

## **USBC Funded Renewable Energy Project**

### **Proposed Project:**

1. Project Description.
2. Project Location.
3. Project parts list and costs.  
Please see attached proposal sheet from SBS Solar for complete component list.
4. Project Design Costs.
5. Project Labor Costs.
6. Project Total Costs. \$
  
7. Amount of funding requested. \$
  
8. Other sources of funding.
9. Past projects.
10. Nameplate Capacity of System.
11. Projected system capacity factor.
  
12. Projected yearly output of system.
  
13. Projected life expectancy of system. 25 years
  
14. Projected life output of system.

15. Will this system be used in tandem with any other source of non-grid generation?  
No.

16. Describe monitoring and verification plan for the technology. The inverter includes a monitor which reports power produced both instantaneously and cumulatively. We have also included the hardware to bring this data online so Library staff members, the public and SBS Solar staff can monitor from our office.

17. Is there a plan in place for system maintenance? System maintenance will be performed by SBS Solar on an annual maintenance contract. Five years of this annual fee is included in the proposal cost. This contract can be extended as requested.

18. What permits and permit jurisdictions are applicable to this project? We will obtain a state of Montana Electrical permit.

19. How will the balance of the project be paid for?

20. Identify the customer group the project will most benefit.

21. List environmental impacts of Project.

The array will be mounted on the roof and it will be easily seen from the surrounding streets. CO<sub>2</sub> emissions will be reduced 57,400 lbs per year or 1,435,000 lbs over twenty five years, if all conventional electricity were generated via coal powered combustion power plant. 2.0 lbs of CO<sub>2</sub> per kWh is utilized in these calculations.

22. Will the project require net metering?

Yes, this system will require and benefit from net metering.

23. Have you selected a contractor?

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