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## Appendix 2.A. CVM questionnaire

Suppose that your “got” development committee (GDC) proposes that the “got” need to establish new community forest plantation (“got” Woodlot) on the “got” communal grazing land. Also suppose that this plan is endorsed by the “Kebele” administration and district office of agriculture.

The community forest plantation offers you the following benefits:

You get fuel wood and it reduces your household time required to collect fuel wood from distant woodlands and/or other forests. The time saved can be used for agricultural activities, marketing or social activities. Moreover, it allows you to use crop-residue and animal dung for your farm soil management instead of using them for fuel. In addition, it provides animal feed (fodder) particularly during dry season when fodder from communal woodland is hardly available. You can also use leaves of the plantation for medicinal purposes. When harvesting age of the plantation reaches, you can share timber products of the plantation for construction material and agricultural implement. You can either use these products for yourself or sell them to generate cash income depending on your need. But, note that the communal grazing land used for the forest plantation is not going to be used for grazing any longer like it is being used now for the long years to come.

The proposed woodlot has the following characteristics:

species mix: Eucalyptus

harvest quota: 30 meter cube

type of place: x grazing land

Also note that the government doesn't have enough funds to finance the project and the establishment can be possible only if the "got" community contribute money for the establishment and management costs of the forestry..

The contribution is required from the community for:

establishing community nursery or purchasing seedlings

site preparation; clearing the site, digging hole and fencing

employing guards to protect against theft

It is also important to note that the control and the management of the money contributed are entrusted to the development committee and the committee cannot divert this fund to any other purpose by law. Note that the money will be collected by the committee after main crop harvest during each year.

The contribution is paid from each community member household annually for the five consecutive years.

When we talk to other people in your village, we have found people who vote for the project and those who vote against it. Both of them have good reasons to vote that way.

Those who vote for the project say that;

-Having increased forest products is worth a cost

-They are tired of walking over long distance to fetch fire wood and other forest products

-They want to reduce their farm fertility loss by applying more manure(dung) and crop residue instead of using them for fuel

- They need supplement feed source for their cattle particularly during dry season

-Timber products for construction and farm implements are getting ever scarce

Those who vote against the project say that;

-Community forest plantation reduces grazing areas of their animals

- They would rather save money and spend on other things

-They own private woodlots and alternative community forest

-They cannot afford time to attend series of meetings to take care of the community forest plantation.

We would now like you to weigh the benefits and cost associated with the woodlot establishment described above and answers the following questions:

1. Before I go on, do you have any questions about the plan to establish a community forest plantation?

Yes.....1,

No... .....2(go to 2)

1.1 What would you like to know?

*If the respondent asks about costs, tick here and say: “ we will come to that in a moment.”*

2. Do you want to contribute for the community forest?

Yes.....1, No.....2

2.1 If no why? Use code A

3. As we said earlier the cost required for the establishment of the plantation is not known in advance. However, if you are a decision maker in your household and asked to contribute Birr \_\_\_\_\_ annually for five consecutive years, would your household be willing to contribute the money?

1. Yes → Go to 4

2. No → Go to 5

4. What if you are asked instead Birr \_\_\_\_\_ annually for five consecutive years, would your household be willing to contribute the money?

1. Yes      2. No

5. What if you are asked instead Birr \_\_\_\_\_ annually for five consecutive years, would your household be willing to contribute the money?

6. What would be the maximum annual premium that your household would be willing to pay? \_\_\_\_\_ Birr









6.1 To enumerators: *probe if the answer is yes to 4 or 5 and the maximum willingness to pay in 6 is less than the amount he agreed to pay in 4 or 5 as follows;*

Why is it that the maximum annual premium that your household would be willing to pay is less than the amount you initially agreed to contribute? Use code B

### Appendix 3.A. Attributes and Levels Used in the Choice Experiment

Attribute	Description	Levels
Cost	The total cost for the individual if the alternative was chosen	Br/year 0, 30, 48, 62
Forest type	The forest program can have single tree species, multipurpose species, a mix of both or a combination of herbaceous and wood species	eucalyptus only, multipurpose tree only, mix of eucalyptus and multipurpose tree, area enclosure
Type of place	Describes the quality(degraded or not) of a place where the community plantation is to be planted	Waste land(communal), productive communal grazing land
Harvesting quota	The amount of wood biomass that a household would be allowed to harvest per year from the community forest	0, 15load/year, 30load/year

### Appendix 3. B. Example Choice Set

Forest Attributes:	Alternative 1 (Current state)	Alternative 2	Alternative 3
Forest type	Same as today	 Area closure	 Multi-purpose forest
Harvest Quota	Same as today	 15 load	 30 load
Type of Place	Same as today	 Degraded land	 Grazing land
Total cost per household	Zero	 Birr 30	 Birr 30
Indicate the option you prefer most (Tick one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>