



## REQUEST FOR QUOTATION (RFQ) (Rehabilitation and Construction)

NAME & ADDRESS OF FIRM	DATE: March 12, 2020
	REFERENCE: RFQ003TLS2020- Integrated West Management Facility

Dear Sir / Madam:

We kindly request you to submit your quotation for **“Rehabilitation of Integrated West Management Facility at REDE Hasatil, Suco Motael”**, as detailed in Annex 1 of this RFQ. When preparing your quotation, please be guided by the form attached hereto as Annex 2.

Quotations may be submitted on or before **March 19, 2020, 5:30 pm Timor-Leste time** and via (choose appropriate box) ☒ *e-mail*, ☒ *courier mail* or ☐ *facsimile* to the address below:

**United Nations Development Programme**  
UN House, Caicoli Street, P.O Box 558 Dili, Timor-Leste  
Attn: **Mr. Alvaro Noronha de Sousa**  
Submission by e-mail: [bids.tp@undp.org](mailto:bids.tp@undp.org)

Quotations submitted by email must be limited to a maximum of 4MB, virus-free and no more than 1 email transmissions. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

Please take note of the following requirements and conditions about the supply of the abovementioned good/s: *[check the condition that applies to this RFQ, delete the entire row if the condition does not apply to the goods being procured]*

Delivery Terms [INCOTERMS 2010] <i>(Pls. link this to price schedule)</i>	<input type="checkbox"/> FCA <input type="checkbox"/> CPT <input type="checkbox"/> CIP <input checked="" type="checkbox"/> DAP (direct at point) <input type="checkbox"/> Other <i>[pls. specify]</i>
Customs clearance <sup>1</sup> , if needed, shall be done by:	<input type="checkbox"/> UNDP <input checked="" type="checkbox"/> Supplier/Offeror <input type="checkbox"/> Freight Forwarder
Exact Address/es of Delivery Location/s (identify all, if multiple)	<b>REDE Hasetil, Suco Motael, Dili, Timor-Leste</b>
UNDP Preferred Freight Forwarder, if any <sup>2</sup>	N/A
Distribution of shipping documents <i>(if using freight forwarder)</i>	N/A
Latest Expected Delivery Date and Time <i>(if the delivery time exceeds this, the quote may be rejected by UNDP)</i>	<input checked="" type="checkbox"/> 90 days from the issuance of the Purchase Order (PO) <input checked="" type="checkbox"/> As per Delivery Schedule Time: 30 days counted from signed the Contract Time Zone of Reference: <i>[pls. indicate]</i>
Delivery Schedule	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required
Packing Requirements	N/A

<sup>1</sup> Must be linked to INCO Terms chosen.

<sup>2</sup> Depends on INCO Terms. The suggestion to use a UNDP preferred courier is only for purposes of familiarity with procedures and documentary requirements applicable to the UNDP when clearing with customs.

Mode of Transport	<input type="checkbox"/> AIR	<input checked="" type="checkbox"/> LAND
	<input type="checkbox"/> SEA	<input type="checkbox"/> OTHER [pls. specify]
Preferred Currency of Quotation <sup>3</sup>	<input checked="" type="checkbox"/> United States Dollars <input type="checkbox"/> Euro <input type="checkbox"/> Local Currency: [pls. specify]	

Value Added Tax on Price Quotation <sup>4</sup>	<input checked="" type="checkbox"/> Must be inclusive of VAT and other applicable indirect taxes <input type="checkbox"/> Must be exclusive of VAT and other applicable indirect taxes
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After-sales services required	<input checked="" type="checkbox"/> Warranty on Warranty details: Warranty period starts from the date of substantial completion of works. 10% of the total amount from the proposal will be paid upon completion of the 3month defect liability.
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Deadline for the Submission of Quotation	COB, <i>Friday, March 19, 2020, at 5:30 pm Timor-Leste time and UTC+9</i>
All documentation, including catalogs, instructions, and operating manuals, shall be in this language	<input checked="" type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Spanish <input type="checkbox"/> Others [pls. specify, including dialects, if needed]

based only on UN Operational Exchange Rate prevailing at the time of UNDP's issuance of Purchase Order. <sup>4</sup> This must be reconciled with the INCO Terms required by the RFQ. Furthermore, the VAT exemption status varies from one country to another. Pls. tick whatever is applicable to the UNDP CO/BU requiring the goods.

<sup>3</sup> Local vendors must comply with any applicable laws regarding doing business in other currencies. Conversion of currency into the UNDP preferred currency, if the offer is quoted differently from what is required, shall be



Documents to be submitted <sup>4</sup>	<input checked="" type="checkbox"/> Duly Accomplished Form as provided in Annex 2, and in accordance with the list of requirements in Annex 1; <input type="checkbox"/> A statement whether any import or export licenses are required in respect of the goods to be purchased including any restrictions on the country of origin, use/dual-use nature of goods or services, including and disposition to end-users; <input type="checkbox"/> Confirmation that licenses of this nature have been obtained in the past and an expectation of obtaining all the necessary licenses should the quotation be selected; <input type="checkbox"/> Quality Certificates (ISO, etc.); <input checked="" type="checkbox"/> Latest Business Registration Certificate; <input checked="" type="checkbox"/> Latest Internal Revenue Certificate / Tax Clearance. <input type="checkbox"/> Manufacturer's Authorization of the Company as a Sales Agent (if the Supplier is not the manufacturer); <input type="checkbox"/> Certificate of Exclusive Distributorship in the country (if applicable, and if Supplier is not the manufacturer); <input checked="" type="checkbox"/> Evidence/Certification of Environmental Sustainability ("Green" Standards) of the Company or the Product is supplied. <input checked="" type="checkbox"/> Complete documentation, information, and declaration of any goods classified or may be classified as "Dangerous Goods". <input type="checkbox"/> Patent Registration Certificates (if any of the technologies submitted in the quotation is patented by the Supplier); <input checked="" type="checkbox"/> Written Self-Declaration of not being included in the UN Security Council 1267/1989 list, UN Procurement Division List or another UN Ineligibility List; <input checked="" type="checkbox"/> Documentations for last 3 years of construction work experience <input checked="" type="checkbox"/> Proof of Company Bank Status <input checked="" type="checkbox"/> Proof of qualified technical personnel in the company related to this proposal with their CV's
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Period of Validity of Quotes starting the Submission Date	<input type="checkbox"/> 60 days <input checked="" type="checkbox"/> 90 days <input type="checkbox"/> 120 days  <p>In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.</p>
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<sup>4</sup> First 2 items in this list are mandatory for the supply of imported goods

Partial Quotes	<input checked="" type="checkbox"/> Not permitted <input type="checkbox"/> Permitted <i>[for each item in full quantity]</i>
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Payment Terms <sup>5</sup>	<input checked="" type="checkbox"/> 30% will be paid upon delivery the construction material/equipment to the location; 60% will be paid completion of the works, and 10% will be paid upon the 3-month defect liability period  <input type="checkbox"/> Others <i>[pls. specify]</i>
Liquidated Damages	<input type="checkbox"/> Will not be imposed <input checked="" type="checkbox"/> Will be imposed under the following conditions: <ul style="list-style-type: none"> <li>•Percentage of contract price per day of delay: 0.1% of the total contract amount.</li> <li>•Percentage of contract price per week of delay: 0.5% of the total contract amount.</li> <li>•Max. No. of days of delay from the date of Contract Completion: 20 Days.</li> </ul> <ul style="list-style-type: none"> <li>• Next course of action: Termination of the contract</li> </ul>
Evaluation Criteria	<input checked="" type="checkbox"/> Technical responsiveness: Technical Criteria: <ul style="list-style-type: none"> <li>(i) Minimum years of experience of the company in similar past work</li> <li>(ii) The minimum number of technical staff and their required qualification; please submit CV: <ol style="list-style-type: none"> <li>1. Civil Engineer: 1 (one) minimum of 2 years' experience</li> <li>2. Welder in building/construction: 2 (two) a minimum of 3 years' experience;</li> <li>3. Electrician: 1 (one) at least 3-years' experience</li> <li>4. Plumber: 1 (one) at least 3-year experience</li> </ol> </li> </ul>

<sup>5</sup> UNDP preference is not to pay advanced amount upon signing of contract. If vendor strictly requires advanced payment, it will be limited only up to 20% of the total price quoted. For any higher percentage, or advanced payment of \$30,000 or higher, UNDP shall require the vendor to submit a bank guarantee or bank cheque payable to UNDP, in the same amount as the advanced payment made by UNDP to the vendor.



	<input checked="" type="checkbox"/> Compliance to all documents to be submitted and with the lowest price <sup>6</sup> 1. Compliance with the submission of all documentation required to be submitted <input checked="" type="checkbox"/> The comprehensiveness of after-sales services <input checked="" type="checkbox"/> Full acceptance of the PO/Contract General Terms and Conditions <input checked="" type="checkbox"/> Earliest Delivery / Shortest Lead Time <sup>7</sup> <input type="checkbox"/> Others [pls. specify]
UNDP will award to:	<input checked="" type="checkbox"/> One and only one supplier

Type of Contract to be Signed	<input checked="" type="checkbox"/> Purchase Order <input checked="" type="checkbox"/> Contract Face Sheet (Goods and-or Services)
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Contract General Terms and Conditions	<input checked="" type="checkbox"/> General Terms and Conditions for contracts (goods and/or services) <input type="checkbox"/> General Terms and Conditions for de minimi contracts (services only, less than \$50,000)  Applicable Terms and Conditions are available at <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>

Special conditions of Contract	<input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 20 days
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<sup>6</sup> UNDP reserves the right not to award the contract to the lowest priced offer, if the second lowest price among the responsive offer is found to be significantly more superior, and the price is higher than the lowest priced compliant offer by not more than 10%, and the budget can sufficiently cover the price difference. The term "more superior" as used in this provision shall refer to offers that have exceeded the pre-determined requirements established in the specifications.

<sup>7</sup> This shall be used for time-critical and/or exigent requirements (e.g., post-crisis emergencies, elections, etc.).

Conditions for Release of Payment	<input checked="" type="checkbox"/> Passing Inspection by visual <input checked="" type="checkbox"/> Completion of work rehabilitation work and construction. <input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with RFQ requirements
Annexes to this RFQ <sup>8</sup>	<input checked="" type="checkbox"/> Specifications of the works Required (Annex 1) <input checked="" type="checkbox"/> Form for Submission of Quotation (Annex 2) <input checked="" type="checkbox"/> Terms of Reference (Annex 3) <input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions: <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>  Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.
Contact Person for Inquiries (Written inquiries only) <sup>9</sup>	<i>Alvaro Noronha de Sousa</i> <i>Procurement Associate</i> <i>Procurement.staff.tp@undp.org</i> Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission unless UNDP determines that such an extension is necessary and communicates a new deadline to The Proposers.

Goods offered shall be reviewed based on completeness and compliance of the quotation with the minimum specifications described above and any other annexes providing details of UNDP requirements.

The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

<sup>8</sup> Where the information is available in the web, a URL for the information may simply be provided.

<sup>9</sup> This contact person and address is officially designated by UNDP. If inquiries are sent to other person/s or address/es, even if they are UNDP staff, UNDP shall have no obligation to respond nor can UNDP confirm that the query was received.



After UNDP has identified the lowest price offer, UNDP reserves the right to award the contract based only on the prices of the goods if the transportation cost (freight and insurance) is found to be higher than UNDP's own estimated cost if sourced from its freight forwarder and insurance provider.

At any time during the validity of the quotation, no price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five percent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP indicated above - <http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html>.

UNDP is not bound to accept any quotation, nor award a contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to allow appealing for persons or firms not awarded a purchase order or contract in a competitive procurement process. **In the event that** you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:

<http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/>

**UNDP encourages every prospective Vendor to** avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link : [http://www.un.org/depts/ptd/pdf/conduct\\_english.pdf](http://www.un.org/depts/ptd/pdf/conduct_english.pdf)

**Thank you and we look forward to receiving your quotation.**

Sincerely yours,



**Lazima Onta-Bhatta**

*Deputy Resident Representative*

March 12, 2020



### Technical Specifications

<b>I</b>	<b>Rehabilitation existing building (A); Details can be seen at ToR Annex 3</b>		<b>6.00m X 4.90m</b>
	1	Floor work (rehabilitation)	
	2	Re-painting	
	3	Re-wiring (electric connection and lights)	
	4	Ceiling (rehabilitation)	
<b>II</b>	<b>Addition Structure roof cover area (I)</b>		
	1	Material for structure galvanized steel	
	2	Floor work rehabilitation with extension work	
<b>III</b>	<b>New Construction Area (B) and (C) Details can be seen at ToR Annex 3</b>		<b>8.82m x 4.90 m</b>
	An open/multifunction space for workshops and training		
	1	Concrete floor work leveling for area B and C	
	2	Structure for area C with steel galvanized beams	
	3	Structure for Area B will be a solid structure combined with structure second floor (G)	
	4	Material for partition eastern part combination steel and woff cement board (2400 x 1200 x 600 mm)	
	5	Electrical work and sound system	
	6	Ceiling or Fabe Wall Industrial Fan	
<b>IV</b>	<b>New Construction composting site are (D) Details can be seen at ToR Annex 3</b>		<b>1.90 x 4.40 m</b>
	1	Waterproof concrete work for all three tanks	

	2	Roof cover with the structure using steel beam galvanized	
<b>V</b>	<b>Construction second-floor office (H) on top area (B) Details can be seen at ToR Annex 3</b>		<b>4.90m x 3.57m</b>
	1	Material Steel Galvanized;	
	2	Floor structure combination timber and steel galvanized;	
	3	Wall second floor combination steel beams and wall cement board (2400 x 1200 x 12mm)	
	4	Ceiling steel frame and plywood	
	5	Prefabricated doors and windows (China construction shops)	
	6	Roof cover aluminum (ETR Zinalume Roofing Iron 042 x 3mm)	
	7	Stairs /Steps Steel Beam	
<b>Vi</b>	<b>Rehabilitation existing toilet ;Details can be seen at ToR Annex 3</b>		

	1	New zink	
	2	New toilet seat	
	3	Replacement existing doors with new prefabricate door	
	4	Ventilation	
	5	Additional partition for view cover to access to the toilet door	
<b>VII</b>	<b>Parking space for Tricycle motorcycle area E concrete; Details can be seen at ToR Annex 3</b>		
<b>VIII</b>	<b>Non-concrete work land levelling work Details can be seen at ToR Annex 3</b>		
<b>XI</b>	<b>Paving work as sidewalk access (area F) Details can be seen at ToR Annex 3</b>		
	1	Paving works	
<b>X</b>	<b>Plumbing works Details can be seen at ToR Annex 3</b>		
	1	Replacement an existing water pump with a new water pump	
	2	Water pipe connection to the composting site (area D) with tap	



	3	Water pipe connection to open area with two taps	
	4	Rehabilitation existing connection system to toilet	
	5	Water Pipe connection to area (I)	
IX	Finishing Work		

*\*Pls. attach delivery schedule, if relevant, and cluster by lot, if partial bids will be allowed. Specify delivery locations if goods multiple destinations.*

*Jose Reinaldo da Silva Soares  
National Project Coordinator  
March 12, 2020*

# **FORM FOR SUBMITTING SUPPLIER'S QUOTATION<sup>11</sup>**

*(This Form must be submitted only using the Supplier's Official Letterhead/Stationery<sup>12</sup>)*

We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby offer to supply the items listed below in conformity with the specification and requirements of UNDP as per RFQ Reference No. \_\_\_\_\_:

**TABLE 1 : Offer to Supply Goods Compliant with Technical Specifications and Requirements**

Item No.	Description/Specification of Goods	Quantity	Latest Delivery Date	Unit Price	Total Price per Item
	<b>Total Prices of Goods<sup>13</sup></b>				
	Add : Cost of Transportation				
	Add : Cost of Insurance				
	Add : Other Charges (pls. specify)				
	<b>Total Final and All-Inclusive Price Quotation</b>				



**TABLE 2 : Estimated Operating Costs (if applicable)**

<b>List of Consumable Item/s</b> <i>(Include fast moving parts, if any)</i>	<b>Estimated Average Consumption</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price per Item</b>

<sup>11</sup> This serves as a guide to the Supplier in preparing the quotation and price schedule.

<sup>12</sup> Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

<sup>13</sup> Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

**TABLE 3: Offer to Comply with Other Conditions and Related Requirements**

<b>Other Information pertaining to our Quotation are as follows:</b>	<b>Your Responses</b>		
	<b><i>Yes, we will comply</i></b>	<b><i>No, we cannot comply</i></b>	<b><i>If you cannot comply, pls. indicate counter-proposal</i></b>
Delivery Time			
Contract General Terms and Conditions			
Payment Terms			
Warranty and After-Sales Requirements			

Validity of Quotation			
All Provisions of the UNDP General Terms and Conditions			
Other requirements <i>[pls. specify]</i>			

All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the RFQ.

*[Name and Signature of the Supplier's Authorized Person]*  
*[Designation]*  
*[Date]*



## Term of Reference

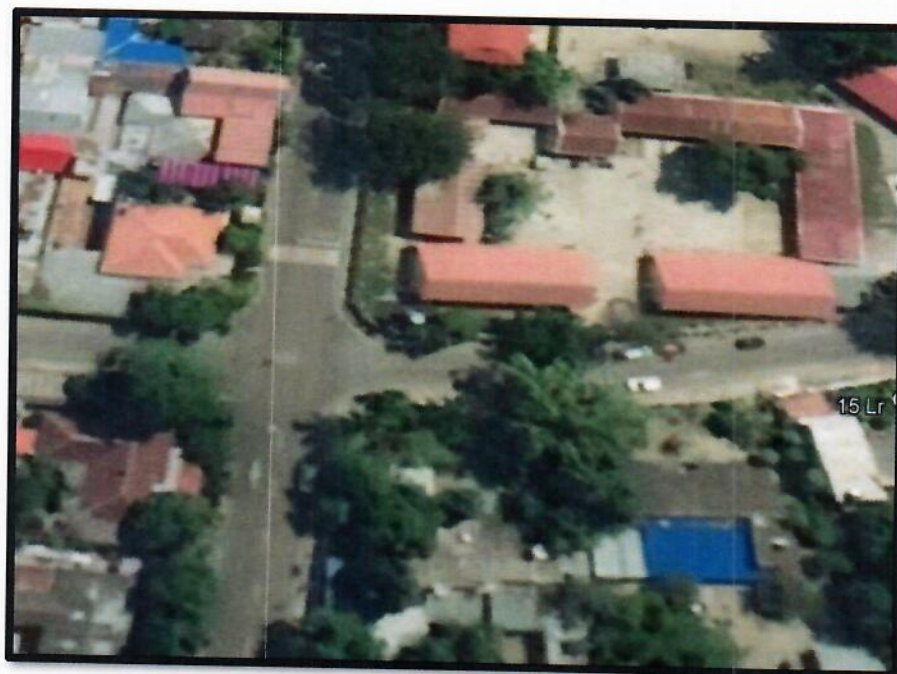
Dili is a fast-growing urban center that generates 190 tonnes of Municipal Solid Waste (MSW) per day (0.65 kg per person per day) as per the audit conducted by ADB in 2015. The major component of Dili's MSW is organics, from both food scraps (12%) and green waste (33%); paper and cardboard constitute some 18% of the waste stream; plastic bags account for another 12%; and plastic drink containers account for 6% (ADB, 2015). The current waste management system has severe environmental and social implications. The Timorese Government has recently actioned several measures to improve solid waste management outcomes in Timor-Leste including improvements to Tibar dumpsite and modernizing waste collection around Dili (in partnership with the Asian Development Bank) as well as developing a Zero Plastic Policy and piloting a Recycling Promotion Pilot Project (Phase I) at Suku Motael to promote waste separation at source and 3Rs (Reduce, Reuse, and Recycle), thus create the favorable enabling environment for the development of sustainable waste recycling enterprises.

UNDP and the Government of Timor-Leste have piloted a waste separation in Motael to support recycling initiatives. However, wastes are still mixed-up and cannot be collected by the recycling businesses. It is assumed that because there is no receiving capacity for the sorted waste, there is no incentive for the public to sort their waste. Even if the desired outcome of separation behaviors is achieved - previous upcycling NGOs/ entrepreneurs simply do not have the scale to deal with all the waste produced. With this integrated recycling system, organizations and small-scale businesses can still have access to the recyclable materials they require, but this will be supported by a reliable recycling network. Increased recycling capacity will also reduce the amount of waste-to-landfill.

The Integrated Waste Management Facility has the following (full annotation in annex 1):

1. Storage shed where sorted waste from the two suku (Motael & Caicoli) can be stockpiled for collection by/selling to private sector enterprises and communities from other suku can deposit their sorted wastes voluntarily and receive incentives.
2. A workshop facility for recycling equipped with technology and necessary equipment;
3. A small conference room to hold regular hand-on-training on crafting/recycling waste;
4. Space for composting and community garden; and
5. A green shop/kiosk for showcasing and selling recycled products.

- I. Location: Actual space at NGO HASATIL office (see Anexo design)



- II. Address: Suco Motael, Aldeia Lirio (opposite of Farol Primary School and Habruas Foundation);
- III. Site visit for interested bidder should be scheduled before submission of bids IV. Propose work and submission quotation for the following works:
- V. With reference to the attached design for Integrate Waste Management Facility, an interested bidder is expected to propose a quote for each point work mention above (III) with the following activity quote:

<b>I</b>		<b>Rehabilitation existing building (A) (Attached plan design Plan)</b>	<b>6.00m X 4.90m</b>
	1	Floor work (rehabilitation)	
	2	Re-painting	
	3	Re-wiring (electric connection and lights)	
	4	Ceiling (rehabilitation)	
<b>II</b>		<b>Addition Structure roof cover area (I)</b>	
	1	Material for structure galvanized steel	
	2	Floor work rehabilitation with extension work	



<b>III</b>	<b>New Construction Area (B) and (C) (Attached plan design Plan)</b>		<b>8.82m x 4.90 m</b>
	An open/multifunction space for workshops and training		
	1	Concrete floor work leveling for area B and C	
	2	Structure for area C with steel galvanized beams	
	3	Structure for Area B will be a solid structure combined with structure second floor (G)	
	4	Material for partition eastern part combination steel and wolf cement board (2400 x 1200 x 600 mm)	
	5	Electrical work and sound system	
	6	Ceiling or Fabe Wall Industrial Fan	
<b>IV</b>	<b>New Construction composting site are (D) (Attached plan design Plan)</b>		<b>1.90 x 4.40 m</b>
	1	Waterproof concrete work for all three tanks	
	2	Roof cover with the structure using steel beam galvanized	
<b>V</b>	<b>Construction second-floor office (H) on top area (B) (Attached plan design Plan)</b>		<b>4.90m x 3.57m</b>
	1	Material Steel Galvanized;	
	2	Floor structure combination timber and steel galvanized;	
	3	Wall second floor combination steel beans and wall cement board (2400 x 1200 x 12mm)	
	4	Ceiling steel frame and plywood	
	5	Prefabricated doors and windows (China construction shops)	
	6	Roof cover aluminum (ETR Zincalume Roofing Iron 042 x 3mm)	
	7	Stairs /Steps Steel Beam	
<b>Vi</b>	<b>Rehabilitation existing toilet (Attached plan design Plan)</b>		

	1	New zink	
	2	New toilet seat	
	3	Replacement existing doors with new prefabricate door	
	4	Ventilation	
	5	Additional partition for view cover to access to the toilet door	
<b>VII</b>	<b>Parking space for Tricycle motorcycle area E concrete (Attached plan design Plan)</b>		
<b>VIII</b>	<b>Non-concrete work land leveling work (Attached plan design Plan)</b>		
<b>XI</b>	<b>Paving work as sidewalk access (area F) (Attached plan design Plan)</b>		
	1	Paving works	
<b>X</b>	<b>Plumbing works (Attached plan design Plan)</b>		
	1	Replacement an existing water pump with a new water pump	
	2	Water pipe connection to the composting site (area D) with tap	
	3	Water pipe connection to open area with two taps	
	4	Rehabilitation existing connection system to toilet	
	5	Water Pipe connection to area (I)	
<b>IX</b>	<b>Finishing Work</b>		

	WORK ITEMS	UNIT	VOL	UNIT PRICE (USD)	TOTAL PRICE (USD)
1	2	3	4	5	6 = 4X5
<b>I</b>	<b>PREPARATION WORK</b>				
	Mobilization	LS	1		
	Demolition	LS	1		
	Water supply and electricity	Ls	1		



	<b>Sub. Total</b>				
<b>II</b>	<b>Earthwork</b>				

	Cleaning	M2	400		
	Soil excavation	M3	13.6		
	Soil foundation finishing	M3	14.875		
	Sand Finishing	M3	2.32		
	<b>Sub. Total</b>				
<b>III</b>	<b>FOUNDATION WORK</b>				
	Stone installation of foundation	M3	2.24		
	Installation of Sandstone	M3	13.09		
	<b>Sub. Total</b>				
<b>IV</b>	<b>PLASTERING WORK</b>				
	Concrete brick Installation	M2	32.794		
	Wall plastering	M2	65.588		
	Installation of roof ceiling	M3	7.04		
	<b>Sub. Total</b>				
<b>V</b>	<b>CONCRETE WORK</b>				
<b>a</b>	<b>Casting</b>				
1	Subfloor 15/15 (1PC : 2PS : 3 KR)	M3	0.45		
2	Beam Standing (1PC : 2PS : 3 KR)	M3	0.45		
3	Column 20/20 (1PC : 2PS : 3 KR)	M3	1.44		
4	Floor plate (1PC : 2PS : 3 KR)	M2	50		



	<b>Sub. Total</b>				
<b>b</b>	<b>Metal Work</b>				
1	Subfloor 15/15 (1PC : 2PS : 3 KR)	btg	37		
2	Beam Standing (1PC : 2PS : 3 KR)	btg	37		
3	Column 20/20 (1PC : 2PS : 3 KR)	btg	48		
4	Floor plate (1PC : 2PS : 3 KR)	btg	32		
	<b>Sub. Total</b>				
<b>c</b>	<b>Vapor Barrier (Begesting)</b>				
1	Subfloor 15/15 (1PC : 2PS : 3 KR)	M3	0.48		
2	Beam Standing (1PC : 2PS : 3 KR)	M3	0.48		
3	Column 20/20 (1PC : 2PS : 3 KR)	M3	0.864		
4	Floor plate (1PC : 2PS : 3 KR)	M3	0.72		
	<b>Sub. Total</b>				
	<b>Total Sub a + B + c</b>				
<b>VI</b>	<b>CERAMIC WORK</b>				
1	Ceramic floor 40x40	Dos	25		
2	Ceramic floor 20x20	Dos	8		
	<b>Sub. Total</b>				
<b>VII</b>	<b>WINDOWS AND DOOR WORK</b>				
	Wooden door frame installation	Unit	8		
	Door jamb	Unit	8		
	Windows	Unit	8		
	<b>Sub. Total</b>				
<b>VIII</b>	<b>ELECTRICITY INSTALLATION</b>				

1	Neon lamp	Unit	12		
2	Incandescent lamp	Unit	4		
3	Cable	Rol	3		
4	Switch	Unit	10		
5	MCB	Unit	2		
	<b>Sub. Total</b>				
<b>IX</b>	<b>ROOF AND CEILING WORK</b>				
1	Zink roof	M2			
2	Trusses beam (Metal Hallow 60/100)	M'	24		
3	Roof rafter installation (Metal Hallow 40/60)	M'	72		
4	Ceiling structure (Metal Hollow 40/60)	M'	100		
5	Gypsum	M2	49		
	<b>Sub. Total</b>				
<b>X</b>	<b>PAINTING WORK</b>				
1	Floor painting	Ember	5		
2	Wooden painting	Ember	5		
3	"Meni" Painting	Ember	5		
	<b>Sub. Total</b>				
<b>XI</b>	<b>SANITATION WORK</b>				
1	Water tub	Unit	1		
2	Toilet bowl	Unit	1		
2	Septic Tank	Unit	1		
3	Water filtration	Unit	1		
4	AW Pipe PVC 1"	M'	15		
5	AW Pipe PVC 1/2"	M'	30		
6	AW Pipe PV 3" for Toilet	M'	2		
7	AW Pipa PV 3/4" for garden	M'	12		
8	Lexus Westafel	Unit	1		
	<b>Sub. Total</b>				
	<b>Total</b>				