



Grant Proposal

Hydroponic Greenhouse project

About McKinney Roots...

A donation farm growing fresh, healthy produce and eggs for those in need in McKinney

Food donation partners in 2021:
Samaritan Inn, Community Lifeline Center, Community Garden Kitchen, McKinney Little Free Pantry, The First McKinney Baptist Church, St. Michael's Church.

Encourages volunteerism

Part of the Seed Project Foundation



Goals:

- **To increase food production to eliminate hunger in McKinney**
- **To provide food year round**

How to Accomplish: **Build a Hydroponic Greenhouse**

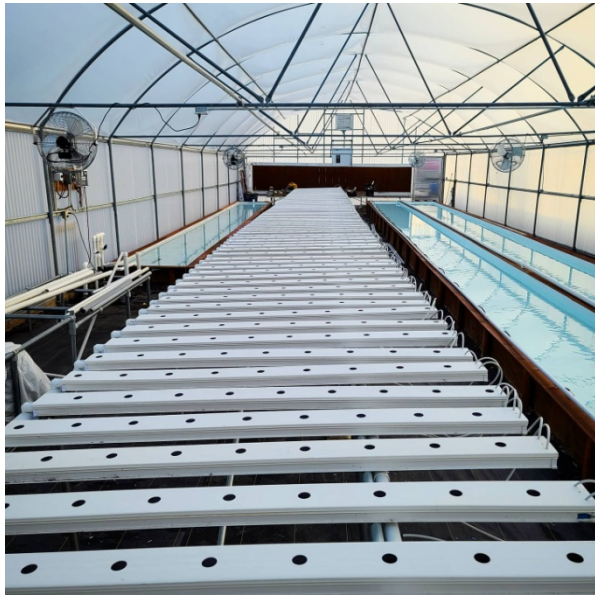
- Grows food 365 days per year
- Uses 93% less water
- Provides healthy leafy greens and herbs



Our grant request of \$15,000 to build a hydroponic greenhouse will be used to purchase the materials to finish the structure *and complete the hydroponic system.

McKinney Roots will cover the labor cost estimated at \$1500

*We have a former heavy pipe batting cage on the property which will be used for the structure.



Hydroponic Greenhouse materials budget

Exterior plastic and blower to inflate	\$1,000
Plastic clips and Wigglewire	\$1,000
Exhaust fan	\$500
Circulation fans	\$400
Waterwall	\$1,500
Plastic liner	\$600
Airstones and pumps	\$1,200
80 rafts	\$1,600
Wood/stain/concrete	\$2,000
Pump and PVC plumbing	\$750
Ground work/gravel floor	\$1,300
Plumbing	\$1,000
Electical Work	\$1,200
Lighting	\$950
Total	\$15,000