

Addendum No. 01

TO: PLANS AND SPECIFICATIONS FOR:

Replace Roof and Construct Solar Array
Building 1029
Fort Leonard Wood, MO
Project No: T2412-01

Bid Opening Date: **Unchanged** (1:30 PM, Thursday, September 11, 2025)

BIDDERS ARE HEREBY INFORMED THAT THE CONSTRUCTION PLANS AND/OR SPECIFICATIONS ARE MODIFIED AS FOLLOWS:

1. SPECIFICATIONS:

A. Section 005213 – Construction Contract:

- i. Article 2 – Time of Completion: Contract performance time shall be revised to **250** working days.

B. Section 263100 – Photovoltaic System

- i. Power optimizers shall be provided but will not be required to be integral to PV modules as stated in section 2.1./A./2.
- ii. Inverter(s) shall have a maximum (total) output overcurrent protection device rating of 125-amps. This requirement is to limit the PV system input breaker(s) to 160-amps total, due to the 800-amp rating of the Main Distribution Panel.
- iii. A single inverter or more than two inverters shall be allowed in lieu of two inverters as specified. Contractor shall be responsible for all revisions to disconnect(s), wiring, and overcurrent protection device(s) as required.
- iv. Add SolarEdge to the list of acceptable manufacturers for Inverters in section 2.1./B./8, and for System Performance Meters in section 2.1./E./3.

2. PLANS:

A. Sheet A-101 – Roof Plan:

- i. Revise General Note “O” as follows: New roofing system color and finish to match existing and to be selected by Owner from manufacturer’s standard samples.

3. GENERAL:

- A. Pre-Bid Meeting was held on August 26, 2025. The attendance sheet is included in the attachment.
- B. For site access prior to bid date, contact Jeremy Kixmiller at 816-633-2339.
- C. Questions or requests for interpretations must be submitted in writing to Ryan Jones,

rjones@cid-eng.com no later than 12:00 pm on Monday, September 8, 2025.

- D. The following questions were received:
- i. There is concern with the project schedule.
 - a. Contract performance time shall be extended as noted herein.
 - ii. Can the roof framing replacement scope be quantified/clarified, or can a unit price be provided for new framing?
 - a. Based on site observations of existing construction and conditions, the extent of framing to be replaced is expected to be limited and primarily located around existing openings and roof penetrations.
 - iii. Can a workspace be provided within the building for the Contractor's superintendent?
 - a. A workspace can be arranged within Building 1029 or in Danner Hall.
 - iv. Is the photovoltaic system to be rated at 40kW DC or AC?
 - a. PV system shall be rated at 40kW DC. Specified inverter(s) are oversized to allow for potential future additional PV panel capacity.

4. ATTACHMENTS:

- A. Pre-bid Sign-in Sheet (2 pages)
- B. Record of Environmental Consideration
- C. Construction and Demolition (C&D) Waste Management Report (2 Pages)
- D. Construction Contract (Sample)

END OF ADDENDUM 01

Pre-Bid Meeting Attendance Sheet
Replace Roof and Construct Solar Array, Building 1029
Fort Leonard Wood
St Robert, MO

Project No. T2337-01
August 26, 2025 @ 10:00am

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Jeremy Kimmel PM	MANG	816-633-2339	Jeremy.C.Kimmel@AFG@Army.mil
Craig Beck	MAAREN	573-638-9855	Craig.S.Beck.civ@army.mil
RJAM JONES	CJD ENG.	417-877-1700	rjones@cjd-eng.com
QUINTEN JONES	CTD ENG.	417-818-7007	QJONES@CTP-ENG.COM
Andrew Valenda	Arete Contracting MBE, SDVE	573-718-6305	bids@aretecontracting.com
Dalton Fifer VP	Matsh Co Sheet Metal WBE	573-636-7114	df@wctg.com
Blake Potts	Septagon General	573-590-0885	bpotts@septagon.com
Mark Stuefer	Septagon G.C.	573 442 6187	mstuefer@septagon.com
Justin Rogers	Brown & Root GC	573 301 4995	Justin.Rogers@BrownandRoot.com
Randy Evbahl	Pro Fast LLC	573 635 0211	estimating@probuilders.com
Bobby Tobel - GC	EVER Roofing INC SDVE	417 531 2082	bobby.iverroofing@gmail.com
David Bax - PM	Missouri Builders Service, Inc.	573-636-7773 x217	dbax@missouribuilders.net

St Robert, MO

August 26, 2025 @ 10:00am

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
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RECORD OF ENVIRONMENTAL CONSIDERATION

1. Project Number and Title 29-231002 Fort Leonard Wood Building 1029 - Photovoltaic Solar Array System

2. Description of Project (Include Existing Environmental Setting)

The project will take place at Fort Leonard Wood, Building 1029. The project consists of all labor and materials needed to construct a 40KW roof mounted solar panel array system with battery backup. Major components of the system include the solar panels, inverters, and mounting racks.

Cultural Resources: Building 1029 is covered under the nationwide Army Program Comment for Cold War Era (1946-1974) Unaccompanied Personnel Housing adopted 21 May 2007. No further NHPA Section 106 compliance efforts are required. POC: Stephanie Nutt 573-596-7607

The proposed action has been reviewed by the DPW Asbestos Program Manager and the presence of asbestos is unknown. It must, therefore, be assumed to be present until proven otherwise. If any untested suspect asbestos containing material (ACM) is discovered during the project, the project must stop, and the suspect material must be tested for asbestos content. If applicable, the Contractor or Proponent is responsible for testing and must coordinate the testing with the DPW Asbestos Program Manager through the Contracting Officer and provide the results. The testing may be done only by certified individuals. If testing confirms that asbestos is present, then the ACM may be removed only by individuals certified by the State of Missouri to remove ACM. For additional information contact the DPW Asbestos Program Manager (timothy.s.neal2.civ@army.mil, 573/596-4430).

LBP: The proposed action has been reviewed by the DPW Lead-based Paint (LBP) Program Manager. LBP has not been identified at this project location and is not expected to be present. However, if suspect LBP covered materials are encountered during the work, all work must stop, and the DPW LBP Program Manager will be contacted. All sampling, testing, and disposal will be coordinated with the DPW LBP Program Manager. For additional information contact the DPW LBP Program Manager (timothy.s.neal2.civ@army.mil, 573/596-4430).

Hazardous Waste: Solid wastes must be collected, characterized, and disposed of in accordance with federal and state regulations. Contractor is responsible for the cost of testing and disposal of solid wastes, including any hazardous wastes generated. Solar panels are relatively new to the waste stream. Recycling services may or may not be available at the end of lifecycle when replacement is necessary. The customer could be required to dispose of these waste as regulated hazardous waste. Copies of analytical testing and disposal manifests will be required to be provided to the DPW Hazardous Waste Program Manager at that time. For additional information contact the DPW Hazardous Waste Program Manager (ronald.g.blevins.civ@army.mil, 573/596-3843).

Solid Waste and Recycling: This project falls under the Circle Economy Initiative as a sustainable management and waste minimization construction project. This initiative requires unwanted sustainable material be recycled or reused to the fullest extent possible. As an added incentive to divert such material from landfills, FLW is offering the use of its Recycle Center to process common recyclable materials, i.e. aluminum, copper, brass, paper, cardboard, scrap metals, plastics and pallets. Remaining waste and materials removed and not reused or designated as salvage material in this project will become the property of the Contractor. The Contractor will lawfully dispose of wastes and materials at a landfill off post licensed by the State of Missouri.

The Authorized Proponent will notify the Solid Waste and Recycling Program Manager of the project start date and the projected timeline for completion. The Contractor will complete the FLW Construction and Demolition Waste Management Report form as specified in the form and will comply with the guidance contained therein (attached). The completed form will be submitted to the DPW Solid Waste Program Manager via the Contracting Officer before the contract is completed. For additional information contact the DPW Solid Waste and Recycling Program Manager (peter.a.cruz6.civ@army.mil, 573/596-1385).

ESA: No effect. POC: Mariah Conner at x39517.

3. Anticipated Start Date 1/1/2024 1/1/2026

5. CHOOSE ONE OF THE FOLLOWING:



An existing Environmental Assessment adequately covers the scope of this project. The EA is dated: and was conducted by: The EA is titled:



After reviewing the Categorical Exclusions and screening criteria, project qualifies for Categorical Exclusion: C-1: Construction of an addition to an existing structure or new...

CONCURRENCE:

NEEL.CHARLIE.E.III.1230899386
Digitally signed by NEEL.CHARLIE.E.III.1230899386
Date: 2023.12.18 14:24:05 -06'00'
CHARLIE NEEL
Chief, DPW Environmental Division
Fort Leonard Wood

SIGNATURE:

For

Timothy W. Schulte
Digitally signed by SCHULTE.TIMOTHY.WAYNE.128
0981660
Date: 2023.12.19 08:30:18 -06'00'
JODY L. MCCALL
Supervisory Environmental
Protection Specialist

SIGNATURE:

For

Winkler, Michael Eugene
Digitally signed by WINKLER.MICHAEL.EUGENE.11
44078108
Date: 2023.12.19 10:28:20 -06'00'
LTC JEREMY D. BERENDZEN
Construction & Facilities
Management Officer



**Fort Leonard Wood
Directorate of Public Works
Environmental Division**



Construction and Demolition (C&D) Waste Management Report

The contractor shall make all reasonable efforts to recycle and recover all C&D waste from this project. The DoD Strategic Sustainability Performance Plan (SSPP), requires a minimum of 60% (by weight) of C&D waste be diverted (recycled, reused, etc.) from landfill disposal. Waste management consideration shall be given to the availability of viable markets, the condition of the material, the ability to provide the material in suitable condition and in a quantity acceptable to available markets, and time constraints imposed by internal project mandates.

Companies and facilities used for recycling, reuse, and disposal shall be appropriately permitted for the intended use to the extent required by federal, state, and local regulations. The contractor shall provide on-site instructions for separating, handling, recycling, salvage, reuse, and return methods to be used by all parties at the appropriate stages of the project. Records shall be maintained to document the quantity of waste generated, the quantity of waste diverted through sale, reuse, or recycling, and the quantity of waste disposed of by landfill or incineration. This form shall be used to record the information. The contractor shall submit this report of all non-hazardous C&D waste generation no later than 10 days after each fiscal quarter ends, starting the first quarter that C&D waste is generated. This report shall be submitted through the contracting officer or representative to the Directorate of Public Works Solid Waste Program Manager 573-596-0882, Building 11400. Contractor shall provide an electronic or paper copy.

Project name:

Location:

Contract number:

Report period covered:

to

Contractor:

Prepared by:

Gov't contract inspector:

Date:

Email:

Phone:

Waste Type	Total Generated (by weight in tons)	Management Method (by weight in tons)	
		Recycled or Salvaged	Disposed
Examples: Concrete	505,000		500,000 crushed for reuse at _____
Mixed debris	1,000		0
Scrap metal	10		10 recycled to A1 metals
Wall board/Sheet Rock			
Stumps, Brush, Wood Chips (beneficially reused on site)			
Stumps, Brush, Wood Chips (off FLW)			
Scrap Metal			

C&D Waste Management Report

Waste Type	Total Generated (by weight in tons)	Management Method (by weight in tons)	
		Recycled or Salvaged	Disposed
Concrete			
Clean fill (FLW clean fill)			
Clean fill (off FLW)			
Compost (FLW compost)			
Compost (off FLW)			
Other			
TOTAL			

Landfill name: _____

Comments: _____

Example Waste Types:

Wallboard	Recycled to manufacturer.
Stumps & Brush	Logs less than 6 inches in diameter, all limbs, twigs, stumps and other brush.
Concrete	Contaminated concrete will be disposed of at an off-post authorized landfill.
Clean fill	Uncontaminated soil, rock, sand, gravel, concrete unpainted and with no exposed steel, unpainted brick, unpainted cinderblock, asphalt, and NO organic material.
Compost	Leaves, grass, and straw removed from trash bags (absolutely no trash or trash bags).
Scrap metal	Turned in as recyclable material.
Wood chips	

Specific guidance for disposition of C&D and Land Clearing materials is contained in the Environmental Requirements section of each project contract.

Note: Only clean fill concrete, concrete blocks, brick, and asphalt may be included as "diverted" from the waste stream when reused. Clean fill (soil and rock) cannot be included as tonnage diverted (per IMCOM). Please continue to include clean fill soil and rock tonnage and disposition method on this report.



State of Missouri Construction Contract

THIS AGREEMENT is made (DATE) by and between:

Contractor Name and Address

hereinafter called the "Contractor," and the **State of Missouri**, hereinafter called the "**Owner**", represented by the Office of Administration, Division of Facilities Management, Design and Construction.

WITNESSETH, that the Contractor and the Owner, for the consideration stated herein agree as follows:

ARTICLE 1. STATEMENT OF WORK

The Contractor shall furnish all labor and materials and perform all work required for furnishing and installing all labor, materials, equipment and transportation and everything necessarily inferred from the general nature and tendency of the plans and specifications for the proper execution of the work for:

Project Name: Replace Roof and Construct Solar Array Bldg 1029 Fort Leonard Wood, St Robert, Missouri

Project Number: T2412-01

in strict accordance with the Contract Documents as enumerated in Article 7, all of which are made a part hereof.

ARTICLE 2. TIME OF COMPLETION

The contract performance time is **250 working days** from the transmittal date of this agreement. The contract completion date is **MONTH, DAY, YEAR**. This time includes ten (10) working days for the Contractor to receive, sign and return the contract form along with required bonding and insurance certificates. Failure of the Contractor to provide correct bonding and insurance within the ten (10) working days shall not be grounds for a time extension. Receipt of proper bonding and insurance is a condition precedent to the formation of the contract and if not timely received, may result in forfeiture of the Contractor's bid security. Work may not commence until the Owner issues a written Notice to Proceed and must commence within seven (7) working days thereafter.

ARTICLE 3. LIQUIDATED DAMAGES

Whenever time is mentioned in this contract, time shall be and is of the essence of this contract. The Owner would suffer a loss should the Contractor fail to have the work embraced in this contract fully completed on or before the time above specified. **THEREFORE**, the parties hereto realize in order to adjust satisfactorily the damages on account of such failure that it might be impossible to compute accurately or estimate the amount of such loss or damages which the Owner would sustain by reason of failure to complete fully said work within the time required by this contract. The Contractor hereby covenants and agrees to pay the Owner, as and for **liquidated damages, the sum of \$700** per day for each and every day, Sunday and legal holidays excepted, during which the work remains incomplete and unfinished. Any sum which may be due the Owner for such damages shall be deducted and retained by the Owner from any balance which may be due the Contractor when said work shall have been finished and accepted. But such provisions shall not release the Bond of the Contractor from liability according to its terms. In case of failure to complete, the Owner will be under no obligation to show or prove any actual or specific loss or damage.

ARTICLE 4. CONTRACT SUM

The Owner shall pay the Contractor for the prompt, faithful and efficient performance of the conditions and undertakings of this contract, subject to additions, and deductions as provided herein, in current funds the sum of:

Base Bid: \$

Accepted Alternates, if applicable to the Project and accepted by the Owner.

TOTAL CONTRACT AMOUNT: (\$CONTRACT AMOUNT)

UNIT PRICES: The Owner accepts the following Unit Prices:

For changing specified quantities of work from those indicated by the contract drawings and specifications, upon written instructions of Owner, the following unit prices shall prevail. The unit prices include all labor, overhead and profit, materials, equipment, appliances, bailing, shoring, shoring removal, etc., to cover the finished work of the several kinds of work called for. Only a single unit price shall be given and it shall apply for either MORE or LESS work than that shown on the drawings and called for in the specifications or included in the Base Bid. In the event of more or less units than so indicated or included, change orders may be issued for the increased or decreased amount.

ARTICLE 5. PREVAILING WAGE RATE

MISSOURI PREVAILING WAGE LAW (Sections 290.210 to 290.340, RSMo): The Contractor shall pay not less than the specified hourly rate of wages, as set out in the wage order attached to and made part of the specifications for work under this contract, to all workers performing work under the contract, in accordance with sections 290.210 to 290.340, RSMo. The Contractor shall forfeit a penalty to the Owner of one hundred dollars per day (or portion of a day) for each worker that is paid less than the specified rates for any work done under the contract by the Contractor or by any subcontractor, in accordance with section 290.250, RSMo.

DAVIS-BACON ACT: If this Project is financed in whole or in part from Federal funds (as indicated in the Instructions to Bidders or other bid or contract documents for this Project), then this contract shall be subject to all applicable federal labor statutes, rules and regulations, including provisions of the Davis-Bacon Act, 40 U.S.C. §3141 et seq., and the "Federal Labor Standards Provisions," as further set forth in Section 007333 – Supplementary General Conditions for Federally Funded/Assisted Construction Projects, which is incorporated into the contract by reference. Where the Missouri Prevailing Wage Law and the Davis-Bacon Act require payment of different wages for work performed under this contract, the Contractor and all Subcontractors shall pay the greater of the wages required under either law, on a classification-by-classification basis.

ARTICLE 6. MINORITY/WOMEN/SERVICE DISABLED VETERAN BUSINESS ENTERPRISE PARTICIPATION

The Contractor has been granted a waiver of the 10% MBE and 10% WBE and 3% SDVE participation goals. The Contractor agrees to secure the MBE/WBE/SDVE participation amounts for this project as follows: (OR)

The Contractor has met the MBE/WBE/SDVE participation goals and agrees to secure the MBE/WBE/SDVE participation amounts for this project as follows:

MBE/WBE/SDVE Firm:	Subcontract Amt:\$
MBE/WBE/SDVE Firm:	Subcontract Amt:\$
MBE/WBE/SDVE Firm:	Subcontract Amt:\$

Total \$

MBE/WBE/SDVE assignments identified above shall not be changed without a contract change signed by the Owner.

The Director of the Division of Facilities Management, Design and Construction or his Designee shall be the final authority to resolve disputes and disagreements between the Contractor and the MBE/WBE/SDVE firms listed above when such disputes impact the subcontract amounts shown above.

ARTICLE 7. CONTRACT DOCUMENTS

The following documents are hereby incorporated into this contract by reference (all division/section numbers and titles are as utilized in the Project Manual published by the Owner for this Project):

1. Division 0 – Procurement and Contracting Information, including, but not limited to:
 - a. Invitation for Bid (Section 001116)
 - b. Instructions to Bidders (Section 002113)
 - c. Supplementary Instructions to Bidders (if applicable) (Section 002213)
 - d. The following documents as completed and executed by the Contractor and accepted by the Owner, if applicable:
 - i. Bid Form (Section 004113)
 - ii. Unit Prices (Section 004322)
 - iii. Proposed Contractors Form (Section 004336)
 - iv. MBE, WBE, SDVE Compliance Evaluation Form(s) (Section 004337)
 - v. MBE, WBE, SDVE Eligibility Determination Form for Joint Ventures (Section 004338)
 - vi. MBE, WBE, SDVE Good Faith Effort (GFE) Determination Form (Section 004339)
 - vii. Missouri Service Disabled Veteran Business Form (Section 004340)
 - viii. Affidavit of Work Authorization (Section 004541)
 - e. Performance and Payment Bond, completed and executed by the Contractor and surety (Section 006113)
 - f. General Conditions (Section 007213)
 - g. Supplementary Conditions (Section 007300)
 - h. Supplementary General Conditions for Federally Funded/Assisted Construction Projects (Section 007333), if applicable
 - i. Wage Rate(s) (Section 007346)
2. Division 1 – General Requirements
3. All Drawings identified in the Project Manual
4. All Technical Specifications included in the Project Manual
5. Addenda, if applicable

ARTICLE 8 – CERTIFICATION

By signing this contract, the Contractor hereby re-certifies compliance with all legal requirements set forth in Section 6.0, Bidder's Certifications of the Bid Form.

By signature below, the parties hereby execute this contract document.

APPROVED:

Brian Yansen, Director
Division of Facilities Management,
Design and Construction

Contractor's Authorized Signature

I, Corporate Secretary, certify that I am Secretary of the corporation named above and that (CONTRACTOR NAME), who signed said contract on behalf of the corporation, was then (TITLE) of said corporation and that said contract was duly signed for and in behalf of the corporation by authority of its governing body, and is within the scope of its corporate powers.

Corporate Secretary