



March 24, 2021  
Sandbox Solar LLC

## Call For Applicants: Part Time Farm Manager

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You can probably tell by our name that Sandbox Solar is not just another solar panel installation company. Sure, we design, develop, and install high quality solar solutions for homes, businesses, and communities - but above all we are passionate to find novel renewable energy solutions that can be replicated across the globe to solve the climate crisis.

Sandbox Solar was founded by an environmental engineer with a passion for energy efficiency and sustainability, partnered with a mechanical engineer, who has worked for world leaders in solar energy development since 2008. Sandbox Solar was built on a foundation of impeccable standards and living up to what we say we will do. Solar isn't just a fad for us, we are here to stay. By the way, solar panels are usually made from silicon. Sand is silicon, so the way we see it, a solar panel is essentially a sandbox. We're having a lot of fun playing in this space. Join us!

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Since 2018, our team has been working with Colorado State University researching and designing agrivoltaics. Agrivoltaics is the synergistic relationship between solar energy and agriculture. Our team received a USDA grant in 2019 to deploy a state-of-the-art agrivoltaic plot at CSU's Agricultural Research Center (ARDEC South). Our team found that partial shade from solar panels can increase agriculture production of certain crops. In 2020, Sandbox Solar received funds from the State of Colorado to start an agrivoltaic farm which will be located at Cat Tail ponds in Loveland, CO. At this site water resources are abundant with an opportunity to integrate wetland rehabilitation, food production, water retention, and renewable energy.

**The Vision:** *Create a for-profit farm that will promote eco-tourism and farm-tourism opportunities for the public to learn about wetlands, farming, and renewable energy.*



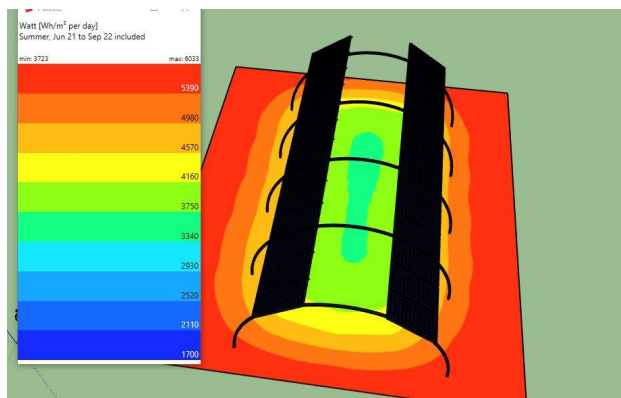
**About the Project:** The startup project has 3 years of runway to prove financial projection and viability. If a successful business model is proven, then co-ownership is encouraged and long term land use will be negotiated in order to maintain the success of the farm. The land is co-owned between Sandbox Solar and local real estate investors whose primary interest is the value of the water and recreational activities. Sandbox Solar will design, procure, and install a novel agrivoltaic high tunnel/greenhouse. We anticipate to experiment with unique specialty crops such as strawberries, herbs, and greens. The farm will be about .5 acre with potential for significant growth.

**Sandbox Solar has budgeted the following:**

- \$10,000 for farm tools and equipment
- \$30,000 for engineering and optimization
- \$100,000 for agrivoltaic high tunnel/greenhouse infrastructure
  - This includes irrigation, seeds, beds, and materials for the farm.
- \$35,000 for part-time farm manager for 2 years of preparation and implementation.
  - Note that salary and compensation will increase with negotiated shared revenue of crop sales.



Cat Tail Ponds Location 40°22'29.8"N 105°07'02.6"W



Sample of Prototype and Engineering Tools



CSU Agrivoltaic Research Plot

We are seeking an entrepreneurial individual who shares this keen vision to develop something special within our community. The individual must have background or experience with business management practices, farm management, and agriculture sales. The individual will have the opportunity to have a major contribution to this farm and make it their own. The individual must be a visionary and methodical natural leader who is ready to scale an novel opportunity.

*The Agrivoltaic Farm Manager position will entail:*

- Work with Ian, CSU Extension Office, and other organizations in order to plan a successful 2022 growing season.
- Manage the implementation of farm plots, preparation beds.
- Coordinate the planning, planting, cultivating, and harvesting of crops. Implement physical operations of the farm including crop plan, field plan, food safety plan, construction/maintenance of structures, general farm maintenance, etc.
- Coordinate farm distribution and communications. Manage food distribution programs including CSA and Pick-Your-Own program with neighbors.
- Manage and mentor farm interns, apprentices, work shares, and other volunteers.
- Provide accurate recordkeeping and reporting on farm outcomes, including written monthly updates to the Executive Director. Participation in regular staff meetings.
- Promote marketing efforts of farms through local mailers, events, and social media.



*We are looking for a Farm Manager who:*

- Possesses a High School diploma; college degree preferred.
- Vegetable farming experience (3+ seasons), farm management experience (2+ seasons)
- Farming experience in controlled environment agriculture such as high tunnels and greenhouses.
- Experience with community outreach, farm-tourism, or other engagement activities
- Consistently demonstrates a strong work ethic and commitment to quality.
- Will represent us with the professionalism and customer service we're known for.
- Has a valid Colorado Driver's License and a record that our Insurer will love.
- Understanding of social media and technology. Sandbox Solar uses Google Drive to organize documents.
- Flexible availability including working nights and some weekends.

*This **WILL NOT** be the right opportunity for those who:*

- Just want a job
- Are afraid of failure
- Can't tolerate working outdoors in all types of Colorado weather...weird as that can be
- Can't easily get self started and organized; and who
- Aren't able to provide influence and leadership with or without formal chain of command.

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