

BID FORM
City of Salem
Solar Photovoltaic System

The undersign proposes to provide the work described in the Bid Documents relating to the turnkey installation of a solar photovoltaic system at the **Salem High School** for the total delivered price of:

BASE BID PRICE:

Forty five thousand eight hundred fifty \$ 45,850.00
Base Bid Price in words Base Bid in numbers

ADD ALTERNATE 1 – DATA ACQUISITION SYSTEM:

Price Above includes Prvweb Weather Station by Fat Spaniel Teh
Alternate 1 Price in words Alternate 1 in numbers

BY: Thomas Dowd 4/28/09
Signature Date
Thomas Dowd President
Type or Print Name Title

North Shore Solar and Wind
Business Name

71 Cabot St. Beverly Ma. 01915
Business Address City St. Zip

978-927-8152 AdmiralTD@aol.com
Business Phone Business Email

Please answer the following question. Is this bid based on supplying photovoltaic panels manufactured in the Commonwealth of Massachusetts?

Yes, our bid is based on panels manufactured in MA. We understand that if the panels we provide are not manufactured in MA that \$0.15per watt or \$300 will be deducted from the final contract price.

No, our bid is not based on supplying photovoltaic panels manufactured in MA. We understand the project will not be eligible for up to \$300 in additional incentives from the MTC. We understand that \$300 will be added to our base price for purposes of determining the lowest bidder.

The inverter or panels can be manufactured in Mass, we are using Soletrica inverters.

- Subscription services for the DAS, if any, must be included for a period of at least three years, with the option to renew on an annual basis
- Include curriculum integration support and classroom materials to help educators include data from the PV system in applicable courses.
- Allow users to download data in a spreadsheet format.
- Utilize no on site computers or equipment to store data or act as a server for the system webpage. Energy consumption of the DAS equipment shall be kept to a minimum level.
- The DAS must, at a minimum, measure and record the following at a 15 minute or shorter interval:
 1. AC power out of the inverter
 2. Ambient temperature at the array
 3. Ambient air speed
 4. Global irradiance
- Upload all recorded data to the website automatically on an hourly or shorter basis.

V. Project Execution

Schedule – Work shall be completed in coordination with Director of Facilities for the Salem Public Schools, Mr. Paul L’Heureux at 978-740-1162. The contractor will supply a detailed one-line wiring diagram upon bid award based on the system capacities and components. The contractor will attach this diagram for Submittal as part of the Building Permit application. The contractor will submit documentation for Interconnection Approval to National Grid, Salem’s electricity provider.

Location – The roof mounted photovoltaic array shall be mounted as shown on the attached Roof Plan

Enclosed—(1) Certificate as to Corporate Bidder; (2) Certificate as to Payment of State Taxes; (3) Certificate of Non-collusion; and (4) Certificate of Fair labor practices

(1) CERTIFICATE AS TO CORPORATE BIDDER

I, Thomas Dawd certify that I am the President of the corporation named as Bidder in the Bid included herein, that Thomas Dawd, who signed said Bid on behalf of the Bidder was then President of said corporation, that I know his signature, that his signature thereon is genuine and that said Bid was duly signed, sealed and executed for and in behalf of said corporation by authority of its governing body.

Thomas Dawd

(Corporate Seal)

(Secretary-Clerk)

Dated: 4/28/09

(3) CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

Thomas Jowd
(Name of person signing bid or proposal)

North Shore Solar and Windpower
(Name of Business)

(4) CERTIFICATE OF FAIR LABOR PRACTICES

The undersigned certifies under penalties of perjury that in accordance with Section 504 of the (Federal) Rehabilitation Act of 1973 and 31 Code of Federal Regulations, Part 51, his/her company does not discriminate on its employment, procurement and marketing activities on the basis of race, creed, color national origin, sex, handicap or age.

Thomas Jowd
(Name of person signing bid or proposal)

North Shore Solar and Windpower
(Name of Business)

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/02/2008

PRODUCER (508) 480-9540
 William S. Drowne Ins. Agency, Inc.
 11 Main Street - Suite 8
 P. O. Box 411
 Southborough MA 01772-0411

INSURED
 North Shore Solar and Wind Power Co
 71 Cabot Street
 Beverly MA 01915-

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Western Heritage Ins.	
INSURER B: Commerce Insurance Co.	
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	X	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	SCP 0687721	01/10/2008	01/10/2009	EACH OCCURRENCE	\$ 1,000,000
				/ /	/ /	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 50,000
				/ /	/ /	MED EXP (Any one person)	\$ 5,000
				/ /	/ /	PERSONAL & ADV INJURY	\$ 1,000,000
				/ /	/ /	GENERAL AGGREGATE	\$ 2,000,000
				/ /	/ /	PRODUCTS - COMP/OP AGG	\$ 2,000,000
B		AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	08 MMBBNZZX	02/27/2008	02/27/2009	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
				/ /	/ /	BODILY INJURY (Per person)	\$
				/ /	/ /	BODILY INJURY (Per accident)	\$
				/ /	/ /	PROPERTY DAMAGE (Per accident)	\$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO		/ /	/ /	AUTO ONLY - EA ACCIDENT	\$
				/ /	/ /	OTHER THAN EA ACC	\$
				/ /	/ /	AUTO ONLY: AGG	\$
		EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE RETENTION \$		/ /	/ /	EACH OCCURRENCE	\$
				/ /	/ /	AGGREGATE	\$
				/ /	/ /		\$
				/ /	/ /		\$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER		/ /	/ /	WC STATU-TORY LIMITS	OTH-ER
				/ /	/ /	E.L. EACH ACCIDENT	\$
				/ /	/ /	E.L. DISEASE - EA EMPLOYEE	\$
				/ /	/ /	E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Additional Insured: Groom Energy Solutions, LLC

CERTIFICATE HOLDER

() - (978) 306-6053
 Attn: Susan Stratton
 Groom Energy Solutions, LLC
 96 Swampscott Road
 Salem MA 01970-

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

William S. Drowne

ACORD 25 (2001/08)

INS025 (0108).05



City of Salem

2kW Solar Voltaic Bid

List of five similar jobs in last three years;

1. / and 2. Ella T. Grasso Technical High School, Groton Ct.

Project for Groom Energy Solutions 1.9kW

96 Swampscott Rd.

Salem Ma.,01970

Two jobs completed, each project 1.9 kW.

Contact: Maria 978-306-6052 or cell 781-576-9219

3. Maureen Downey 2.52kW

10 Cherry Hill Ave., Salem Ma.

Contact# 978-745-3779

4. Fred Thurlow

26 Marsh Ave., Newbury Ma. 1.9kW

Contact# 978-462-8890

5. Job for Meridian Associates at Beverly High School (met. Tower)

Contact; Johnathon Markie #978-767-0694

www.northshorewind.com

71 Cabot Street | Beverly, MA 01915 | 978.927.8152