

MakeMyTrip Foundation



PROGRESS REPORT Jan-Mar'19



Project Progress Brief

Pilot Plantation:

The preparations for the first Plantation planned for last week of April'19 are in full swing.

To prepare & store the saplings in the harsh winter months, we have created 3 small green houses which are being used for storage. Since the fabrication of greenhouses was not possible due to road closure, we have improvised and built them with bamboo sticks.

We started seed collection of the native plants from December onwards and the greenhouses were used to sow these seeds and grow saplings. Farm yard manure & Jeewamrit was also used for improving the soil quality for so that the saplings can grow well and are ready by April.

We have collected and stored multiple type of mulching material. Mulch helps the forest retain moisture and also creates bio-mass which is further helpful for the forest to grow in a healthy manner.

With all this, we would be ready with saplings of ~8-10 species for the actual plantation starting 22nd April, 2019.

Challenges:

This year, Ladakh faced its most severe winters of the last decade. While this holds well for the plantation since the heavy snowfall will increase water availability and moisture content in the ground, the planned work for the is delayed and is being completed in April.

For Nursery building, we used temporary improvised solutions which resulted in lower cost. We will be building a permanent nursery in the coming quarter.

In 'Material - Consumables', we are able to procure Mulch for almost free of cost from multiple places (only transport & labour costs).

Due to these reasons, the grant usage is low for January-March quarter but this will be completed in the coming quarter. We are well on track for the work scheduled in April-June quarter.

Financial Update till Mar 2019

Cost head:

Cost head	Total
Facility-Movable	16850
Material- Consumables	16814
Material-Tools and Equipment	830
One Time Procurement- Facilities	8286
Permanent Staff	193500
Total	236280

Activity:

Activity	Budgeted	Utilized	Variance	Comment
Nursery Infra Building	1,00,000	10,086	90%	Improvised locally since fabrication was not possible in March due to long winters
Borewell installation	5,00,000	-	100%	Will happen in April/May
Seeds/Plants collection	1,10,000	-	100%	We were able to collect some seeds/plants from govt agencies for free. We are collecting more in April from multiple sources, the costs for which will be shared in the next report
Consumables collection	1,48,800	32,694	78%	Collection delayed due to winters, we are finishing the collection for the April plantation in the first 3 weeks of April
Power tiller procurement	50,000	-	100%	Not needed since we procured it from another grant
Staff costs	2,40,000	1,93,500	19%	The team is still being resourced
Total	11,48,800	2,36,280	79%	

Saplings collection update:

Plant		No. of saplings	Location
Common name	Botanical name		
Shangsho	Lepidium latofolium	344	HIAL Campus
Snyiu	Chenopodiumsp.	37	HIAL Campus
		30	SECMOL
Juniper, Shukpa	Juniperus Excelsa Polycarpos	500	HIAL Campus
Wild Rose, Siah	Rosa Webbiana	500	HIAL Campus
Sea buckthorn, Tsermang	Hippophae rhamnoides	455	HIAL Campus
		1000+	DIHAR
Total		2866	

Plan for the next quarter:

The following activities are planned for April-June quarter.

- Pilot plantation – April 22nd to April 28th
- Nursery building – April to June
- Borewell – May 1st to May 15th

The Nursery will be used to grow saplings for the next year's plantation which is going to happen at a much bigger scale. Throughout the rest of the year, we will be creating a bank of saplings & seeds which will be utilized for the future plantation.

Along with this, we will also be working on a few more greening projects in the next quarter:

1. University boundary – We will be utilizing sea buckthorn plant for fencing the University land. Sea buckthorn, due to thorns, forms a strong fence which can keep wild animals out of the university land. It also improves soil conditions, thus helping other plants come up in the vicinity.
2. Apple orchard – We will grow an apple orchard using drip irrigation.

We have an Agricultural Research scholar joining our team in April, who will work on improving the Forestation technique basis the Pilot plantation and also on researching various methods of propagating the native species of Ladakh.

With all this, we intend on having a robust platform to make this forestation project a big success.

Pictures of the Greenhouses/saplings storage

Multiple greenhouses constructed on site





Juniper Saplings (We have procured them from HFRI, Shimla)

Juniper is a native tree from Ladakh but is now found very sporadically. The trees have been cut for wood, for religious purposes and destroyed due to flash floods. We are planning to grow a big Juniper forest on the University land to start a restoration process for Junipers in Ladakh.





Nursery design

