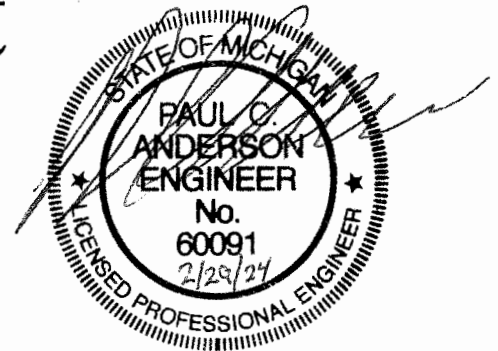




IRONWOOD
MICHIGAN | *Find Your North*

CITY OF IRONWOOD

Curry Park Campground Upgrade Project 2024



This Institution is an Equal Opportunity Provider, Employer and Housing Employer/Lend



City of Ironwood -Bid Advertisement 2024 Curry Park Campground Upgrade Project

The City of Ironwood is soliciting bids for Curry Park to include electrical upgrades to existing campsites.

The Ironwood City Clerk in the Memorial Building, Ironwood, Michigan 49938 will receive sealed offers until 10:00 A.M., Friday, April 12, 2024, at which time the bids shall be read aloud. State or federal funds are being used to assist in construction and relevant State or federal requirements will apply.

Bid Documents may be obtained from the City Clerk, Memorial Building, 213 S. Marquette Street, Ironwood, Michigan 49938, (906) 932-5050 or by visiting www.ironwoodmi.gov/government/projects.

The City reserves the right to accept or reject any and all bids.

Jennifer L. Jacobson
City Clerk

City of Ironwood
Proposal for Curry Park

Bids Received Until 10:00 A.M. on Friday, April 12, 2024

PROPOSAL OF:

Company Name: _____

Email: _____

Address: _____

Phone: _____

Project: 2024 Curry Park Campground Upgrades

Location: See Attached Map (Appendix A)

Type of Work: Electrical Campsite Upgrade

Notice to Bidders: In submitting Bid, you must return this complete proposal.

Bid Solicitation

- Issued By: City of Ironwood
- Type of Solicitation: Sealed Bids.
- Project Name: 2024 Curry Park Campground Upgrades
- Project Location: Curry Park in Ironwood, Michigan. Please see attached map (Appendix A).
- Site Inspection: Bidders are encouraged to visit the site prior to submitting a bid. Interested bidders may contact Paul Anderson, City Manager at 906-932-5050 ext. 116 or Jason Alonen, DPW Supervisor at 906-675-9157.
- Delivery of Proposal: The proposals shall be submitted in a sealed envelope, plainly marked with the name of the Project and the name and address of the bidder on the outside of the envelope. All offers must be received by the City Clerk prior to the time and at the place specified in the advertisement. Email bids received in PDF format accepted. Must state project name with bid opening date in subject line. Faxed bids are not acceptable.
- Award Project: A contract will be awarded to the lowest responsive and responsible bidder, based on any combination of the bid items, depending on our available budget. The City of Ironwood reserves the right to reject any and all bids as in the best interest of the City. State or federal funds are being used to assist in construction and relevant State or federal requirements will apply.

Special Provisions

1. Underground Utilities

- (a) For protection of underground utilities and in conformance with Public Act 53, 1974, the Contractor shall call 1-800-482-7171 a minimum of three full working days, excluding Saturdays, Sundays, and Holidays prior to beginning each excavation in areas where public utilities have not been previously located. Members will thus be routinely notified. This does not relieve the Contractor of the responsibility of notifying utility owners who may not be part of the “Miss Dig” alert system.

2. State and Federal Requirements

- (a) The project will comply with all requirements of 1976 PA 453 (Elliott-Larsen Civil Rights Act) and 1976 PA 220 (Persons with Disabilities Civil Rights Act), as amended. The contractor and any subcontractors not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status or a disability that is unrelated to the individual’s ability to perform the duties of a particular job or position.
- (b) State or federal funds are being used to assist in construction and relevant State or federal requirements will apply.

3. Construction Coordination / Permits

- (a) Construction will need to be coordinated with the City of Ironwood staff.
- (b) The contractor will be responsible for obtaining the necessary permits from the State of Michigan and/or any other necessary agency. The contractor shall include all permit costs with their bid.

4. Requirements for Performance Security and Payment Security

- (a) The successful bidder, at the execution of the contract, shall furnish security to guarantee faithful performance of the contract in the amount of 100% of the total contract price.
- (b) The successful bidder shall also furnish security to guarantee payment to all persons supplying labor or materials in the performance of the contract in the amount of 100% of the total contract price.

- (c) Security may be in the form of a performance bond and payment bonds, postal money order, certified check or cashier's check.
- (d) Upon completion of project the contractor shall provide lien wavers from all contractors and suppliers.

5. Execution and Completion of Work

- (a) Execute the work diligently.
- (b) Working hours are between 7:00 A.M. and 9:00 P.M.
- (c) The Campground will be open from May 24, 2024, until October 6, 2024. The Contractor must coordinate with the City and the Campground hosts if they wish to work during that camping season. No power outages will be allowed Friday through Sunday during the camping season. Minimal short-timeframe outages may be permitted between Monday and Thursday from 9:00 A.M. to 2:00 P.M. with prior authorization from the City and Campground hosts.
- (d) A construction Schedule shall be provided and approved by a City Representative.
- (e) Work can be done on Saturdays or Sundays with notice to a City Representative.
- (f) Contract Contacts:
 - Paul Anderson, P.E., City Manager
906-932-5050, Ext. 116 or 906-285-1376
andersonp@ironwoodmi.gov
 - Jason Alonen, DPW Supervisor
906-932-5050, Ext. 123 or 906-765-9157
alonenj@ironwoodmi.gov
 - David Strand, Parks Maintenance
906-285-1685

6. Failure to Complete Work Within Contract Time

Construction shall be fully completed by November 1, 2024. If the Contractor fails to execute the work, or any separate part thereof, with such diligence as well ensure its completion within the time specified in this contract, fixed and agreed Liquidate Damages will be assessed for each calendar day of delay until the work is completed

and accepted. Liquidate Damages equal \$250 / Calendar Day.

7. Warranty / Defects

The Contractor shall be responsible for any and all defects that may develop in any part of the entire work or installation furnished by him/her. Upon written notice of the City of Ironwood, the Contractor shall immediately replace and make good, without expense to the owner, any faulty part, material, or workmanship. A one-year warranty shall be provided by the Contractor. The warranty shall start from the date the final payment is made.

Bidding Requirements, Conditions and Contract Administration

C-1. Competency of Bidders

- (a) The City Manager reserves the right to select bidders and may refuse to issue a proposal to any individual, partnership, firm or corporation based upon but not limited to one or more of the following facts:
- (1) For having defaulted on previous contracts.
 - (2) For having performed similar work in an unsatisfactory manner.
 - (3) When, in the City Manager's judgment, the bidder needs to have the required experience in the class of work bid on, have the proper labor and equipment, and sufficient capital or quick asset to finance the work.

C-2. Interpretation of Estimates, Specifications, Special Provisions and Site of Work

The quantities on the proposal are approximate only and given as a basis to compare bids. The City does not assume any responsibility that these quantities will remain unchanged in actual construction. The bidder must carefully examine the site of work, plans, specifications, and contract form for the proposed work. It will be assumed that Contractor has judged for and satisfied themselves as to the conditions to be encountered, as in the work, materials furnished, and in the above documents. The bidder is assumed to have familiarized themselves with the Federal, State, and Local laws, which may affect the work, workers, or materials furnished.

C-3. Delivery of Proposal

Each proposal must be submitted in a sealed envelope with the bidder's name and address on the outside of the envelope. All proposals must be received on or before the hour stated in the advertisement. More than one proposal for the same project from an individual, partnership, firm, or corporation will not be considered. Email bids received in PDF format accepted. Must state project name with bid opening date in subject line. Faxed bids shall not be accepted.

The proposal should include a written Scope Letter stating assumptions of the bid, including wire and conduit types at different locations, any subs and their scope of work, manufacturer for major equipment or supplies, etc. Within this scope letter, the Contractor should state if any

of the work can be performed in the Spring of 2024 before the campground opens on May 24, 2024 - even if the City Ordered Panelboard has yet to be delivered (see attached submittal, Attachment B). The Contractor should clarify what work can be done before this opening date. Also state if Contractor would try to perform any work during the camping season weekdays, as allowed in this document.

C-4. Public Opening of Proposals

Proposals will be opened publicly and read aloud at the hour, date, and place set in the advertisement.

Campground Upgrade – Detailed Specifications

1. Description

The work shall consist of providing and the installation of Phase 2, Phase 3, and Phase 4 of new power pedestals for existing campsites located in the central and eastern side of the Curry Park Campground, as specified in Appendix A Map, with 50/30/20 AMP pedestals to include 1-50 amp 120/240 volt receptacle, 1-30 amp 120 volt receptacle and 1-20 amp 120 volt GFI receptacle. Alternative prices shall be provided for the following; the City may choose none, 1, or multiple alternatives based on the available budget at the time of bid opening.

Base Bid

Phase 2:

Upgrade Electrical Service to support 1200 AMP, 3-phase, 120-208 volt. Add Panel/Load Center for power feeds to Phases 2 – 4. This will go adjacent (or nearby) to the existing panel on the maintenance garage's west wall, which resides at the north-central location in the campground.

The City of Ironwood has a preliminary application into Xcel for a 3-phase service to be brought into the site. The Contractor shall coordinate with Xcel Energy to notify them when the site service work is complete, and then Xcel Energy will perform their Scope of Work for the Service upgrade. The City of Ironwood will pay for all expenses of Xcel Energy.

Install eleven (11) new power pedestals for existing campsites, identified on the attached map, each with 1-50 amp 120/240 volt receptacle, 1-30 amp 120 volt receptacle, and 1-20 amp 120 volt GFI receptacle. Adequate electrical capacity shall be provided to be able to upgrade the remaining sites within the area identified on the attached map labeled as Base Bid, which includes campsite numbers 1-3, 6, 10, 13-16, 18, and 20 to the standards identified above.

Phase 2 should be designed and built for the future expansion of Phases 3 and 4, even if Phases 3 and 4 are completed at a different time.

The City of Ironwood shall complete the restoration work at the direction of the Contractor. The Contractor to coordinate with City crews. Site restoration includes trench repair and grading around pedestals, etc. The Contractor will be responsible for the backfill of the electric line trench.

Remove pedestals and cap off power as indicated for items A and B on the Site Map.

Alternative 1

Phase 3:

Install new power pedestals for existing campsites, identified on the attached map, each with 1-50 amp 120/240 volt receptacle, 1-30 amp 120 volt receptacle, and 1-20 amp 120 volt GFI receptacle. Adequate electrical capacity shall be provided to be able to upgrade the remaining sites within the area identified on the attached map labeled as Alt. 1, which includes campsite numbers 9, 17, 19, and 21-29 to the standards specified above.

The City of Ironwood shall complete the restoration work at the direction of the Contractor. The Contractor to coordinate with City crews. Site restoration includes trench repair and grading around pedestals, etc. The Contractor will be responsible for the backfill of the electric line trench.

Alternative 2

Phase 4:

Install new power pedestals for existing campsites, identified on the attached map, each with 1-50 amp 120/240 volt receptacle, 1-30 amp 120 volt receptacle, and 1-20 amp 120 volt GFI receptacle. Adequate electrical capacity shall be provided to be able to upgrade the remaining sites within the area identified on the attached map labeled as Alt. 2, which includes campsite numbers 4, 5, 7, 11, 12, 30-33 to the standards identified above.

The City of Ironwood shall complete the restoration work at the direction of the Contractor. The Contractor to coordinate with City crews. Site restoration includes trench repair and grading around pedestals, etc. The Contractor will be responsible for the backfill of the electric line trench.

2. Materials

Provide power to pedestals for the work as required. They shall be installed with a connection to the upgraded electrical service. All wiring from new service to new pedestals shall be new, adequately sized, and meet code. Direct bury aluminum wire is acceptable, where permissible.

City is to supply the following materials:

- All 32 pedestals which will be Midwest direct burial 50/30/20 AMP RV pedestals. The City will be ordering these in March of 2024.
- Panelboard (Please see attached submittal for what has been ordered. Expected delivery is the end of June 2024 or sooner).
 - 1200A MCB N3R 3-PH 120/208V PANEL
 - 1x 600A 2-pole breaker
 - 8x 200A 2-pole breaker

3. Construction

1. All wiring shall be buried, and all electrical work shall meet or exceed State and Local codes. The contractor is responsible for getting approval from the State of Michigan for plans and permits. The Contractor to provide said approved plans and permits to the City of Ironwood.
2. Rough and Final Inspections shall be completed with the State of Michigan.
3. Pedestals shall be set in concrete to a depth of 2 feet.
4. Demolition of the existing electric services and pedestals is by the Contractor. The Contractor shall create a pile of materials to be disposed of onsite, and the City will be responsible for the disposal of said removed materials.
5. The Contractor shall use steel conduit between the electrical boxes at the building.
6. Panels shall be Square D QO brand. The City Engineer must approve any other brands.
7. Grounding rods are required at each pedestal.

4. Measurement and Payment

Payments will be per each and shall include all incidental work necessary for a complete installation.

A copy of the approved electrical permit shall be required prior to payment.

Utilities

The existing utilities listed below represent the best information available. This information does not relieve the contractor of the responsibility to be satisfied as to its accuracy and the location of existing utilities.

<u>NAME AND ADDRESS OF OWNER</u>	<u>UTILITY DESCRIPTION</u>
Ameritech 3255 US-41 West Marquette, MI 49855 Ms. Marsha Bertoldi (906) 779-2744	Telephone
Charter Communications 115 E. McLeod Ave. Ironwood, MI 49938 Greg Johnson (906) 932-1831	Cable TV
Xcel Energy 101 Alfred Wright Blvd. Ironwood, MI 49938 Stacy Westeen (800) 895-4999	Electric & Gas
City of Ironwood 213 South Marquette Street Ironwood, MI 49938 Bob Tervonen (906) 932-5050	Water & Sewer

Owners of public utilities will not be required by the department to move additional poles and structures that are not within grading or structure limits in order to facilitate the operation of construction equipment, unless it is determined by the engineer that such pole line or structures constitute a hazard to the public or are extraordinarily dangerous to the contractor's operations.

City of Ironwood

Curry Park Upgrades 2024

Bid Form

Please fill out the attached Bid Spreadsheet with Lump Sum costs per campsite electrical. The City can email you the spreadsheet upon email request to clerk@ironwoodmi.gov. Then, fill out the following total bid price for summary purposes.

Base Bid (Phase 2) \$ _____

Alternate 1 (Phase 3) \$ _____

Alternate 2 (Phase 4) \$ _____

TOTAL BID (Phases 2, 3 & 4) \$ _____

Company Name: _____

Address: _____

Email: _____

Phone Number: _____

Signature: _____

Title: _____

Insurance

D-1 Insurance

- (1) Workmen’s Compensation Insurance – The Contractor, prior to the execution of the Contract, shall file a certification that the Contractor carries Worker’s Compensation Insurance.

- (2) Bodily Injury and Property Damage Insurance – The Contractor prior to execution of the Contract shall file with the City of Ironwood copies of completed certificates of insurance, as evidence that the Contractor carries adequate insurance to afford protection against all claims for damages to public or private property and injuries to person, arising out of and during the progress of work. The minimum limits of insurance shall be as follows:
 - (3) General Liability
Bodily Injury and Property Damage Liability:
Each Occurrence.....\$1,000,000
Aggregate.....\$2,000,000

 - (2) Automobile Liability Insurance (Comprehensive Form)
Bodily Injury Liability:
Each Person..... \$ 500,000
Each Occurrence.....\$1,000,000

Property Damage Liability:
Each Occurrence.....\$1,000,000

Combined Single Limit for Bodily Injury and Property Damage Liability:
Each Occurrence.....\$2,000,000

- (4) The requirements for 1 and 2 above, may be met through an Umbrella policy.

- (5) Owners Protective Liability. Bodily injury and property damage protection, including general supervision of work performed, shall be extended to the City of Ironwood employees and agents. The minimum limit shall be \$1,000,000.

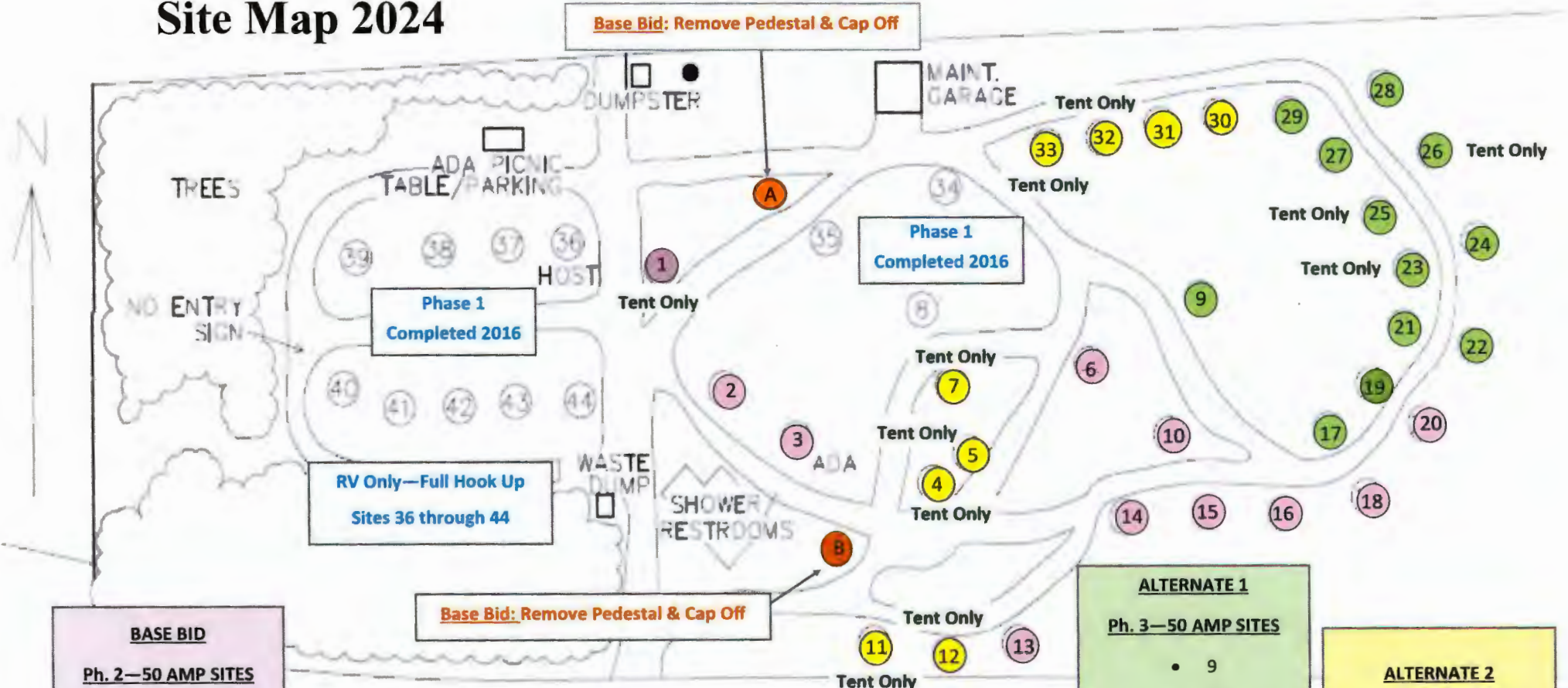
Curry Park Campground Upgrade Project

Site Map 2024

BASE BID Phase 2

ALT. 1 Phase 3

ALT. 2 Phase 4



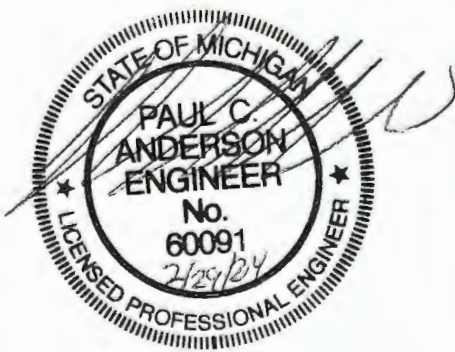
BASE BID	
Ph. 2—50 AMP SITES	
•	1
•	2
•	3
•	6
•	10
•	13
•	14
•	15
•	16
•	18
•	20

Base Bid: Remove Pedestal & Cap Off

ALTERNATE 1	
Ph. 3—50 AMP SITES	
•	9
•	17
•	19
•	21
•	22
•	23
•	24
•	25
•	26
•	27
•	28
•	29

ALTERNATE 2	
Ph. 4—50 AMP SITES	
•	4
•	5
•	7
•	11
•	12
•	30
•	31
•	32
•	33

Appendix A



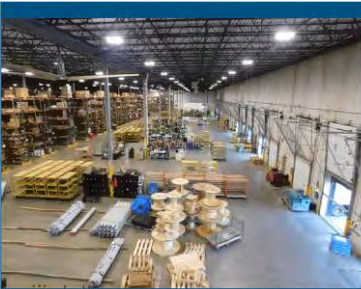
Appendix B

Project Name: CURRY PARK
Company: CITY OF IRONWOOD
Prepared for: PAUL ANDERSON
Notes: GEAR SUBMITTALS



Ask about our Service Solutions that can help save you time and money

- Stage and Storage
- Material, Conduit, and Fixture Carts
- Graybar Managed Inventory (VMI)
- Kitting
- On-Site Customer Prefabrication
- After-Hours Pickup
- Mobile Trailers
- Strut Cutting
- Wire Management



Erik Abrahamson
Project Specialist

Erik.abrahamson@graybar.com
218-529-2155

MINNESOTA LOCATIONS:

- Minneapolis* – 2300 E 25th St / 612-721-3545
- Brooklyn Park* – 7601 Setzler Pkwy N / 763-898-5600
- Saint Paul* – 308 State St / 651-222-4438
- Saint Cloud* – 1106 Sunridge Dr / 320-203-1442
- Rochester* – 910 7th St NW / 507-282-4444
- Mankato* – 1600 N Riverfront Dr / 507-388-6201
- Duluth* – 2601 W Superior St / 218-722-6685

Prepared By:

JOSEPH HAGEN
GRAYBAR ELECT CO 5818836
2601 W Superior St
Duluth, MN 55806
joseph.hagen@graybar.com
D:2187226685

Proposal Name: CURRY PARK

Quote Name: CURRY PARK

Proposal Number: P-231115-4121244

Quote Number: Q-4550527

Quote Date: 11/16/2023

Through Addenda Number: 0

Sales Representative: Paul Crotteau

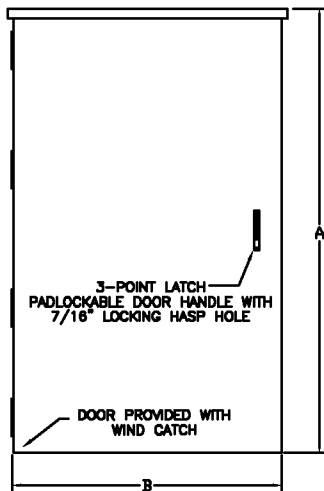
Conditions of Sale

This Quotation is subject to Coordinated Project Terms. See <https://www.se.com/us/en/download/document/0100PL0043/>

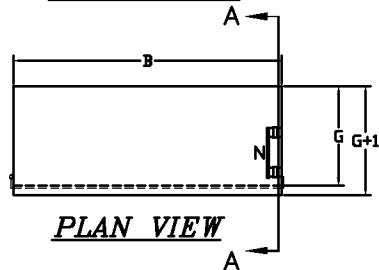
Quoted price in currencies other than U.S. Dollars is per the annual Schneider Electric exchange guidance.
Quote is valid for 30 days. Quoted lead times are approximate and subject to change.

Schneider Electric reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control arising from or due to the current Covid-19 epidemic or events subsequent to this epidemic / pandemic including changes in laws, regulations, by laws or direction from a competent authority.

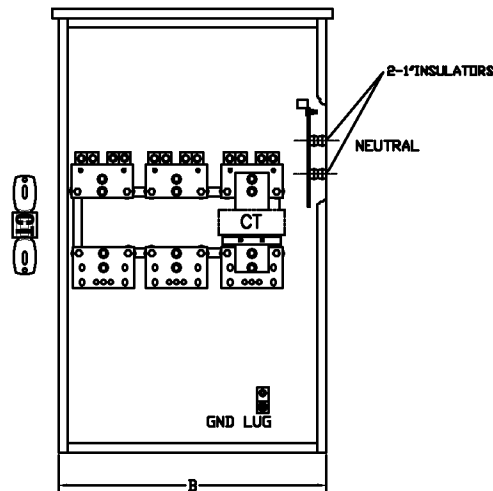
Seq #	Qty	Product Description
1	1	<p>Designation :</p> <p>Product Details:</p> <p>1 - I-Line MB Panel (INTERIOR)-I-Line Panelboard Consisting of 208Y/120V 3Ph 4W 60Hz SCCR: 10kA Fully Rated Single Main: 1200A/3P PG Circuit Breaker Incoming Conductors: 1 - (4) 3/0 - 500kcmil AL Ground Bar Bus: 1200A Rated Copper: Tin Plated 108" of Mounting Inches Type 3R/5/12Box: 86H x 44W x 14.63D Incoming: Bottom Trim w/ Box Box Cat No: HC4486WP Ref. Drawing PBA416 Type: HCR-U Feeders: 1 - 800AS/800AT/2P MG Std. LI 80% 8 - 200A/2P QB Optional Features: Standard Panel (Box Ahead),Standard Solid Neutral,Standard Ground Bar,Standard Mains and Feeders Mechanically Restrained 1 - HC4486WP-PNLBD ENCLOSURE/BOX T-3R/12 86H 44W</p>



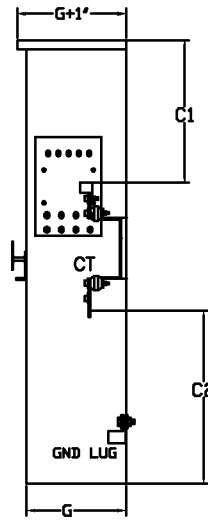
FRONT VIEW



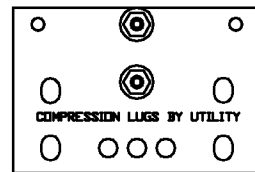
PLAN VIEW



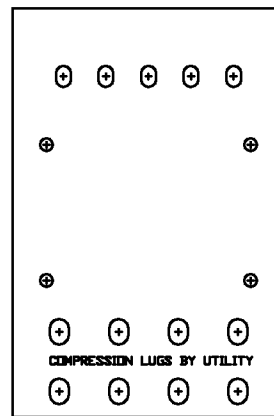
INTERIOR VIEW



SIDE VIEW SECTION A-A



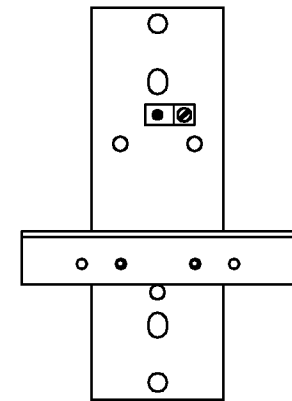
CTMBW12



CTNBW

WI LINE & NEUTRAL BUS PAD DETAIL (X4)

WMCT12-4L



**CTL-12
CT LINK W/BKT**

GENERAL NOTES

- 1- CURRENT TRANSFORMER CABINET COMPLIES WITH 'NATIONAL ELECTRICAL CODE'. DOOR HAS (3) HINGES WITH A 3 POINT DOOR LATCH AND PADLOCKABLE HANDLE WITH 7/16" LOCKING HASP HOLE.
 - 2- 14 GA. GALV. STEEL MOUNTING PAN WITH 1 3/8" INSULATOR SUPPORTS FOR BUS WORK.
 - 3- TWO 7/16" TRANSFORMER MOUNTING BOLTS, 1 3/4" CENTER TO CENTER FOR MOUNTING POWER CO. CT'S
 - 4- 3/8" LUG MOUNTING BOLTS.
 - 5- COPPER-ALUMINUM (1) 750MCM-#6 OR (2) 300MCM-#6 CABLE CONNECTION LUG. PROVISION FOR WPS LUGS AT 1200A.
 - 6- NEUTRAL OR GROUNDED CONDUCTOR PROVIDED WITH (1) 10-32NC BOLT & A35 LUG FOR NEUTRAL TAP.
 - 7- BAR OR DONUT TYPE CT FURNISHED BY UTILITY CENTER POSITION IS NOT REQUIRED IF SERVICE IS 1Ø,3Ø.
- * FAULT CURRENT RATINGS FOR ALL AMPERAGES 85,000 AMPS AT 600VAC WITH NO CABLE BRACING REQUIRED.

* ALL CABINETS ARE ETL LABELED FOR TYPE-3R APPLICATION PER U.L. 50 AND U.L. 414 STANDARDS. MEET ALL NATIONAL ELECTRICAL CODES & NEMA STANDARDS.

STANDARD ACCESSORIES:

- WIND CATCH ON EXTERIOR DOOR
- MOUNTING HARDWARE FOR UTILITY CURRENT TRANSFORMERS.
- NEUTRAL PROVIDED WITH (1) #10-32NC BOLT & A35 LUG FOR NEUTRAL TAP
- LUGS PROVIDED AS REQUIRED FOR UTILITY AND CONTRACTOR

AMPACITY	MINIMUM DIMENSION								COMPONENTS			LUGS PER Ø & N 1200A	
	A	B	C1	C2	D	E	F	G	H	CABINET	3Ø PART #		1Ø PART #
1200-AL BUS	80"	33"	17.00"	27.00"				12"		CL60	WMCT12-4L	WMCT12-3L	(4) #6-750MCM

NOTE: FOR SINGLE PHASE UNITS, OMIT BØ BUS ASSEMBLY

REV. BY DATE	JOB NAME	1200 AMP 600 VOLT OR LESS CURRENT TRANSFORMER CABINET
EXP 07/26/06	XCEL ENERGY METERING TRANSFORMER CABINET CATALOG DRAWING	OWNER XCEL ENERGY WI
CP 0-29-06	DRAWN CP	DATE 05/27/04
CP 09-20-09	DATE	SCALE NTS
APPROVED	DATE	SCALE
AMERICAN MIDWEST POWER MINNEAPOLIS, MINNESOTA PHONE (763) 551-1555 FAX (763) 551-9275		DRAWING NUMBER WMCT12-16
		SHEET 1 OF 1

REV	DESCRIPTION	BY	DATE				
-							

CKT NO	ACCESSORIES	TYPE	RATING AMP/P	PHASE BUS CONN		PHASE BUS CONN	RATING AMP/P	TYPE	ACCESSORIES	CKT NO	
	4.50" BLANK								4.50" BLANK		
	4.50" BLANK								4.50" BLANK		
	4.50" BLANK								4.50" BLANK		
	4.50" BLANK								4.50" BLANK		
	4.50" BLANK								4.50" BLANK		
	4.50" BLANK								4.50" BLANK		
	4.50" BLANK								4.50" BLANK		
	4.50" BLANK								1.50" BLANK		
	4.50" BLANK								1.50" BLANK		
1	Std. LI 80%	MG	800AS 800AT/2	A C		B A	200 /2	QB		2	
						C A	200 /2	QB			4
						C B	200 /2	QB			6
						B A	200 /2	QB			8
						C B	200 /2	QB			10
						B A	200 /2	QB			12
						C B	200 /2	QB			14
						B A	200 /2	QB			16

PHYSICAL DATA

ENCLOSURE Type 3R/5/12
 FRONT CAT#: Trim w/Box
 BOX CAT#: HC4486WP

DIMENSIONS:
 86"(2184mm)Hx44"(118mm)Wx14.63"D

WIRE BENDING SPACE:
 TOP - 12.4"(315mm)
 BOTTOM - 16.3"(414mm)
 LEFT SIDE - 12.5"(318mm)
 RIGHT SIDE - 5.2"(132mm)

PBA: 416
 Tin Plated

OPTIONAL FEATURES:
 ALUMINUM SOLID NEUTRAL
 ALUMINUM GROUND BAR

ELECTRICAL DATA

SYSTEM: 208Y/120V 3Ph 4W 60Hz
 System Ampacity: 1200A
 10kA SYMS. SCCR
 Fully Rated

MAIN: MAIN BREAKER PG 1200A
 Bottom FEED
 65kA AIR
 INCOMING CONDUCTORS(S) PER NEC, CEC, NOM:
 Wire Bending Space:
 Phase Lugs:1 - (4) 3/0 - 500kcmil

-----BRANCH SUMMATION-----
 1 - 800A/2P MG STD LI 8 - 200A/2P QB

JOB NAME: CURRY PARK	EQUIPMENT DESIGNATION:
JOB LOCATION:	EQUIPMENT TYPE: I-Line (Circuit Breaker Type) PANEL 1 OF 1
DRAWN BY: (Q2C)	DRAWING TYPE: ONE LINE DIAGRAM
ENGR:	
DATE: November 27 2023	
DRAWING STATUS: QUOTE	DWG# 00-4550527-132793024-01 PG 1 OF 1 REV -

Product data sheet

Characteristics

HC4486WP

Box, I-Line Panelboard, HCR-U, 44in W x 86in H x 14.50in D, Type 3R/12, w/trim



Product availability: Stock - Normally stocked in distribution facility



Main

Range of Product	I-Line
Product or Component Type	Enclosure
Device Application	Panelboard
Device short name	HCR-U

Complementary

Line Rated Current	1200 A
Enclosure nominal width	44.02 In (1118 mm)
Enclosure nominal height	85.98 In (2184 mm)
Enclosure nominal depth	14.49 In (368 mm)
Net Weight	337.99 Lb(US) (153.31 kg)
Height	86 In (2184.40 mm)
Depth	14.5 In (368.30 mm)

Environment

NEMA Degree of Protection	NEMA 3R/12
Standards	UL CSA

Ordering and shipping details

Category	00110-RTA PANELBOARD BOXES - SPECIAL, 3R, ETC.
Discount Schedule	PE1A
GTIN	785901231332
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	22.01 In (55.9 cm)
Package 1 Width	45.39 In (115.3 cm)
Package 1 Length	87.99 In (223.5 cm)
Package 1 Weight	492.00 Lb(US) (223.167 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
PVC free	Yes

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**