

# **FIREFIGHTING EQUIPMENT AND TRAINING SUPPORT TO DISTRICT FOREST OFFICES**

## **WORK COMPLETION REPORT**



*Submitted to:*

**Multi Stakeholder Forestry Programme (MSFP)**

Ekantakuna, Lalitpur, Nepal

*Submitted by:*

**Nepal Forest Fire Management Chapter (NFMC)**

Afaldole, Lalitpur, Nepal

<http://www.nffmc.org>

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**Kathmandu – May 2013**

# Firefighting Equipment and Training Support to District Forest Offices

## 1. Introduction

Forest fire is emerging as a big problem in Nepal making vulnerable to lives, livelihoods, and biodiversity. The fire is emerging as one of the major challenges threatening sustainable management of forest, destroying of species of both flora and fauna in Nepal. This has direct implication in live and livelihoods of local people who are dependent on forest resources for their livelihoods. District forest offices and other concerned stakeholders at local level lack fire fighting tools and equipments. Therefore, an immediate response is needed to provide Firefighting Equipment and Training Support to District Forest Offices to control on-going fire situation in different part of the country.

An agreement has been signed between the Multi Stakeholder Forestry Programmed (MSFP), Lalitpur and Nepal Forest Fire Management Chapter (NFMC), Lalitpur in 3 May 2012 to provide 10 Sets of fire-fighting tools/ equipments and provide orientation training to DFO professional each in **Kapilvastu, Dang and Dailekh** districts to strengthen DFOs to response the forest fires as a model works in the MSFP project area and other vulnerable districts.

## 2. Objectives

The main objective of this emergency assistance is to equip District Forest Offices with fire fighting tools and equipment which enable them to mobilise the local resources with equipment for controlling forest fire.

The scope and approach of the work are:

- Prepare the fire fighting tools and equipment
- Orient DFO staffs about the use of these tools and equipment

The expected deliverables are:

- Three district forest offices are equipped with firefighting tools and equipment
- Lesser the incidence of forest fire in the supported districts
- DFO staffs oriented with the use of firefighting tolls and equipment

## 3. Program Implementation and outputs

The programme (implementation plan is given in **Table 1**) was implemented as follows:

1. Provided a set of fire fighting tools and equipments (**Table 2**) to three district forest Offices (Kapilvastu, Dang and Dailekh)
2. Provided orientation training to DFO Staffs/ local community about use of those tools/ equipments effectively.

### **Box 1: An overview of the Programme**

Course Coordinator: Mr. S. H. Sharma

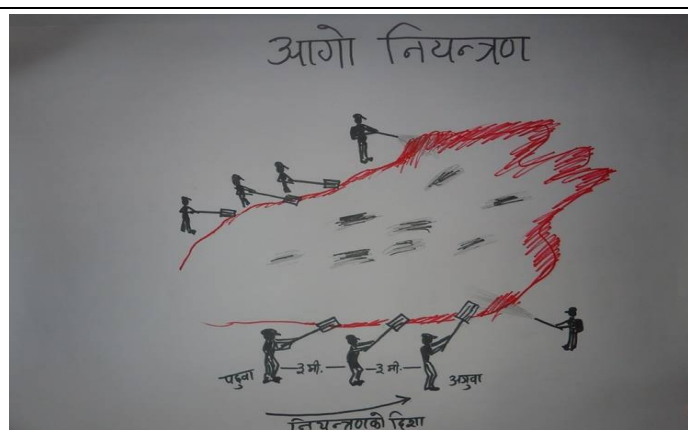
Resource Persons: Mr. Gagan Sharma  
Mr. Buddhi Paudel

Tools and equipment were arranged (manufactured/ purchased) locally except backpack pumps (water bag) which is being imported from Spain and reaching to Nepal in 20 May 2013 (expected).

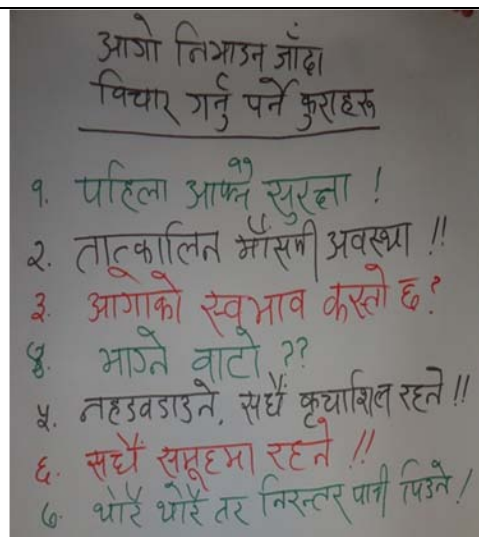
The training course, *inter alia*, took into account of safety and ergonomic aspects in fire management, including uses of appropriate fire fighting tools and safety gears (**Fig. 1 and 2**).

Major topics covered in the orientation training to use fire fighting tools/equipments are as follows:

- Fire situation assessment
- Fire prevention and suppression
- Fire behaviour and prescribed burning
- Fire safety and welfare
- Proper use of fire fighting tools and equipments



**Fig 1.** Fire fighting strategy



**Fig 2.** Safety measures for fire fighting

The programme was carefully planned and successfully completed as follows:

**Table 1:** Places and dates

S.N.	Place	Date
1	DFO, Dang	17 May 2013
2	DFO, Kapilvastu	18 May 2013
3	DFO, Dailekh	20 May 2013

Tools/ equipments handover note are attached with.

**Table 2: List of Tools provided to the DFOs**

S.N.	Item	No.	Districts	Total	Remarks
<b>A</b>	<b>Tools/equipments</b>				
1	Swatter	10	3	30	
2	Shovel	5	3	15	
3	Rake	5	3	15	
4	Rake-hoe	5	3	15	
5	Axe-hoe	2	3	6	
6	First-Aid Kit	1	3	3	
7	Jump-suit	10	3	30	
8	Gloves	10	3	30	
9	Helmet	10	3	30	
10	Boot	10	3	30	
11	Torch	10	3	30	
12	Socks	10	3	30	
13	Water Bottle	10	3	30	
14	Face Mask	10	3	30	
15	Water Bag (Back Pack Pump)	2	3	6	To be sent to concerned districts as soon as it arrives to Nepal (expected 20 May 2013)

## Fire Fighting Tools Handover Note and Acknowledgement

**Place:** District Forest Office, Dang

**Purpose:** Preparedness for Forest Fire Disaster

**List:**

S.N.	Item	No.	Remarks
<b>A</b>	<b>Tools/equipments</b>		
1	Swatter	10	
2	Shovel	5	
3	Rake	5	
4	Rake-hoe	5	
5	Axe-hoe	2	
6	First-Aid Kit	1	
7	Jump-suit	10	
8	Gloves	10	
9	Helmet	10	
10	Boot	10	
11	Torch	10	
12	Socks	10	
13	Water Bottle	10	
14	Face Mask	10	
15	Water Bag (Back Pack Pump)	2	To be sent within two weeks

**Received By:** Signature:  
Name: Damodar Baidhya  
Designation: Account Officer

**Handed over by:** Multi Stakeholder Forestry Programme (MSFP)

**Arranged by:** Nepal Forest Fire Management Chapter (NFMC), Lalitpur, Nepal

**Date and Place:** 17 May 2013

## Fire Fighting Tools Handover Note and Acknowledgement

**Place:** District Forest Office, Kapilvastu

**Purpose:** Preparedness for Forest Fire Disaster

**List:**

S.N.	Item	No.	Remarks
<b>A</b>	<b>Tools/equipments</b>		
1	Swatter	10	
2	Shovel	5	
3	Rake	5	
4	Rake-hoe	5	
5	Axe-hoe	2	
6	First-Aid Kit	1	
7	Jump-suit	10	
8	Gloves	10	
9	Helmet	10	
10	Boot	10	
11	Torch	10	
12	Socks	10	
13	Water Bottle	10	
14	Face Mask	10	
15	Water Bag (Back Pack Pump)	2	To be sent within two weeks

**Received By:** Signature:  
Name: Devi P. Koirala  
Designation: Assistant Forest Officer

**Handed over by:** Multi Stakeholder Forestry Programme (MSFP)

**Arranged by:** Nepal Forest Fire Management Chapter (NFMC), Lalitpur, Nepal

**Date and Place:** 18 May 2013

## Fire Fighting Tools Handover Note and Acknowledgement

**Place:** District Forest Office, Dailekh

**Purpose:** Preparedness for Forest Fire Disaster

**List:**

S.N.	Item	No.	Remarks
<b>A</b>	<b>Tools/equipments</b>		
1	Swatter	10	
2	Shovel	5	
3	Rake	5	
4	Rake-hoe	5	
5	Axe-hoe	2	
6	First-Aid Kit	1	
7	Jump-suit	10	
8	Gloves	10	
9	Helmet	10	
10	Boot	10	
11	Torch	10	
12	Socks	10	
13	Water Bottle	10	
14	Face Mask	10	
15	Water Bag (Back Pack Pump)	2	To be sent within two weeks

**Received By:** Signature:  
Name: Savitri Khanal  
Designation: Ranger

**Handed over by:** Multi Stakeholder Forestry Programme (MSFP)

**Arranged by:** Nepal Forest Fire Management Chapter (NFMC), Lalitpur, Nepal

**Date and Place:** 20 May 2013



## Photo Impressions

