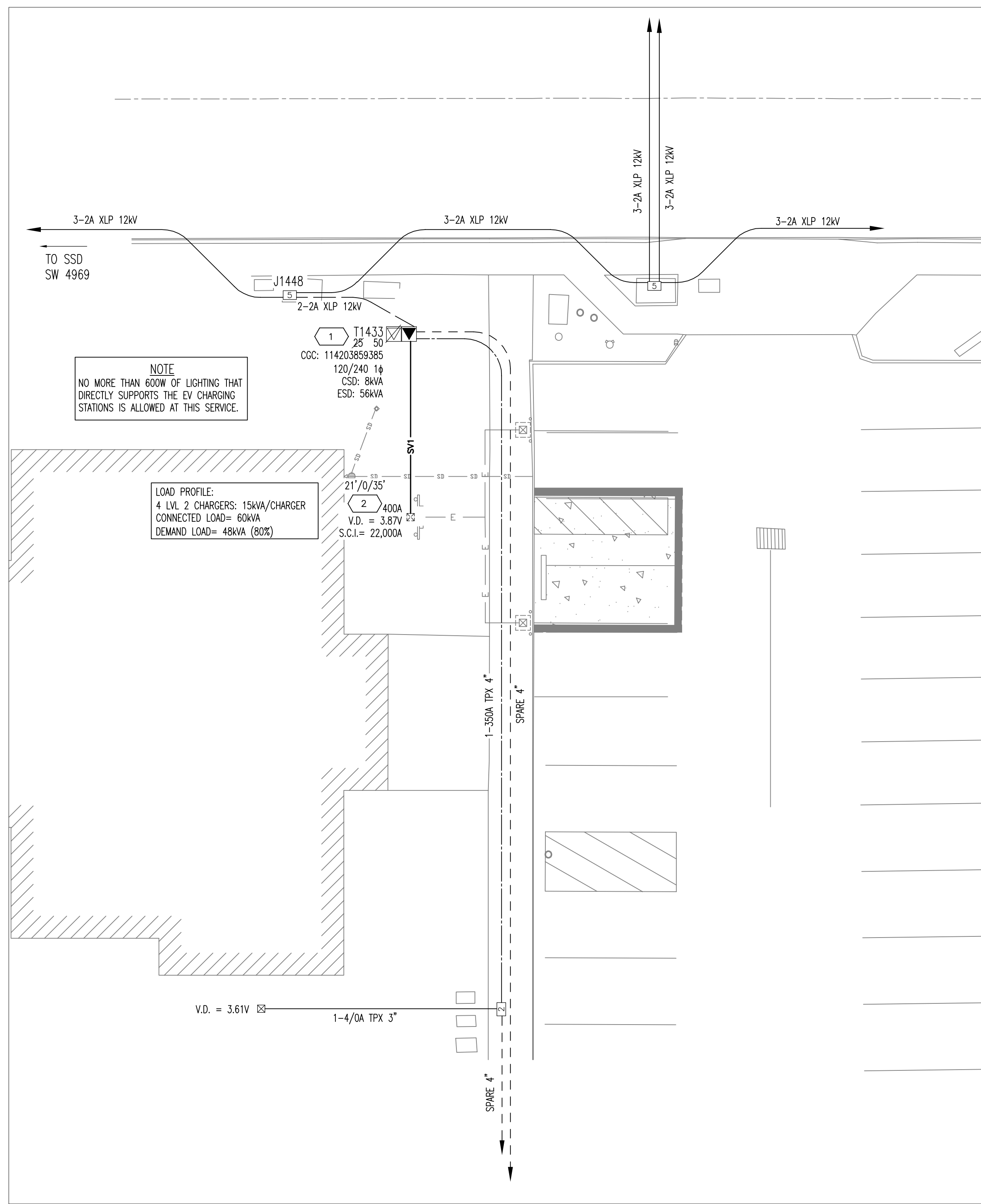
If Signature is by an agent, other than an officer of a corporation or a member of a partnership, a Power of Attorney must be on file with RCEA prior to opening Bids or may be submitted with the Bid; otherwise, the Bid will be disregarded as irregular and unauthorized.

END OF SECTION 00 41 00

SIGN-IN SHEET FOR PRE-BID CONFERENCE

PROJECT: Installation of EV Charging Stations for RCEA Network -ARCATA & MCKINLEYVILLE
DATE: August 28, 2024. **Time Started:** 9:00 am
MEETING LOCATION: 1606 Pickett Rd, McKinleyville CA, 95519, Mad River Hospital, Arcata, Carlson Park, Arcata

CONTRACTOR/PROPOSER BUSINESS NAME	CONTRACTOR LICENSE NUMBER	ATTENDEE NAME (Please Print)	PHONE NUMBER	EMAIL ADDRESS
mobly const inc	9953333	Steve Ledke	499-9467	chled@acj.com
ATC	944965	ADRIEL TANSKI	499-2618	ATC741@YAHOO.COM
ACGC	875823	Kevin Scheffler	443-6000	will@agcinc.com
SEQUOIA CONST	624264	ADAM PRITCHARD	442-3596	ADAME@SEQUOIACONST.COM
Heaven & Reese	1078205	Nick Reese	481-7279	nich@haverlandrease.com
QUEST	636023	Derrick Rebell	415 6575 637 6575	direbello@quest-world.com



NOTES:

09-18-18

REFER TO ELECTRIC & GAS SERVICE REQUIREMENTS (GREEN BOOK) OR SEPARATE PG&E STANDARD DRAWINGS. CONTACT YOUR PG&E REPRESENTATIVE FOR COPIES, OR ACCESS www.pge.com/greenbook

CONDUIT, TRENCHING, AND BACKFILL:

- 1) ALL DIMENSIONS AND LOCATIONS ARE ESTIMATED, APPROXIMATE AND MAY BE SUPERSEDED BY A JOINT TRENCH DRAWING. REFER TO THE JOINT TRENCH COMPOSITE DRAWING FOR EXACT TRENCH LOCATION
- 2) MAINTAIN MAXIMUM PRACTICABLE HORIZONTAL CLEARANCE BETWEEN PG&E FACILITIES AND "WET" UTILITIES (WATER, SEWER, STORM DRAIN, ETC.). THE MIN. ALLOWABLE SEPARATION BETWEEN PG&E FACILITIES AND ANY PARALLEL "WET" UTILITY IS 3/FT. WITH A PRESENCE OF 1/FT. OF UNDISTURBED EARTH OR THE INSTALLATION OF A SUITABLE BARRIER. THIS MEASUREMENT IS BETWEEN THE OUTER EDGE OF THE PG&E FACILITY AND THE OUTER EDGE OF THE PARALLEL "WET" FACILITY. IF 3/FT. CANNOT BE MAINTAINED, A FORMAL VARIANCE MUST BE OBTAINED FROM PG&E WORK WITH THE PG&E INSPECTOR (REFERENCE PG&E UO STANDARD S5453).
- 3) BOX, PAD, AND CONDUIT SIZES AND LOCATIONS SHALL CONFORM TO THE PG&E ELECTRIC CONSTRUCTION DRAWING.
- 4) PROVIDE LONG CONDUIT SWEEPS WHERE INDICATED. RECOMMENDED SWEEP RADIUS (10' OF RADIUS PER INCH OF CONDUIT DIAMETER) EXAMPLE: 4" CONDUIT = 40' RADIUS
- 5) DO NOT EXCEED 300 DEGREES OF BENDS IN ANY CONDUIT RUN (INCLUDING FEED LOCATION). NOTE: SECONDARY AND SERVICE RUNS OF 200 FEET OR LESS MAY HAVE UP TO 315 DEGREES OF BENDS (REFERENCE PG&E DOCUMENT 038193).
- 6) MANUFACTURED BENDS OR APPLICATION OF HEAT SHALL NOT BE USED TO OBTAIN LONG CONDUIT SWEEPS.
- 7) ALL CONDUITS SHALL BE PROVEN AND A POLYESTER PULLING TAPE INSTALLED.
- 8) MANUFACTURED BENDS ARE NOT TO BE CUT, SHORTENED, OR ALTERED IN ANY WAY.
- 9) IDENTIFY ENDS OF BURIED CONDUIT WITH AN ELECTRONIC MARKER AND A VERTICAL CONDUIT SCRAP INSTALLED FROM RIGID CAP TO GROUND LEVEL.
- 10) CONDUITS ENTERING PRIMARY BOXES SHALL BE AT A RIGHT ANGLE TO THE WINDOW OR WALL.
- 11) STUB CONDUITS AT RISER POLES IN QUADRANTS AS SHOWN. AT IDENTIFIED POLE LOCATIONS, THE TRENCHING AGENT IS TO EXCAVATE TO TRENCH DEPTH AND INSTALL A 30" DIAMETER CARDBOARD TUBE. THE RISER CONDUIT BEND IS TO BE PLACED OUTSIDE AND ADJACENT TO THE TUBE AT THE POLE QUADRANT INDICATED. BACKFILL AROUND AND INSIDE TUBE WITH CLEAN NATIVE FILL.
- 12) LS2 STREET LIGHT CONDUIT GOING TO PG&E BOXES OR PEDESTALS NOT DESIGNATED AS P.O.S. (INCLUDING TRANSFORMERS) WILL NOT BE ACCEPTED OR CONNECTED.
- 13) ONLY ONE LS2 STREET LIGHT (P.O.S.) CONNECTION PER BOX OR PEDESTAL.

LAND RIGHTS AND EASMENTS:

14) APPLICANT TO PROVIDE ADEQUATE P.U.E'S AND/OR ROW'S FOR PG&E FACILITIES. ANY ADDITIONAL REQUIRED RIGHTS OF WAY ARE TO BE SURVEYED AND DOCUMENTED BY PG&E AT THE APPLICANT'S EXPENSE.

SAFETY AND WORKMANSHIP:

- 15) CALL 811 (UNDERGROUND SERVICE ALERT) 48 HOURS PRIOR TO EXCAVATION FOR UNDERGROUND UTILITY LOCATION MARKING.
- 16) 48 HOUR NOTICE REQUIRED FOR UNDERGROUND INSPECTION.
- 17) MATERIALS AND WORKMANSHIP SHALL BE FIRST QUALITY IN EVERY RESPECT, PLUMB AND TRUE, AND ACCORDING TO THE SPECIFIC REQUIREMENTS OF THE DRAWINGS AND THE ABOVE APPLICABLE NOTES AND SPECIFICATIONS.
- 18) THE APPLICANT IS TO VERIFY ALL PROPOSED INSTALLATIONS, CONDITIONS & SPECIFICATIONS PRIOR TO COMMENCING WITH ANY PORTION OF WORK. ANY DISCREPANCIES, DELETIONS OR INCONSISTENCIES ARE TO BE REPORTED TO THE PG&E REPRESENTATIVE IMMEDIATELY. THE APPLICANT SHALL COMPLY WITH ALL APPLICABLE SPECIFICATIONS. ANY VARIATIONS FROM PLANS OR SPECIFICATIONS RELIEVES PG&E OF ALL RESPONSIBILITY FOR THE SUBSTRUCTURE OR DESIGN.

---WORK AGENT RESPONSIBILITIES---

ALL ELECTRIC RULE 29 WORK TO EDGE OF APPLICANT'S SWITCHGEAR PAD INCLUDING TRENCH/EXCAVATION, CONDUIT(S), AND SUBSTRUCTURE TO BE COMPLETED BY PG&E (LOC. 1-2)

PER ELECTRIC RULE 29.E.1.C, APPLICANT TO INSTALL CONDUIT SWEEPS AND STUB CONDUIT TO EDGE OF SWITCHGEAR PAD. SWEEPS TO BE INSPECTED BY PG&E INSPECTOR.

---LAND RESPONSIBILITIES---

LOC. 1 VERIFY EXISTING EASEMENT, APPLICANT TO PROVIDE IF EASEMENT IF NEEDED.

LOC. 2 PG&E TO REVIEW AND DETERMINE IF ADDITIONAL LAND RIGHTS ARE NEEDED.

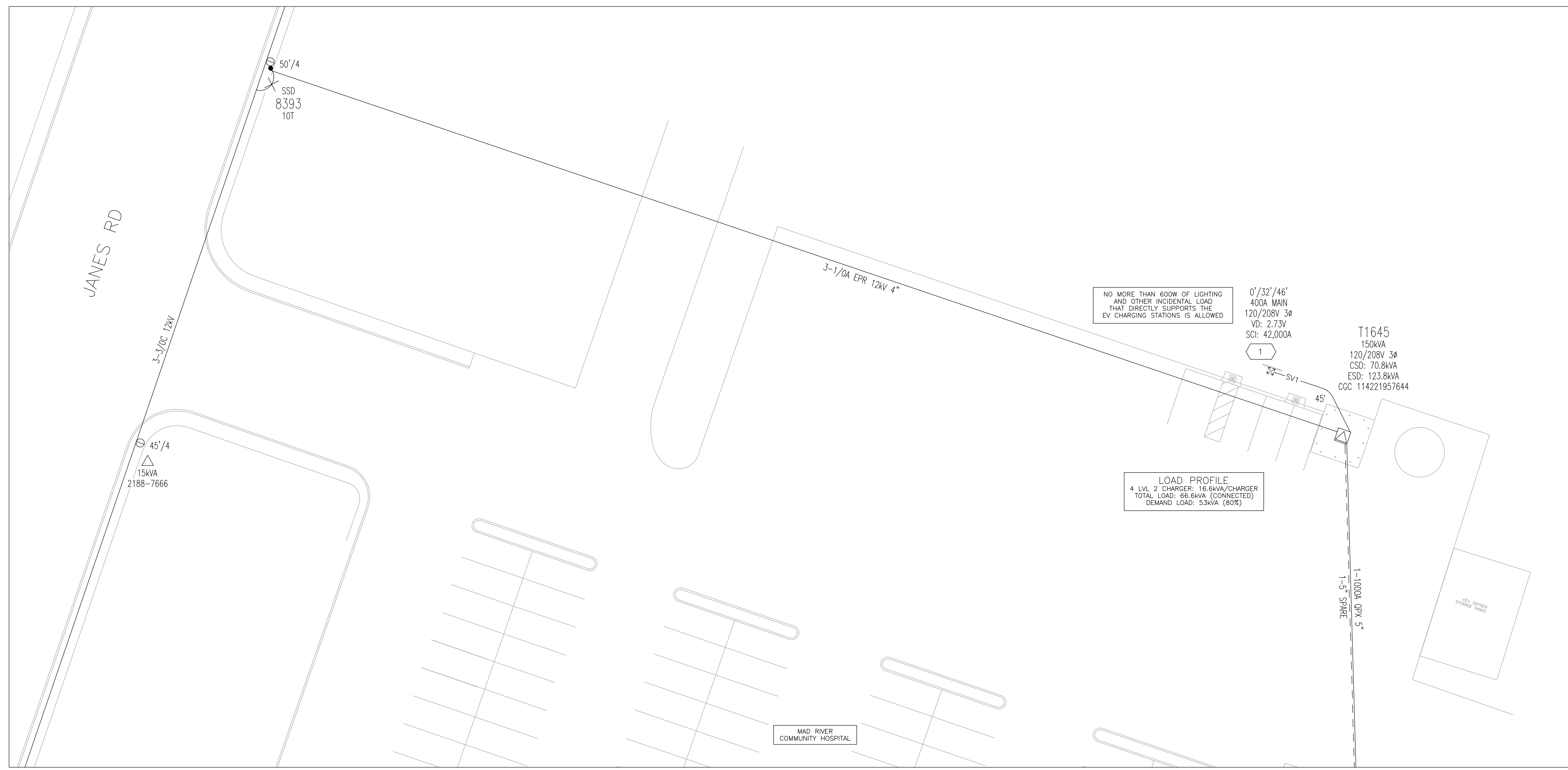
LEGEND		
INSTALL	EXISTING	DESCRIPTION
—S2		SERVICE CABLE: 1 RUN OF 750A TPX IN 1 OF 1-4" CONDUIT
▲	□	PM TRANSFORMER, IIE
xx'xx'xx'		CONDUIT IN FRANCHISE/ CONDUIT ON PVT PROP/ CABLE LENGTH

EST: LIZETH CUMMINS 559-378-3544	ENGINEERING AND PLANNING DEPT. 8 RIVER PARK PLACE EAST FRESNO, CA 93720	NO ENVIRONMENTAL ISSUES	DATE: 03/20/2024	SHEET: 1 OF 1
REP: DANIEL PINA 279-789-6266	REPL: LINDSAY MOUTON 530-228-5077	811 Know what's below. Call before you dig.	SCALE: 1"=10'	DATE: 03/20/2024
NOTIF: 12/17/05/065	PG&E	NO ENVIRONMENTAL ISSUES	DATE: 03/20/2024	SHEET: 1 OF 1
PM: 35494604	NEAR LOC:	NO ENVIRONMENTAL ISSUES	DATE: 03/20/2024	SHEET: 1 OF 1
PRIMARY VOLTAGE: 12 KV	VOLTAGE AREA: 2	REVISIONS	NO. DATE	
LATITUDE: 40.94425	LONGITUDE: -124.09959	DESCRIPTION		
SOURCE SIDE DEVICE: SW 4969				
SUB. & CIRCUIT: JAMES CREEK 1103				
SSN SAG: N/A	RAFTER ZONE: NO			
LOADING AREA: LIGHT	ARRESTER DIST: 2			
CORROSION AREA: SEVERE	INSULATION DIST: AA			
EQUIP. INST.: N/A	FIRE AREA: LRA-TIER 1			

CONSTRUCTION SKETCH
1615 PICKETT ROAD, MCKINLEYVILLE
164-INSTALL NEW SERVICE FOR EV CHARGERS

PACIFIC GAS & ELECTRIC COMPANY

0 INCH 1



NO MORE THAN 600W OF LIGHTING AND OTHER INCIDENTAL LOAD THAT DIRECTLY SUPPORTS THE EV CHARGING STATIONS IS ALLOWED

0' / 32' / 46'
400A MAIN
120/208V 3Ø
VD: 2.73V
SCI: 42.000A

T1645
150kVA
120/208V 3Ø
CSD: 70.8kVA
ESD: 123.8kVA
COC 114221957644

LOAD PROFILE
4 LVL. 2 CHARGER: 16.6kVA/CHARGER
TOTAL LOAD: 66.6kVA (CONNECTED)
DEMAND LOAD: 53kVA (80%)

MAD RIVER
COMMUNITY HOSPITAL

INSTALL	EXISTING	DESCRIPTION
—SV1—		SERVICE CABLE: 1 RUN OF 750A GPX IN 1 OF 1-5" CONDUIT
XX'XX'XX'	⊠	PAD MOUNT TRANSFORMER - SIZE AS SHOWN
		CONDUIT IN FRANCHISE/CONDUIT ON PVT PROP/CABLE LENGTH + TAILS

-- WORK AGENT RESPONSIBILITIES --

ALL ELECTRIC RULE 29 WORK TO EDGE OF APPLICANT'S SWITCHGEAR PAD INCLUDING SERVICE TRENCH/EXCAVATION CONDUIT(S) AND SUBSTRUCTURE(S) TO BE COMPLETED BY PG&E (LOC 1).

PER ELECTRIC RULE 29.E.1.c, APPLICANT TO INSTALL CONDUIT SWEEPS AND STUB CONDUIT TO EDGE OF SWITCHGEAR. SWEEPS AND STUBS TO BE INSPECTED BY PG&E INSPECTOR.

-- LAND RESPONSIBILITIES --

PG&E TO REVIEW SERVICE EXTENSION AND DETERMINE IF ADDITIONAL LAND RIGHTS ARE NEEDED (LOC 1).

CONSTRUCTION SKETCH
3798 JANES ROAD
ARCATA
PACIFIC GAS & ELECTRIC COMPANY

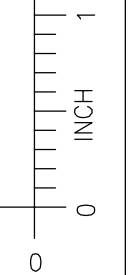
ENGINEERING AND PLANNING DEPT.
8 RIVER PARK PL E
FRESNO CA 93720

EST: MELISSA COSTA 559-423-3079
ADE: CHRIS WILTSIE 559-825-3450
SUPV: CORY HENDRICKS 805-305-3987
REP: LINDSAY MOUTON 5302285077
PLNR: DANIEL PINA 707-579-6114
NOTIF: 12/18/2023
SCALE: 1"=30'
DATE: 2/29/2024
SHEET: 1 OF 1 REV: 0

NO ENVIRONMENTAL ISSUES NEAR LOC.
GAS CONFLICT: IN PROXIMITY

PRIMARY VOLTAGE: 12 KV VOLTAGE AREA: 2
LATITUDE: 40.897165 LONGITUDE: -124.091483
SOURCE SIDE DEVICE: FUSE 8393
SUB. & CIRCUIT: ARCATATA 1106
DSCN SAG: SSSU RPTOR: ZONE: NO
LOADING AREA: LIGHT ARRESTER DIST: 2
CORROSION AREA: SEVERE INSULATION DIST: AA
EXEMPT EQUIP. INST.: N/A FIRE AREA: LRA-TIER 1

811 Know what's below. Call before you dig.



-End of IFB-24-505 Addendum No.-1