# Twin Cities Area 2022 Solar Co-op RFP Response Template

## Part 1 of 2 – Template Responses

Please answer each of the following questions in this document. LMI questions are highlighted in yellow.

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| [Company name] |
| Primary contact name |  |
| Primary contact phone |  |
| Primary contact email |  |
| **Competitive Pricing** |
| 1. | Provide the base $/W price the Proposer will offer to all solar co-op members. Please note if there is a minimum system size.(NOTE: Our co-ops sometimes attract a few small commercial members. Providing separate commercial pricing here is optional.) | * $#/W – Module X w/ Inverter Y
* Slate roofs supported?
* Ground mount & trenching costs?
* $ - Roof structure reinforcement
* (Optional) Can you offer commercial pricing? If so, at what price range and for what range of system sizes?
* (Optional) If you have any. custom options for houses of worship or non-profits that you’d like to promote, please include that information as well.

***[These are EXAMPLES below – Add/Remove as needed]**** $/W - Small System Adder for Systems < 3kW DC (min. 2kW)
* $ - Electrical Service Upgrade (flat)
* $/W - Interior conduit run
* $/W - Flat Roof Installation
 |
| 2. |  List any optional upgrades to system components.  | ***[These are EXAMPLES – Add/Remove as needed]**** $#/W – High efficiency module
* $#/W – American made
* $#/W – Microinverters/optimizers
* $ - Squirrel guards and snow guards
* Options you offer for homes without wi-fi?
* $ - Electrical panel upgrade
* $ - Cost for a ‘line side tap’
* $ - Cellular monitoring option + minimum 5 year data plan
* $- Home energy display – homeowner can see energy their house is consuming and how much the system is producing (optional)
 |
| 3. | Will you offer battery backup? If so, please quantify Proposer’s experience with batteries (number of commercial and/or residential PV + storage installations). | * [YES/NO]
* Experience with PV-based battery systems
 |
| 4. | Will you install an outlet for a Level 2 electric vehicle charger(s)? Do you sell chargers? | * [YES/NO]
* Specify sample pricing of install and/ or charger.
 |
| 5. | Will you offer loan financing to co-op members? Is there a financing surcharge? (either % price increase or financing or origination fee) | * [YES/NO]
* Specify loan products and applicable terms
 |
| 6. | Will you offer a Power Purchase Agreement or lease to co-op members? | * [YES/NO]
* Specify starting $/kWh price, percentage escalator, length of the contract, etc.
 |
| 7. | Will you process all incentives on behalf of co-op members? | * [YES/NO/NA]
 |
| 8. | Will there be any additional charges for securing historic permits, HOA approvals, or other permits or approvals that go above and beyond normal permitting requirements? **NOTE**: We recognize historic permitting incurs additional cost and want to ensure your costs are covered. If additional charges are required be sure they are listed in the added cost section. | * [YES/NO]
* Explain [optional]
 |
| 9. | Will Proposer be able to remove and reinstall the original PV installation should a co-op member require roof repairs or replacement at a later date independent of Proposer’s PV installation? If so, please specify at what cost to the co-op member.  | * [YES/NO]
* Cost
* Duration available
 |
| 10. | What are your standard milestone payments for a signed contract? **NOTE**: The Selection Committee will look favorably on milestone payments that include a final payment after receipt of permission to operate from the utility. | ***[These are EXAMPLES – Add/Remove as needed]**** X % at milestone 1 (example: contract signing)
* X % at milestone 2 (example: equipment order)
* X % at milestone 3 (example: inspection)
* X % at final interconnection (permission to operate)
 |
|  **System Quality & Sourcing** |
| 11. | List all model names/numbers of equipment and components Proposer intends to install including panels, roof attachments, type of racking system, and type of inverters. If you offer multiple options for panels (i.e. American-made vs. not American-made), inverters (i.e., central inverters vs. micro-inverters) or roof attachments/racking, please specify components and attachment methods used for each option.**Note:** Following the intensified winter storms in recent years, there has been an increased risk of personal and property damage from masses of snow avalanching off of solar arrays. Snow management systems can reduce this danger. If your company is able to install a snow management system should a homeowner desire this additional feature, please list the component manufacturer and model your company recommends. | ***[These are EXAMPLES – Add/Remove as needed]**** American Made Module X, Model #, Details, Made in USA
* High Efficiency Module Y, Model #, Details, Made in China
* Inverter Z, Model #, Details
* Racking System Q, Details
 |
| 12. | Describe the equipment and methodology used to weatherproof all roof attachment points made during installation. | ***[These are EXAMPLES – Add/Remove as needed]**** Flashings
* Pitch pockets (flat roof)

NOTE: If you are using a flat roof parapet mounting system please describe in detail how parapet attachment points are weatherproofed. |
| 13**.** | Will installed systems include monitoring and at what level (system wide or panel level)? How much will monitoring services cost?**NOTE:** If monitoring charges are not included in the base pricing, be sure they are listed in the added cost section. | * [YES/NO]
* Cost
* Cost for 15 years of monitoring
 |
| 14. | If available, what is the cost of an operations and maintenance plan that lasts 15 years and includes:* One module cleaning visit
* One system check-up
* Labor costs for faulty equipment replacement
* Proactive system monitoring and response
* (optional) 3rd party warranty assurance service to take over maintenance should your company go out of business
 |  |
| 15. | Do you have a long-standing relationship with any included equipment manufacturers or distributors? | * [YES/NO]
* Details
 |
| **Proposer Experience & Qualifications** |
| 16. | Provide three (3) customer references and their contact information from customers who worked with Proposer during the installation phase. |  |
| 17. | Do you offer roofing services in house? If so, are they sub-contracted? How long have you offered roofing services? If you partner with roofing companies, please provide roofing company’s information and experience with roof repair/replacement in conjunction with solar PV installation.  | * In-house roofing services? - [YES/NO]
	+ Sub-contracted? - [YES/NO]
* Roofing Partner - [YES/NO]
	+ Details
	+ Experience
 |
| 18. | Please describe the company’s key personnel and certifications **who will be working directly on this co-op and an estimate of time to complete work**. Also describe your staffing plan and provide staff names for key roles.**NOTE:** Our goal is to understand how your organization will staff and coordinate a large group of leads in a short time frame. | * Do you have a backlog of work, or can you start working on this co-op immediately?
* When do you anticipate having all site visits and proposals completed for the group at its current size?
* How soon after receiving a customer’s signed contract will the physical installation begin?
* What languages can your sales staff support?
* Key company personnel
* Key certifications and who holds them (NABCEP, RISE, Professional Engineer (PE), Master Electrician’s License, other State-required licenses)
* Total number of employees
* Number of full-time employees dedicated to co-op
* Number of part-time employees dedicated to co-op
* Number of employees working part-time on co-op
* How many new employees have been hired in the last year?
* Do you anticipate using sub-contractors (individuals or companies) for this co-op? If so, please provide additional detail on why and how contractors will be used.
* Staffing Plan & contact info for each staff member:
	+ Customer communication
	+ Solar United Neighbors communication (weekly calls and Salesforce CRM database updates)
	+ Site visit scheduling
	+ Site visits
	+ Installation
	+ Administrative work
 |
| 19. | Please provide company information & experience. **NOTE:** Please provide answers to ALL the bulleted points. | * Number of years in business?
* Number of years installing PV systems?
* Are you a B-Corp or other social benefit organization?
* Are you a member of your local SEIA chapter or other professional organizations?
* Amount of general liability insurance?
* Amount of worker’s compensation insurance?
* State and local licensing numbers
* Total number of solar PV installs by company (everywhere)
* Total number of solar PV installs completed in the last two years
* Number of solar PV installs in the co-op area in the last two years
* Additional information on the company’s experience, standing and stability
 |
| **System Warranty** |
| 20. | Describe production and product warranties provided for system modules.NOTE: Refer to the “Technical Requirements” section of the RFP | ***[These are EXAMPLES – Add/Remove as needed]**** Module model X
	+ Product warranty = 10 years on all defects
	+ Production warranty = 25-year linear warranty to 80% of rated capacity
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| 21. | Describe warranty provided for inverters and options for extending the warranty.Should it not last 15 years, what is the cost to extend the warranty to 15 years?  | ***[These are EXAMPLES – Add/Remove as needed]**** Inverter Y
	+ Product warranty = 10 years
	+ Extendable to 20 years
 |
| 22. | Describe warranty provided for Proposer’s labor and workmanship. Give details for roof penetration warranty.**NOTE**: please indicate whether Proposer offers an electrical production/performance guarantee.Should it not last 15 years, what is the cost to extend the warranty to 15 years?  | ***[These are EXAMPLES – Add/Remove as needed]**** Installation warranty = 10 years on all workmanship including all roof penetrations
	+ Extendable to 20 years (see pricing sheet)
* Terms of performance guarantee (if applicable)
 |
| **Social & Community Benefits** |
| 23. | Provide location of your nearest office |  |
| 24. | Please answer each question at right with respect to your inclusion, diversity and fair wage practices.  | * Are you a woman or minority-owned business?\*\* If you are registered as such in the co-op’s area, please provide documentation.
* Do you make any significant efforts to offer employment opportunities to women, minorities, residents from unemployed or underemployed communities, including qualified individuals with criminal records?\*
* Please specify what policies you have in place to ensure hiring on the basis of merit and in accordance with fair employment laws.\*
* How many people on your staff identify as a minority?\*\*? How many have supervisory responsibilities?
* How many people on your staff are women? How many have supervisory responsibilities?
* Do you pay a living wage\*\* ($18.74/hour) for all employees for the county where your closest office is based? (Category: “1 Adult”, source: http://livingwage.mit.edu/ )
 |
| 25. | Please describe any commitments you have made or are willing to make regarding local engagement if you are chosen to service the group. For example, companies previously chosen offered job internships, solar job training programs, donated to local nonprofits and planted trees. etc.  |  |
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| Working with Low Income Homeowners |

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| 26 | *We are partnering with* [*City of Lakes Community Land Trust*](https://www.clclt.org/) *to help low-income homeowners go solar. While not seeking a lower price for these homeowners, we are wanting to provide them with contract terms that work for their situation. This could include:* * *Offering a small down payment that is refundable*
* *Willingness to take final payment after secured incentives are paid out. This could be a substantial amount of the overall cost. (Xcel Income Qualified Solar Rewards and the Minneapolis Green Cost Share funds are likely sources in addition to others.)*

Are you willing to create terms along these lines for a limited number of low-income homeowners (ten or less)? |  |
| 27 | Do you have any experience working with low-income homeowners?  |  |

## Part 2 of 2 – Additional Required Documentation

In addition to submitting this completed template (in Word), please also provide a **SINGLE** PDF that includes the following documentation:

* Spec sheets for each module and inverter type specified
* Copy of your template sales proposal (if different than your contract)
* Copy of your standard contract agreement
* Copy of general liability insurance
* Copy of applicable jurisdiction licensing certificate(s)
* Copy of your standard contract language covering your installation and roof penetration warranties

Optional content to be included at the end of the document:

* Any additional business promotional information, warranties, performance information, product certifications, installation examples, etc.
* If applicable, a copy of your certification as a woman or minority-owned business

\* *In accordance with Title VII of the Civil Rights Act of 1964, the selected installer shall not discriminate on the basis of race, religion, national origin or sex. In accordance with U.S. Equal Employment Opportunity Commission (EEOC) guidance on Title VII, the selected installer shall not have a blanket policy against hiring individuals who may have convictions on their record but shall have in place a fair and equitable hiring/employment policy that takes all relevant factors into account when making employment decisions.*

*\*\* For the purpose of this RFP response, please consider the following definitions in your responses. The actual certifications mentioned in references below are NOT required to qualify for the purposes of this RFP. The certification qualifications listed are used for definitional purposes only.*

* Minority – *“Minority group members are United States citizens who are Asian-Indian, Asian-Pacific, Black, Hispanic and Native American.”* (Source: https://nmsdc.org/mbes/what-is-an-mbe/)
* Minority-owned business – “*Ownership by minority individuals means the business is at least 51% owned by such individuals or, in the case of a publicly owned business, at least 51% of the stock is owned by one or more such individuals (i.e. the management and daily operations are controlled by those minority group members.)”* (Source: https://nmsdc.org/mbes/what-is-an-mbe/)
* Living wage – Sufficient hourly or salary income to meet the minimum local cost of living. For the purpose of this RFP, we’re using category of “1 Adult”. (Source: MIT calculator: <https://livingwage.mit.edu/>)
* Woman-owned business – *“At least 51% unconditionally and directly owned by women; The woman must manage the day-to-day operations; The woman must make the long-term decisions for the business; A woman must the hold highest officer position in the company; This woman must work at business full-time during normal working hours****.”*** (Source: https://www.nwbc.gov/content/what-certification/)