



**Change Order Request**  
COR #01  
Increased Solar Canopy Foundation Depths

May 19, 2025

Monterey County  
168 W. Alisal Street  
Salinas, CA 93901  
Attn: Cora Panturad

Project: Natividad Medical Center Solar Arrays  
ENGIE Project Number: CN-001479  
ENGIE Contract Number: R 3652

Cora,

ENGIE Services U.S. is pleased to provide this proposal for the additional scope of work as described below in the amount of \$46,643 (Forty Six Thousand Six Hundred Forty Three Dollars and Zero Cents.)

Category	Description	Cost Amount	% of COR Cost	Cost Source
Project Design and Engineering Services	Design & Engineering ENGIE Labor	\$ 3,992	9%	ENGIE
Construction	Natividad Medical Center Increased Foundation Depths	\$ 33,746	72%	MBL
	Bonds and Insurance	\$ 1,442	3%	ENGIE
	Warranty	\$ 466	1%	ENGIE
Overhead & Profit	Overhead & Profit	\$ 6,997	15%	% of cost
Total Change Order Request Cost to Monterey County		\$ 46,643	100%	

**Change Order Request Scope of Work:**

ENGIE Services U.S. shall increase the depth of the solar canopy foundations at Natividad Medical Center according to the depths on the 90% drawings as calculated by the Structural Engineer of Record as a result of the soils and geotechnical report. The maximum depth of the piers shall be increased to 16' from 13' as initially assumed in the contract. The total length of depth increased is 186' across fifty-two (52) columns among nine (9) arrays. Additionally, ENGIE Service U.S. shall increase the depth of the piles on the ground mount arrays by a total of 268' across sixty-seven (67) piles.

**Change Order Request Clarifications and Exclusions:**

Thank you for the opportunity. Please let us know if you require additional information.

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Logan Ahlgren  
Project Manager  
ENGIE Services U.S.  
(415) 410-3505  
[logan.ahlgren@engie.com](mailto:logan.ahlgren@engie.com)



COR #01						
Increased Solar Canopy Foundation Depths						
ENGIE LABOR COSTS						
Personnel	Project Engineer	Project Manager	Construction Manager	Project Director	Project Coordinator	Total
Hours	4	4	4	0	0	12
Hourly Rate	\$323	\$355	\$320	\$384	\$255	
Total Labor	\$ 1,292	\$ 1,420	\$ 1,280	\$ -	\$ -	\$ 3,992

Pricing and Tariff Considerations

The pricing outlined in this proposal is based on current market conditions and regulatory environments as of the date of submission. Please note that in the event of changes to applicable tariffs, duties, or other trade-related fees imposed by domestic or international regulatory authorities which impacts our pricing, we reserve the right to adjust pricing accordingly.

Such adjustments, if necessary, will be supported by relevant documentation. We are committed to transparency and will make every effort to mitigate the impact of such changes on the final project cost.

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May 5, 2025

Mr. Logan Ahlgren  
Engie Services US

RE: Monterey County RFP Portfolio

**Description**

Based on the 90P MBL drawing set and ENGIE RFP information, we are pleased to provide the following scope of work and price proposal for your review. The project design objective is for the complete structural and mechanical assembly of the MBL Designed Canopy Structures, Fixed Tilt Ground Mount Systems, and the attachment of owner supplied solar modules to the structure.

**Scope of Services for General Construction**

- Disposal of all trade related debris to be handled by MBL.
- Provide any equipment required by MBL to complete the defined Scope of Work.
- MBL to provide permit ready plan set; consisting of stamped and engineered structural drawings, details, and calculation packages with design support provided by MBL as needed.
  - Lead time to provide module layout verifications, column layout verification, and appropriate structural documents is three weeks from NTP for design services.
- Lead times and proposal pricing for material fabrication is based on meeting mill runs. This time frame is approximately 6-8 weeks from the Notice to Proceed to on-site delivery.
- Proposal assumes the utilization of the Canadian Solar 545w module.
- Proposal assumes state prevailing wage requirements for Monterey County, CA.
  - Laborers to be assigned the module mounting scope of work.

**Scope of Services for MBL Parking Structures**

- Provide full structural and mechanical assembly for the parking canopy structure as specified by the MBL designs.
- Proposal assumes buildable soils conditions with no obstructions or limitations and a pier depth for the foundations that is assumed to be a maximum pier depth of thirteen feet (13') per the ENGIE RFP.
  - Proposal assumes spoils (non-hazardous) from pier drilling will be off hauled by MBL.
  - 30" round foundation piers to be installed on 27-foot centers with a 30" above grade bollard (abutment) as part of the foundation.
  - Change Order value provided in the Price Table for the adjusted pier depths to meet the 90P Plan Set depths.
- Provide all construction services including furnishing labor and materials for the installation of a steel parking canopy structures consisting of the "T" style column and beam assemblies.
  - Column structure counts in the price table below.
- Furnish and install all mounting "Z" purlins, blocking, and "C" closure trim as specified by the MBL Designs. All mounting section components will be fabricated from G-90 Galvanized steel coil.

- Furnish and install all Beacon Technologies module mounting hardware, consisting of clips, washers, and fasteners for the purpose of module installation. All items fabricated from G-90 galvanized steel coil, or mechanically galvanized components.
  - Modules to be mounted in portrait orientation in compliance with MBL Designs.
  - Design to utilize the Beacon Technologies UL 2703 certified module hardware for inter-module and grounding.
- Parking Canopy HSS steel components will be factory primed and painted with field touch-ups as required. Finish paint to be in accordance with Industrial DTM Acrylic Enamel, or equal, paint specification.
  - Includes color matched metal baseplate cover boxes to be furnished and installed by MBL.
- Carport Structure will be constructed on a seven-degree tilt, with a minimum low side clear height of thirteen feet six inches (13'6") and installed parallel to grade of the parking surface.
- Proposal includes the removal of light pole bases per the site quantities provide by the Engie Services US RFP document.
- Underground Utility locator service for our scope to be provided by MBL Energy.
  - MBL to also file a ticket with 811 for utility markings.
- Proposal assumes the below example mobilization/remobilization schedule.
  - Per the Engie RFP, each site shall have the below number of phases/remobilizations:
    - Natividad Medical Center – Three
  - Drill, Set, Foundations for Phase One
  - Steel and Purlin Erection, Module Installation, and Welding and Grout Phase One
  - Drill, Set, Foundations for Phase Two
  - Steel and Purlin Erection, Module Installation, and Welding and Grout Phase Two (etc., etc. etc.)
  - MBL to return to site to complete any touch up paint and punch list items once other trades have reasonably completed their scope work.
  - Additional re-mobilizations to a project site will be subject to a change order and a fee of \$8,000

#### **Scope of Services for Fixed Ground Mount Install**

- Provide full structural and mechanical assembly for site specific Fixed Tilt Ground Mount System designed by MBL Energy.
- Proposal assumes piers installed to a depth of no more than Eight Feet (8') per the ENGIE RFP.
  - Piers to be furnished by MBL.
  - Proposal assumes that piers can be installed in the existing soil conditions and without any underground obstruction or refusal.
  - Piers to be installed via vibra-pile methods with our Vermeer PD-10 tractor.
  - Change Order value provided in the Price Table for the adjusted embedment depths to meet the 90P Plan Set depths.

- Furnish and install all design specified rails, brackets, beams, module mounting hardware, and accessory components for the MBL Designed Fixed Tilt Ground Mount system.
- MBL to mount owner supplied modules to be mounted in portrait orientation.
  - MBL to take delivery of and install all solar modules at the project site.
  - Module packaging debris to be disposed of by MBL.
- MBL to provide survey services to locate and benchmark (with whiskers) the locations for the pier installation with GPS coordinates map in CAD.
  - Full site and site boundary surveys to be provided by others and provided to MBL to be used as the baseline for MBL's survey scope.
- MBL to provide underground utility locating services for the areas in which their scope will take place and for their own use.
  - MBL to also file a ticket with 811 for utility markings.

#### Clarifications

- Price proposal is based on current market raw material pricing and is valid for **90** days.
  - Additionally, proposal assumes Notice to Proceed for Material Procurement will be issued within 45 days of contract execution. Otherwise, project is subject to price adjustments to current market values for raw materials.
- Sales taxes are included.
- Price Table breakout pricing is for illustration purposes only.
- Soils investigation and geotechnical reports to be provided by Engie Services US.
- Adverse soils. Currently the proposal does not contemplate any adverse soil conditions, including rocky, sandy, contaminated, ground water, or otherwise problematic construction limitations. A soils test will be required prior to construction and this testing is not included in our project proposal. If caissons, dewatering, spread footings, or other abnormal methods are required, work will be performed at additional cost to the developer.
  - No contingency costs for adverse conditions included as part of this proposal.
- Cost of permits will be the responsibility of the developer.
- Price proposal assumes that shown quantity of modules will fit in the areas specified on the layouts.
- Pricing is subject to change pending actual engineered column counts.
- Price proposal assumes and will be held to the limitations of the MBL plan set. These limitations include, but not limited to, structure sizes and dimensions, and any individual site engineering required for flood zones, excessive wind zones, snow loads, liquefaction, wildfire zones, etc.
  - Price is subject to change based on these potential changes.
- MBL Designs assume specific physical characteristics of the selected module. Module will need to be verified for compliancy prior to final selection.
  - Price is subject to change pending final selection.
- Proposal assumes modules have been tested to load standards that allow for a four-point connection for module mounting methods.
- Any landscape and hardscape damaged by Subcontractor is to be repaired by Subcontractor. This does not include the removal of any underground or USA markings to locate underground utilities.

- MBL to not be held responsible for pre-existing parking lot conditions that may worsen due to equipment that is required to perform this scope of work.
  - Prior to construction, sign off from Engie Services US about the existing parking conditions to be required and discussed.
- Any third-party inspection requirements or inspectors are to be retained by Engie Services US or the Host Client, which ever has authority.
- The final design layouts will be based on arrangements agreed to between MBL Energy and Engie Services US and will be subject to approval of local Fire Marshall for access.

#### Exclusions

- Electrical engineering design services are excluded.
- All electrical, including inter-module wiring, canopy lighting, source circuitry for DAS, electrical sweeps, underground work related to reaching point of connection, EV Chargers, and any work related to completing interconnection of system are excluded from this proposal.
- Parking lot repairs, re-striping, curb removal, sidewalk repairs, tree removal, or bollard removal, and any storm drain, or existing utility re-location are excluded from this proposal.
- Any work related to bringing project site up to ADA code compliancy is excluded from this proposal.
- No wheel stops, drive aisle bollards or low clearance signage for array protection. This includes repairs to damaged existing wheel stops.
- No permanent or temporary fencing installation.
- No site civil work of any kind. This includes grading prior to construction, installation of base rock, or any kind of site dust or weed control.
- Proposal excludes any scope of work related to re-roofing any buildings. The only roofing scope to be provided will be to flash in structure related roof penetrations and make them water tight.
- Proposal does not include the painting of electrical conduit, or other accessory items attached to the shade structure.

#### Pricing Table

Please see attached Price Table

Please visit [www.mbl-energy.com](http://www.mbl-energy.com) for photos and information on our portfolio of projects. If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,



Jay Kirby  
MBL & Sons, Inc.

## Attachment - Price Proposal Form

Monterey County

MBL &amp; Sons, Inc.

5/5/2025

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