

## Terms of Reference

### Consultancy: Machine Operations & Maintenance

Conservation International Suriname (CI Suriname) is looking for a consultant for a **Machine Operations and Maintenance Training in Alalapadu** to execute project activities for a period of 6 weeks.

The objective of this consultancy is to provide approximately 15 people of Stichting Tuhka and the Brazil nut facility workers with training in machine operations and maintenance and train at least 5 people in maintenance and repair of other equipment such as outboard motor, chain saw and cassava mill. These trainings should result in acquired knowledge about the technical aspects of the machines in the facility, ability to repair and perform regular maintenance which finally result in efficient and effective operating equipment and contribute to a sustainable production process and use of other equipment.

#### Timeline & Deliverables

#	Activity	Deliverables/reports	Due dates
1	Submit Workplan	Workplan containing: a) Review of all the (written and not written) processes and procedures about the machines in the Tuhka Facility (Solar Drying, Solar Panels System, Mechanical Extraction by Hydraulic Press and Semi-Automatic Hydraulic Press, Industrial Food Shredder, Manual Peelers, Roasted Nut Oven) and other equipment (Outboard Motor, Chainsaw, Cassava Mill) b) A training plan/program with clearly defined objectives and day to day activities	July 12, 2021
2	Prepare and conduct field activities in Alalapadu	Draft training manuals in Machine Operations and Maintenance	July 26, 2021
3	Draft final report	Submit final report and final training manuals	August 09, 2021

#### Requirements

Applicant should meet the following requirements:

- An experienced Mechanical Engineer
- A minimum of five (5) years' experience in maintenance and machine operations
- Experience in training local communities, especially community development enterprises in Suriname
- Dutch and English proficiency, both in speaking and writing
- Excellent knowledge of Sranan Tongo

#### Selection Criteria

- Overall quality of CV and Cover Letter – 3 pts
- Education Requirement - 3 pts
- Work Experience Requirement- 3 pts
- Experience in mechanical processes and equipment repair including the ability to effectively convey complex details or technical information - 3 pts
- Experience with similar projects- 3 pts
- Understanding of the challenges and cultural background of Indigenous communities - 3 pts
- English and Dutch proficiency, both in speaking and writing - 3 pts
- Highly familiar employing cultural awareness and sensitivity - 3 pts
- Comprehensive technical proposal on how to conduct training in machine operations and maintenance - 3 pts
- Budget – 3 pts

#### Interested?

Applications should be sent, in English, to [ci-suriname@conservation.org](mailto:ci-suriname@conservation.org) on or before 9 June 2021 by 4 PM. Please specify "Machine Operations and Maintenance Training consultant + Your Name" in the subject line. Applications should include:

- (i) A resume of the applicant providing detailed information on the criteria listed in the "selection criteria" section of the ToR;
- (ii) A minimum of five (5) years' experience in machine operations and maintenance;
- (iii) Provide two studies or reports for similar work performed by the consultant in the past;

Questions and clarifications regarding the consultancy may be addressed no later than 26 May 2021 to the Technical Manager; Ms. Eryn Power by e-mail: [epower@conservation.org](mailto:epower@conservation.org).