

Needful Provision, Inc. 2019- Annual Report w/ 2020 Plans

As of 12 June 2019, NPI celebrated 24 years of successful charitable projects, in the U.S. and overseas. During this time period, NPI has concluded research, development, and testing of several innovative self-help technologies designed to help the poor better assist themselves. With this background, NPI is reporting planned and on-going projects for 2019 as well as planned projects for 2020. To wit:

- 1) Global Distance Education for Developing Nations:** The project focus is on health, food security/ agriculture, and entrepreneurship training. Funding has been requested from USAID, for \$950,000., and from Aetna Foundation for \$750,000. NPI, at its own expense, completed and published an eBook on these subjects to assist with distance education efforts. A partner charity, the Unlimited Learning Center of Cortez, CO will provide NPI with as-needed use of \$450,000 in advanced global distance education equipment for point-to-point broadcasts, worldwide.
- 2) Counterdesertification Demonstration for Kenya:** A 1,200 acre demonstration and testing of NPI's advanced counterdesertification technologies to grow food, feed/ forage, fiber, niche, tree, and green energy crops on desert lands using available local water resources; e.g. water from Lake Turkana (in Kenya). NPI is hopeful that the GOK (Govt. of Kenya) will be able to obtain \$37 million in project funding from the World Bank (action is pending with funding possible by 2020). Planning for this project continued during the year.
- 3) Tubal-Algalculture:** NPI has perfected a system of growing algae in tubes to extract excess nutrients from streams, rivers, lakes, and glades to improve water quality and return nutrients to farms, while growing algal lipids for biofuels and algal high protein solids for livestock feeds and other uses. Prospective funding is ... USDA/ NRCS for \$180,000 and the Everglades Foundation may consider providing an additional \$250,000 for a demonstration of this technology in Florida.
- 4) Model Diversified Farming Project:** NPI is assisting 34 Montagnard (Asian) refugee farmers in Greensboro, NC, with a demonstration project and 9-acre urban farm with distance education features. NPI will provide \$15,500 for this effort, and another \$5,700 has been requested from The Community Foundation of Greater Greensboro, NC. (A generous couple in Greensboro, NC donated perpetual use of their 9-acres of urban farmland, held in an estate, for this long-term effort.)

5) Apollo Publications: Printed NPI's eBook and hard copies of an Entrepreneurship training handbook for instruction of prospective entrepreneurs in developing nations. In addition, Apollo is supporting appropriate distribution of this material. To see this eBook please do a Google search using the first word "ENTREPRENEURSHIP" followed by: 1) .pdf for Adobe; 2) .DOCX for Microsoft Word; 3) . MOBI for Kindle Format & Amazon; and 4) . Pub for others.

6) USDA/ FAS (Foreign Ag Service): FAS considered but then declined US\$35 million in commodities support for NPI's food security projects in both Kenya and Afghanistan. These commodities, if provided, would have been sold by NPI locally to help fund agricultural development projects in those nations. Political delays at USDA and corruption within the two prospective host governments have frustrated funding for these prospective efforts. However, FAS has indicated they may provide a \$10 million commodities grant for Kenya, in 2020.

7) Compass Green: NPI and Compass Green jointly worked on a housing recovery project to assist populations of the Bahamas obtain safe, innovative, and hurricane-resistant homes after the loss of what that had due to the 2017 hurricane destruction. The Compass Green house designs proved to be inadequate to the task, and Nuttle with support from NPI developed a low-cost modular hurricane resistant self-sufficiency house (Nuttle's U.S. Provisional Patent No. 62/761,029). The GOB (Govt. of the Bahamas) indicates it may use Nuttle's design for a hurricane housing recovery effort funded with a World Bank loan, w/ first homes constructed by mid-2020.

8) Dolores Family Project (a food pantry), Dolores, Colorado: In Dolores, a small City in SW Colorado, NPI is working to help said food bank with the purchase of a USDA/ FDA certified mobile kitchen to safely process locally produced crops for this food bank. Dolores Rotary will be the project sponsor and needed funds have been requested from Gates Foundation.

9) Fraudulent Foreclosure Education: As part of its educational charter, NPI's staff worked with fraud and forgery experts to help identify and educate the public on the horrific fraudulent foreclosure practices big banks have been using to illegally take client homes, farms, and ranches using forged documents. NPI's CFO, Renee King, helped to win a related major fraud case, in U.S. District Court, against a corrupt big bank.

12) AgVet Instructional Project: A USDA \$330,000 grant has been requested, for 2020, to start NPI's efforts to provide extensive agriculture training for military veterans seeking to farm.

13) Preparedness Systems Intl., Inc. (PSI) Supported Projects: NPI's indirectly affiliated for-profit, PSI, licenses and commercializes NPI's new technologies and pays NPI a royalty of 03

percent of PSI's annual gross income for use of these technologies. Using requested USDA SBIR grant funds, PSI hopes to commercialize NPI's newly developed all-season greenhouse and biosecure, green poultry house. USAID may be providing funds to acquire same, in quantity, for Afghan farmers. The Islamic Development Bank (ISDB) has asked PSI to consider providing same to many farmers in Indonesia and Bangladesh with ISDB paying the costs for this effort.

14) NPI's Supplemental Efforts: See below.

. a) Additional 2020 NPI food security projects planned in 2019 for several urban farming demonstrations and related instructional efforts for SW Colorado, may proceed in 2020.


b) In 2019 NRCS agreed to fund a tubal-algaculture demonstration for the San Carlos Apache but this effort was cancelled by NPI when the Apache discovered administrative problems that would not allow the tribe's immediate participation. NPI will continue critical negotiations with the Apache, simplify the proposed project, and present the tribe with a modified proposal in 2020.

c) Based on NPI's President's, David A. Nuttle's, very successful experiences in the areas of counterterrorism and counterinsurgency, NPI grants him time as needed to provide instructions for U.S. Army Special Forces, Navy Seals, and CIA Special Operations personnel. Nuttle recently completed his 370-page classified memoir based on lessons learned from his unique special operations experiences such as those detailed in a book entitled "Vietnam's High Ground," by JP Harris. This supplemental effort supports NPI's educational charter and U.S. national security objectives, overseas.

Overview of Budgets: Like most charities, NPI seldom is awarded more than 20 to 30 percent of proposed projects. In 2019, NPI did not receive usual royalty income, from patents owned and licensed, as it has in the past. Thus, NPI's grant income and donations for 2019 totaled only \$224,700.00 (see NPI's Form 990 for 2019 for audited details). Most pending grants were delayed until 2020 with failed commodity grants from USDA/FAS having lost the potential to greatly increase NPI's 2019 project funding. As reported on NPI's Form 990s, NPI's Directors, officers, and most staff members are all volunteers who receive no salaries, benefits, or payments of any kind. Typically, over 95 percent of NPI's annual income goes to support NPI's charitable projects. See NPI's IRS Form 990, for 2019 for the recent financial documentation. NPI's total income for 2020 is expected to exceed \$2.7 million with the primary effort being a Civic Action Training Center, in Kenya, hopefully funded by Rotary Foundation.

15) NPI's Actual Project Expenses for 2019: See Exhibit A (NPI's 2019 Form 990 Part III).

Approved by: David A. Nuttle, President



Part III Statement of Program Service AccomplishmentsCheck if Schedule O contains a response or note to any line in this Part III ☒**1** Briefly describe the organization's mission:

During 2019, NPI focused on 1) Development of counterdesertification technologies for desert lands of the SW U.S.; 2) Crop production and food security in arid and desert regions of Kenya; & 3) Creation of a civic action training center to help improve national security for Kenya (.... a project in U.S. interests).

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? ☒ Yes ☐ No

If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? ☐ Yes ☒ No

If "Yes," describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.**4a** (Code: A19) (Expenses \$ 58,000 including grants of \$ 58,000) (Revenue \$ 0)

Planning, engineering, testing, and development of a 1, 280 acre counterdesertification demonstration project to grow food crops on desert lands of the San Carlos Apache Tribal reservation, San Carlos, Arizona. This effort also included a tubal-algalculture demonstration for desert production of algal lipids for biofuels and algal solids for high protein food/ feed supplements.

4b (Code: B19) (Expenses \$ 77,300 including grants of \$ 77,300) (Revenue \$ 0)

Development, engineering, and testing of desert crop production systems for tribal villages in Kenya. A major focus was creation of innovative means to collect, store, and manage critical water resources to fully support year-long subsurface, micro-drip irrigation of crops in arid and desert regions of Kenya (some 80 % of the total land area).

4c (Code: C19) (Expenses \$ 113,800 including grants of \$ 113,800) (Revenue \$ 0)

Preparations for a Civic Action Training Center, in Kenya, to instruct Kenyan security forces in the means to use village assistance projects to gain rapport and cooperation with tribal villages being targeted and attacked by the Islamic al-Shabaab terrorists from neighboring Somalia. The effort included design as well as testing of appropriate village assistance devices such as hand-operated drills to create new water wells, safe grain storage bins, clean cook stoves, composting toilets and so on.

4d Other program services (Describe on Schedule O.)(Expenses \$ N/A including grants of \$ N/A) (Revenue \$ 0)**4e** Total program service expenses ▶ \$249,100