

**COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING**

In the Matter of:

<i>Electronic Application of Unbridled</i>)	
Solar, LLC for Certificates of)	
Construction for an approximately 160)	Case No.
Megawatt Merchant Electric Solar)	2020-00242
Generating Facility and Nonregulated)	
Electric Transmission Line in Henderson)	
and Webster Counties, Kentucky)	

Notice of Filing

Please take notice that Unbridled Solar, LLC (“Unbridled”) herewith submits the attached responses to Siting Board Staff’s Post-Hearing Request for Information Nos. 02-04. These are part of Unbridled’s Response to Staff’s Post-Hearing Request for Information filed on April 19, 2021, for which a Motion for Extension to Respond to the remaining data requests was filed the same date. The verification contained in the Response to Staff’s Post-Hearing Request for Information filed on April 19, 2021, also applies to the responses filed herein.

Respectfully submitted,

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Request

2. Provide the estimated cost of planting non-mature vegetation in accordance with Unbridled Solar's proposed vegetative screening plan.
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Response

Based on consultant research and previous experience, the estimated cost of planting non-mature vegetation in accordance with Unbridled Solar's proposed vegetative screening plan starts at \$200,000-\$250,000. This estimate is based on current vegetation prices, availability, and installation costs. Unbridled anticipates there could be additional costs at the time of planting depending on availability and demand for the planned vegetation. In general, Unbridled anticipates lower additional costs and healthier establishment for planting non-mature vegetation than for mature vegetation. Therefore, Unbridled asserts that the screening plan as proposed with nonmature vegetation will provide sufficient screening at the time of planting and result in a more successful visual mitigation buffer in the long term.

Request

3. Provide the estimated cost of planting mature vegetation in accordance with Unbridled Solar's proposed vegetative screening plan.
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Response

Based on consultant research and previous experience, the estimated cost of planting mature vegetation of the types and at the locations indicated in Unbridled's proposed vegetative screening plan (which is for unmaturing trees and shrubs) starts at \$300,000-\$400,000. This estimate is based on current vegetation prices, availability, and installation costs. Unbridled anticipates there could be additional costs at the time of planting depending on availability and demand. If this type of mature vegetation is required for other utility-scale solar projects in the region, Unbridled anticipates a shortage of supply that cannot meet the demand. A supply shortage would likely result in increased cost per unit of vegetation and increased transportation cost due to needing to source plant material from further away. In addition, mature vegetation typically has a higher rate of mortality during establishment than does non-mature vegetation; therefore, additional costs for replacing vegetation that does not survive are more likely when planting mature vegetation. In general, Unbridled anticipates more additional costs for planting mature vegetation than non-mature vegetation, due to a smaller supply of mature vegetation, greater risk of non-survival and needing replacement, and increased transportation and installation costs of larger plant material.

Request

4. Provide the estimated incremental cost of implementing temporary measures such as fencing slats or cover in connection with Unbridled Solar's vegetative screening plan.
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Response

The cost of implementing temporary measures such as fencing slats or cover is heavily dependent on the type and amount of materials used. It will take substantial time for Unbridled to establish relationships with fence vendors and obtain bids for the fence and associated materials. Based on initial research, Unbridled anticipates the cost of installing fencing slats in the areas where the Project proposes vegetative buffers will be \$50,000-\$150,000.