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## NAMPOWER'S BIOMASS ADHOC FUEL SUPPLY STRATEGY

Before you complete the survey, kindly read the instructions below.

The objective of this survey is to gather key information required to find out about your views and experiences as a harvester/ farmer in Namibia. The information supplied will inform the NamPower Biomass Adhoc (Small-scale) Fuel Supply Strategy which will assist the development of the NamPower 40MW Otjikoto Biomass Power Station.

This survey consists of four sections across 6 pages and should take no longer than 15~20 minutes to complete.

Most questions require “tick box” responses. Please read each question and carefully tick the box which comes closest to your view, preference, or experience. Some questions may include an “other” option where a customised answer may be provided. Should you feel none of the options apply or you are prompted to provide more information, kindly provide your detailed answer in the space provided. Please note that there is a separate and dedicated section at the end of the questionnaire for any additional comments, remarks, or notes.

Please answer all questions. Some questions may not apply to you or your situation, or require additional responses, the question should guide you in this regard.

Please be assured that your responses will remain confidential and that no personal details or individual responses will be disclosed to other parties.

Should you require any assistance or clarification, please send an email to [biomass@nampower.com.na](mailto:biomass@nampower.com.na) with the subject line: “**ADHOC FUEL SUPPLY SURVEY**”.

The survey may be completed in either soft or hard copy. The native format will be downloadable from the NamPower website and the preferred option, to electronically complete the responses, is available at <http://www.nampower.com.na/biomassmarketsounding.aspx>.

Alternatively, please use the [biomass@nampower.com.na](mailto:biomass@nampower.com.na) email address to submit any responses or return a hardcopy, clearly marked “**Adhoc Fuel Supply Survey**” to the NamPower Head Office, 15 Luther Street, Windhoek, by 07 November 2023.

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## SECTION 1: PERSONAL DETAILS

<b>Name of Farmer/ Landowner:</b>	
<b>Name of Contact Person on the Farm:</b>	
<b>Contact Person Cell Phone/ Contact Number:</b>	
<b>Contact Person Email (optional):</b>	
<b>Farm name:</b>	
<b>GPS Coordinates:</b>	
<b>Name of nearest Municipal Town:</b>	
<b>Size of Farm (ha):</b>	
<b>Describe your Farming Activities:</b>	
<b>What is your general opinion of the NamPower ad hoc fuel supply strategy as presented today or in the project fact sheet:</b>	

## SECTION 2: CURRENT HARVESTING ACTIVITIES

### Q1 Please indicate your interest in this survey:

- ☐ Commercial Farmer with leasehold or title deed
- ☐ Communal farmer/ Resettlement Farmer
- ☐ Interested Person without a Farm

### Q2 What is the main purpose of the harvesting/bush thinning activities you are involved with?

- ☐ Charcoal production ☐ To clear for crops or other plantations
- ☐ Bush thinning for rangeland restoration ☐ Periodic harvesting for firewood or bush-feeds
- ☐ Wood chip supply contract
- ☐ Other, please write in the block below:

**For any of the existing harvesting activities, what are the current annual volumes of harvest in metric tonnes?**

- ☐ 0 ~ 1200 tonnes (100 ha/a) ☐ 1201 ~ 2500 tonnes (200 ha/a)
- ☐ Other, please specify in the block below:

### Q3 What happens to the felled (harvested) bush / (what is the bush used for)?

- ☐ Left in infield ☐ Selling the harvested resource ☐ Burning the wood/bush/logs
- ☐ Other, please specify in the block below:

### Q4 What is your current method of harvesting bush?

- ☐ Manual labour (includes handheld chain saws or pangas etc.)
- ☐ Mechanized Machinery
- ☐ Shearing
- ☐ Other, please specify in the block below:

### Q5 How are you currently handling the transportation of the biomass products from your farm to the end user/client?

- ☐ Make use of your transport vehicles
- ☐ The client is responsible for transport from the farm gate
- ☐ Outsource transport to separate logistic companies. Others, Specify below:

## SECTION 3: FEASIBILITY QUESTIONS

Q6

**Will you be able to get funding from our local banks to finance your operations?  
If not, do you need financing, and what challenges have you experienced in this regard?**

Q7

**How much does it cost to transport your charcoal or woodchips or wood? (N\$/km)**

☐ Charcoal

☐ Other, please specify in the block below:

Q8

**What are your realistic targets on returns (Return on Investment) for a wood log harvesting supply?**

☐ ROI of 5 ~ 10%

☐ ROI of 10 ~ 15%

☐ ROI more than 15%

☐ Other, please specify in the block below:

Q9

**Based on your current equipment what strategy would you follow to participate in the fuel supply?**

☐ Use your current harvesting equipment

☐ Buy new equipment/ machinery

☐ Buy the minimum equipment and lease other(s)

☐ Lease all equipment

Q10

**Please indicate your preferred volume (in tons) per month of supply of wood logs to NamPower?**

Q11

**Please indicate your minimum price per ton (N\$/ton) to produce wood logs?**

## SECTION 3: FEASIBILITY QUESTIONS

Q12

Please indicate the transport cost associated with your preferred volumetric supply of logs (per kilometre).

Q13

Would you prefer to deliver the wood logs to the power station or prefer NamPower to collect them at your farm gate?

Q14

If awarded a contract to supply wood logs from NamPower which option, would you follow:

- ☐ Only conduct the wood logs business and stop other activities such as charcoal or firewood.
- ☐ Continue with my existing biomass activities and use the wood logs business as an additional revenue stream.

Q15

Is your farm FSC-certified? If not, are you willing to sign up for a NamPower FSC Group Scheme to implement FSC principles?

- ☐ No ☐ Yes

Q16

Please indicate which option of Aftercare you prefer after harvesting.

- ☐ Application of Arboricides
- ☐ Browsers such as goats and cattle
- ☐ Fire
- ☐ Manual uprooting

Please note that this section is provided to allow any additional comments, remarks and notes from the participant and may be completed in freeform.

#### SECTION 4: ADDITIONAL COMMENTS, REMARKS AND NOTES

**Thank you for your valuable feedback.**