

Contract No. 001-001
 “LSC 20,000 Trees by 2020”
 Submitted by Ludden Sportsmen Club
 Principal Investigator: Bill Schmitz
 Directives: C, A, B & D

PARTICIPANTS

Sponsor	Cost Share	
Ludden Sportsmen Club	\$ 10,000	
Unknown	\$ 80,000	
North Dakota Game & Fish Department (pending)	<u>\$ 3,000</u>	
Subtotal Cash Cost Share		\$93,000
Ludden Sportsmen Club	<u>\$ 38,000</u> (in-kind)	
Subtotal In-kind Cost Share		\$38,000
North Dakota Industrial Commission	<u>\$ 50,000</u>	
Total Project Cost		\$181,000

Project Schedule – 72 months
 Contract Date – 3/24/14
 Start Date – 3/24/2014
 Completion Date – 9/1/2020

Project Deliverables:
 Status Report: September 1, 2014 ✓
 Status Report: September 1, 2015 ✓
 Status Report: September 1, 2016 ✓
 Status Report: September 1, 2017 ✓
 Status Report: September 1, 2018 ✓
 Status Report: September 1, 2019 ✓
 Status Report: September 1, 2020* ✓
 Status Report: September 1, 2021* ✓
 Final Report: September 1, 2022*

*Denotes change from original contract.

OBJECTIVE/STATEMENT OF WORK:

The goal of this project is to restore habitat for upland game, waterfowl and deer on approximately 1420 acres of private land and have it open to public use in Dickey and Sargent Counties.

Tasks for the project include planting and maintaining 20,000 new live trees growing on 4 parcels of ground by 2020. Food plots for wildlife will also be planted and maintained within the protection of the trees.

STATUS:

The applicant originally requested \$130,000. Award was for \$50,000. Project changes as a result of partial funding were none. The Club responded to the reduced funding by stating that they would work to find additional funding so the entire project could be completed as submitted

Contract 001-001 - Executed

6/17/2014 - E-mail received stating first planting of 2,057 trees was done on May 1st on Project Rifle Range (4.82 acres - 19 rows by 700 ft.) This is no tilled (no plastic barrier) due to highly erodible and will be mowed and watered and will look at fencing if wildlife becomes an issue.

12/15/2014 - Status Report received. The Report states: Our first tree planting project was planted on May 1, 2014 of 2,057 trees on the Rifle Range Project; these were planted directly into sod due to the highly erodible soil of this planting. (A listing of the tree varieties planted is attached to this status report.) The planting went well and good rains that made it unnecessary to water, also we deferred not to mow the trees due to moisture being available and we had a greater concern with the deer grazing off trees this winter. We reviewed the trees in September and had a very good catch, actually could not find a single dead tree. We will determine next year on the weather to decide on mowing. We will also inspect for dead trees and replant in spring of 2015.

We also did ground prep on Ludden Project on NE1/4-12-129-60, this project will consist of 12 acres (5800) of new shrubs/trees with additional 10 acres of food plot. These trees will be planted in spring of 2015 and will plan on using barrier and mowed between.

All parcels will be signed into a new PLOTS contract for 2 years with the NDGF leaving them open to hunting.

Status Report dated 8/25/2015 received on 9/15/2015 for the time period of 9/01/2014 through 8/25/2015. It states the following:

We planted 4,338 trees on the Ludden Youth Site on NE/4 of 12-129-60 on April 26th, 27th and 28th of 2015. Shortly after that we received over 7 inches of rain in 3 days on May 10th in which we ended up losing about 1/3rd of the new trees. There is an attached image from a drone plane that caught the north side of planting and showing where we got plastic on live trees and where the trees were lost. Due to the extreme wet and the timing of the available Dickey Soil Conservation Service in getting plastic down not till first of July, we had a lot of extra dollars and time from our Club members to prepare for plastic. The surviving trees look good now and a lot of the trees are coming out tubes that were installed. We will have to decide on this area if we should replant or leave it as additional food plots. This quarter of land we withheld from PLOTS and have designated as youth hunting only and have that signed accordingly.

Update on 2014 project planting of the Rifle Range, this spring it was decided not to fill in missing trees that did not make it till next year due to we felt we had over 90% survival rate and some trees we were not certain if they would survive. Recent inspection of these trees showed us that we lost more due to no moisture at all from 2nd half of June till mid-August. We will plan on doing a fall inspection and count and plant hand plants where they are missing next spring on probably both plantings. This will probably be the extent of planting done in 2016 due to the high water table on next planting and would prefer to wait until a planned drainage project takes effect.

8-16-2016 Status Report received 9/11/2017. The report states in part:

For 2016 we mainly planted replants on the Ludden Youth Hunting Quarter and mowed. These trees were planted in 2015 and these 400 replants were what were needed to have the entire original 4,338 trees living.

9-1-2017 Status Report received 9/11/2017. The report states in part:

For 2017 we planted 500 replants on the Rifle Range that was the 1st tree planting done in 2014 of 2,057 trees. These were planted in good moisture in early May, but received very little rain until end of July and the replants do not look very good as of now, but we will wait until next year to determine if needed to be redone.

Also, we planted into the sod along a grass ravine of newly purchased ground of 1,120 trees. The Cedars and Juniper were planted on the higher ground and the Willows and Dogwoods planted next to the low area. (A copy of a map is posted on the OHF website along with pictures of the plantings.)

February 2021

A request for a no-cost extension has been received. Planting was not able to be completed on our main parcel and only hand planted 400 trees as replants in 2018 due to wet ground and high-water table. 2019 was too wet also. 2020 we redirected some water off this half section, this did dry our ground to plant but by this time and of course due to Co-Vid we could not plant. Now we have the ground ready to plant a large amount of the trees. The request for an extension has been granted.

October 2021

Drainage was completed, along with a controlled burn to enable planting. There were 4,700 trees planted this spring.

Updated 10/28/2021