

Estimate - 1.054 MW Solar Farm

Company Name:

Smart Technologies Energy LLC

April 18, 2017

Business Address:

22 Christiansen Way, North Smithfield, RI 02896

Dear Joe,

We are pleased to present our estimate for the installation of a 1.054 MW solar project for Smart Technologies Energy LLC at 22 Christiansen Way, North Smithfield Rhode Island. Below are Solect's cost estimates for each step of the engineering, procurement, and installation process.

The estimated price of the system installation is \$2,635,000 (\$2.50 per watt), which includes all of the line items detailed on page 2. The finalized price and contract will be presented after Solect obtains special conditions that may be required from the Town of North Smithfield as well as from the utility. We are also finalizing the selection of the module for this project (Mfg. selection based on availability).

NOTE: We were informed by National Grid that this project is required to be operationally complete by June 30, 2017, per a contract you signed with them to buy back the power from the system. We also learned that an extension to the contract was granted by the utility for this project to be completed by 6-30-17 and that a second extension would not be possible. The Issue we face in completing the project within this timeframe is with a 12 week lead time we have in receiving the medium voltage equipment, which would result in the equipment being delivered in mid-July. Would you please ask National Grid for another three month extension to enable us to complete the project in a reasonable timeframe.

PROJECT MILESTONES / ESTIMATED COSTS:

Payment Number	Payment Milesione	Estimated Schedule	Amount
ta	Design/Permitting Engineering & permitting	4/14/2017	\$263,500,00
16	Initial Material Order MV Gear, Panel, mounting hardware down-payment Note: MV gear has an 8-12 week lead time	4/14/2017	\$263,500.00
2	Product Procurement - Delivery Panels & mounting hardware delivery and down-payment for inverter	5/15/2017	\$1,054,000.00
3	Mounting Hardware & Panel Installation / Inverter Procuremen Installation of mounting hardware and penels;	6/1/2017	\$395,250.00
4	Panel Electrical Wiring Installation Panel Stringing & electrical wiring, combiner Installation; Delivery of DC-to-AC inverts and balance of system components	6/30/2017	\$398,250.00
5	Electrical and Balance of System Installation Inverter Installation & Electrical equipment connection Balance of System & Monitoring Equipment Installed Final city/fown building and electrical permit inspection approval, Commissioning Notice	7/15/2017	\$263,500.00

Total \$2,635,000.00

(Jw #)

508.598.3511 - 89 Hayden Rowe Street - Hopkinton, MA 01748



Project Scope

Address: 22 Christiansen Way, North Smithfield, RI -- 1,054 kW DC

Ground Mount Materials and Installation

Terra Smart Racking, 4x6 Landscape

Columns, beams, rails, foundation and wire manager, shipping, pull out test, stamped documents, racking leg survey & staking

Racking Install

Labor to install and assemble racking & modules

Site Work (based on historical data)

Includes: Erosion control, berms, basins, swales, trenching, hydroseed entire site final grading, concrete pads, Reclaimed asphalt gravel roadway. Fencing Tree clearing, stumping and regarding by other N.I.C.

Fence: 2035LF@6'-0" tall X \$35/LF = \$71,225 Road: 685'-0"L x 20'-0"W x \$40.00/LF =\$27,400

Landscaping

Not included in this preliminary pricing. TBD as project moves forward

Design & Engineering

Electrical engineering one-line, revisions, as-built, and in-house design

Modules

LG 360'SW

2,928 each

NOTE: LG360 modules to replace Canadian Solar 310 modules on one-line dated 6-10-2015

Utility

All utility approvals and IA by client

MV Gear & Install

Includes the following:

- 1- 1000KVA Wye / Delta Padmount Transformer (12.47 to 480/277 Volt
- 1- 15KV Gang Operated Airbreak Switch
- 2 Class 2 / 45' Wood poles with Cross-arm and Req. hardware
- 1- 15KV Polemount Recloser with Relay Protection
- 1 75KVA Grounding Transformer at 12.47KV

150CF of 1/0 XLP, AL., 15 KV, Jacketed Concentric Neutral Cable

Prote



Smart Solar, Smart Eusine s

6- 200 Amp Load Break Elbows 3 - 15KV Outdoor Terminations Duct Bank conduit and secondary wiring is by others All Rigging, Cranes, Aerial Devices included

AC Combiner Switchgear & Ultility	Disconnect
	Disconnect and 2 poles (customer owned)
Building Permits	
Permit estimated @ \$30,000.00, * :	Surety Bond not included in estimate

Inverters	
Solectria TL-23 'inverters	34 each
NOTE: Solectria inverters replace A	dvanced Energy inverters specified on
on one-line by Smart Technologies	dated 6-10-2015
Discom String Combiner Panels	
20 position combiner panels	20 total at \$1,400 each
NOTE: Combiner panels replace co	ombiner panels on one-line dated 6-10-2015
Electrical Materials (BOS)	
Pipe & Wire	
Project Management	
Monitoring Package	
Electrical Labor DC	
Electrical Labor AC	
Hardware & Miscellaneous	

Just, by

Latrine, dumpster & miscellaneous hardware,

equipment rental, containers, plywood, hand tools

Included as part of this agreement, Solect Solar will provide the necessary (O&M), equipment maintenance, service and monitoring of STE's solar system array after construction, as jointly agreed upon, for the duration of this contract.



Thank you again for the opportunity to provide you an estimate for this solar field project.

Best Regards, Steve

Steve Bianchi Partner Solect Energy Development LLC

Approvals to proceed:

Ken Driscoll, PO

Solect Energy Development, LLC

89 Hayden Rowe Street, Hopkinton, MA 01748

Joseph Higginbottom, CEC

Smart Technologies Energy, LLC 22 Christiansen Way, North Smithfield, RI 02896