

# 4162 - Increasing Duck Production-Hen Houses

## Application Details

<b>Funding Opportunity:</b>	3515-Outdoor Heritage Fund September 2020 - Round 17	<b>Initial Submit Date:</b>	Sep 1, 2020 11:24 AM
<b>Funding Opportunity Due Date:</b>	Sep 2, 2020 5:00 PM	<b>Initially Submitted By:</b>	John Devney
<b>Program Area:</b>	Outdoor Heritage Fund	<b>Last Submit Date:</b>	
<b>Status:</b>	Under Review	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Mr. John L  
Salutation First Name Middle Name

Devney  
Last Name

**Title:** Senior Vice President

**Email\*:** jdevney@deltawaterfowl.org

**Address\*:** 1412 Basin Ave

Bismarck North Dakota  
City State/Province

58504  
Postal Code/Zip

**Phone\*:** (701) 222-8857 5218  
Phone Ext.  
 ###-###-####

**Fax:** ###-###-####

### Organization Information

**Status\*:** Approved

**Name\*:** Delta Waterfowl

**Organization Type\*:** In-State Non-Profit

**Tax Id:** 53-0259796

**Organization Website:** http://www.deltawaterfowl.org

**Address\*:** 1412 Basin Ave

Bismarck North Dakota  
City State/Province

58503-\_\_\_\_  
Postal Code/Zip

**Phone\*:** 701-222-8857 Ext. ###-###-####

**Fax::** ###-###-####

**Benefactor:**

**Vendor ID:**

**Comments:**

**PeopleSoft**

**Supplier ID:**

**Comments::**

**Location Code:**

**SAM.gov Entity ID:**

**SAM.gov Name:**

**SAM.gov Entity ID Expiration Date:**

**State Issued ID:**

**Category #:**

**Year Begin:**

**Year Closed:**

**NCES#:**

## Budget

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### ***Objective of Grant***

**Objective of Grant:**

To construct and install 600 new Hen Houses to significantly enhance mallard duck production. Delta will fund the ongoing maintenance of the structures to ensure that the duck production benefit is sustained to ensure increased mallard production for a minimum of ten years.

### ***Summary***

<b>Grant Request:</b>	\$105,000.00
<b>Matching Funds:</b>	\$109,295.00
<b>Total Project Costs:</b>	\$214,295.00
<b>You must have at least 25% match</b>	
<b>Percentage of Match:</b>	51.0%

**Project Expenses**

<b>Project Expense Description</b>	<b>OHF Match Share Request</b>	<b>Match Share (Cash)</b>	<b>Match Share (In-Kind)</b>	<b>Match Share (Indirect)</b>	<b>Other Project Sponsor's Share</b>	<b>Total Each Project Expense</b>
Material, construction and transportation	\$75,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,600.00
Contractor payments for installation	\$18,000.00	\$4,655.00	\$0.00	\$0.00	\$0.00	\$22,655.00
Auger Purchase and maintenance	\$0.00	\$2,100.00	\$0.00	\$0.00	\$0.00	\$2,100.00
Travel cost for Evaluation and Inspections	\$2,550.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,550.00
Project Administration	\$0.00	\$0.00	\$7,500.00	\$0.00	\$0.00	\$7,500.00
Contractor payments for annual maintenance	\$0.00	\$91,800.00	\$0.00	\$0.00	\$0.00	\$91,800.00
Staff time-site identification and landowner permission	\$3,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,600.00
Staff time-mapping and inventory	\$5,250.00	\$0.00	\$3,240.00	\$0.00	\$0.00	\$8,490.00
	<b>\$105,000.00</b>	<b>\$98,555.00</b>	<b>\$10,740.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$214,295.00</b>

**Budget Narrative**

**Budget Narrative:**

The following will describe the major budget categories in detail:

Materials, Construction and Transportation

This is the bulk of our request as the construction and installation is the key first element in the project. Delta will construct the Hen Houses as building them internally is significantly less expensive than other outlets. TEL Woodworking and Conservation in Illinois (the only known vendor) currently prices their structures at \$120-130 per unit not including shipping. Our request equals \$100 per unit.

Detailed manufacturing costs include tubing, wire fencing, steel rod for cradle, hardware and flax straw for \$68/unit. Transportation to installation site is estimated at \$2 and assembly costs of \$30 per unit which includes cutting and welding.

Contractor Payments for Installation

Delta works with individuals who have the ability to install structures. Fees are paid on a flat rate of \$27.50 per Hen House This rate covers mileage (federal mileage reimbursement rate), use of personal equipment (snowmobile, ATV trailer, post pounder) and a wage of approximately \$15/hour. In addition, contractors may be paid up to \$500 for the acquisition of additional supplies and materials. Delta is providing match on this line items as some number of structures will need replacement due to ice or other causes during the ten year term.

Travel costs for site evaluation and inspections

This expenses represents 4 trips at a the federal mileage reimbursement rate to review potential sites as well as secure permission from willing landowners both private and public.

Staff time

Delta Waterfowl has identified 590 hours at a rate of \$15/hour to conduct biological modeling to identify high quality sites for installing Hen Houses, travel to potential sites as well as conducting mapping and inventory to ensure the program is meeting its intended purposes. These expenses will be spread across the three years of the project.

**Bid Attachments**

Description	File Name	Type	Size	Upload Date
No files attached.				

**Match Funding**

Match Amount	Funding Source	Match Type
\$98,555.00	Various Delta Waterfowl Donors	Cash
\$10,740.00	Various Delta Waterfowl Donors	In-Kind
<b>\$109,295.00</b>		

**In-Kind**

**In-Kind Total:**

## Description

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### **Directives**

**Major Directive\*:** Directive C  
Choose One

**Additional Directive:** Choose All That Apply

**Type of Agency\*:** Tax-exempt, nonprofit corporation  
Choose One

### **Abstract/Executive Summary**

#### **Abstract/Executive Summary\*:**

Duck populations are primarily driven by factors that happen on the breeding grounds each spring. Research demonstrates that nest success, duckling survival and the survival of nesting females drive population changes over time. Today, in many parts of the breeding grounds, nest success is often quite low. In order to boost nest success and thereby increase duck production, Delta Waterfowl has extensive research documenting the benefit of artificial nesting structures-Hen Houses, to significantly enhance mallard production. These nesting cylinders, fashioned from rolled straw, are placed in appropriate wetlands and have the demonstrated impact of greatly enhanced nest success. Delta is requesting the support from the Outdoor Heritage Fund to install 600 Hen Houses over the next three years.

### **Project Duration**

#### **Project Duration\*:**

The outcomes associated with this project will occur over the next three years with the full benefit of enhanced duck production occurring for a minimum of ten years.

## Narrative

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### **Narrative**

Briefly summarize your organization's history, mission, current programs and activities. Include an overview of your organizational structure, including board, staff and volunteer involvement.

#### **Organization Information\*:**

Delta Waterfowl is North America's oldest waterfowl conservation organization tracing its origin to 1911. For the bulk of Delta's history, the organization dedicated its resources to research on waterfowl and their habitat. In the last 20 years, the organization has expanded its focus to include the delivery of proven duck production techniques, developing new and innovative approaches to habitat conservation and ensuring a bright future for waterfowl hunting through hunter recruitment activities.

Delta's U.S. office is located in Bismarck, where the organization's programs and operations have been managed since the mid 1990's. The organization is governed by a volunteer Board from across the United States and Canada.

**Describe the proposed project identifying how the project will meet the specific directive(s) of the Outdoor Heritage Fund Program.**

Identify project goals, strategies and benefits and your timetable for implementation. Include information about the need for the project and whether there is urgency for funding. Indicate if this is a new project or if it is replacing funding that is no longer available to your organization. Identify any innovative features or processes of your project.

Note: if your proposal provides funding to an individual, the names of the recipients must be reported to the Industrial Commission/Outdoor Heritage Fund. These names will be disclosed upon request.

If your project involves an extenuating circumstance to exempted activities please explain.

**Purpose of Grant\*:**

The purpose of the grant is to increase mallard nest success and consequently duck production through the use of Hen Houses, an artificial nest structure which has documented to be an efficient means of increasing production. Upland nesting ducks face significant predation pressure with many areas seeing nest success of 10% or less. The overwhelming majority of these losses are attributed to predators. These rates of losses means that duck production is far less than desired.

The waterfowl management community has well understood that nest success is the primary vital rate impacting annual population changes. It was the understanding of declining nest success and the desire to mitigate those declining rates that led Delta to investigate Hen Houses in the early 1990's.

The Hen House is a cylinder nesting structure, constructed from rolled straw, that is placed on a post within wetlands. This placement, above the water level means that primary nest predators (e.g. raccoons, skunks, fox) can not access the nest and allow for high nest success.

The proposal will provide funding for the construction and installation of 600 new Hen Houses over the next three years (200/year). Delta will secure matching dollars to provide for the maintenance of the structures for nine additional years. This ensures that the Outdoor Heritage Fund's investment is leveraged to provide for the sustained duck production benefit for a minimum of ten years.

**Please list the counties that would be impacted by this project:**

**Counties\*:** Statewide

**Is This Project Part of a Comprehensive Conservation Plan?\*** No

**If Yes, Please Provide Copy of Plan:**

**Does Your Project Involve an Extenuating Circumstance?\*** No

**Please Explain:**

Provide a description of how you will manage and oversee the project to ensure it is carried out on schedule and in a manner that best ensures its objectives will be met. Include a brief background and work experience for those managing the project.

**Management of Project\*:**

Delta Waterfowl has extensive experience in the delivery of Hen Houses in North Dakota. It was Delta research that demonstrated the effectiveness of Hen Houses to significantly enhance mallard production and additional research has aided in the effective delivery of the tool. We are currently managing an inventory of more than 430 Hen Houses in North Dakota which demonstrates our ability to attend to the program's needs. Program staff will select target landscapes based on known mallard densities and modeled low nest success to ensure that the duck production outcomes are optimized for the OHF investment.

Delta will work with contractors to manufacture and install Hen Houses as we have learned that this is the most efficient manner to accomplish this work. Delta currently has a network of contractors to accomplish this work and the capacity is sufficient to accommodate the program growth planned for under this proposal.

Indicate how the project will be funded or sustained in future years. Include information on the sustainability of this project after OHF funds have been expended and whether the sustainability will be in the form of ongoing management or additional funding from a different source.

**Sustainability\*:**

Outdoor Heritage Fund resources will provide for the materials, construction and installation of Hen Houses while other sources of funds will provide for the ongoing annual maintenance of Hen Houses for a period of ten years. This will ensure the program will continue to provide substantial duck production benefits for long beyond the investment of Fund resources.

Indicate how the project will be affected if less funding is available than that requested.

**Partial Funding\*:**

If a reduction in funding occurs the outcomes and match dollars will be reduced proportionally.

If you are a successful recipient of Outdoor Heritage Fund dollars, how would you recognize the Outdoor Heritage Fund partnership? \* There must be signage at the location of the project acknowledging OHF funding when appropriate. If there are provisions in that contract that your organization is unable to meet, please indicate below what those provisions would be.

**Partnership Recognition\*:**

Delta has consistently communicated the impact of Outdoor Heritage Fund grants secured previously through a variety of mediums (press releases, magazine articles, social media, video). While signage is impractical on each structure or on private lands where the Hen Houses will be installed, Delta will ensure grant funding, and its impact on the program are well communicated in North Dakota and beyond.

Do you have any supporting documents, such as maps or letters of support that you would like to provide? If so, please provide them in a single file.

**Supporting Documents\*:** No

**If Yes, Please Provide Copies in a Single File:**

Awarding of Grants - Review the appropriate sample contract for your organization. Sample Contract

**Can You Meet All the Provisions of the Sample Contract?\*** Yes

If there are provisions in that contract that your organization is unable to meet, please indicate below what those provisions would be:

**Provisions Unable to Meet:**

## Tasks

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### Tasks

Task	Start Date	Completion Date
Contractor Identification	12/01/2020	08/01/2021
Installation	12/01/2020	03/01/2024
Site Identification	12/01/2020	08/01/2023

### Description of Tasks

#### Please Describe Tasks:

Upon signing grant agreements, Delta staff will commence with both site identification and contractor identification. It is estimated that the initial installation of 200 structures will occur in winter of 2021-22

## Deliverables

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### Deliverables

Deliverable	Quantity	Unit of Measurement, if applicable
First Annual Installation	200.000	Installed Hen Houses
Second Annual Installation	200.000	Installed Hen Houses
Third Annual Distribution	200.000	Installed Hen Houses

## Certification

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### Certification

**Certification:** Yes

**Name:** John Devney  
First Name Last Name

**Title:** Senior Vice President  
Title

**Date:** 09/01/2020

### Internal Application Number

#/ID:

## Industrial Commission Action

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### Industrial Commission Action

**Date of Commission meeting\*:**



**Did the Commission approve  
funding?\***

**If Yes, what is the approved  
funding level?:**

**Are there any contingencies?\***

**If Yes, what are the  
contingencies?:**

**Minutes:**