

**THE UNITED REPUBLIC OF TANZANIA  
MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT,  
GENDER, ELDERLY AND CHILDREN**



**CONTRACT DOCUMENT**

**FOR**

**ME/007/2021-2022/HQ/C/71 TENDER NO. ME/007/2021-2022/HQ/C/71  
PROVISION OF CONSULTANCY SERVICES FOR REHABILITATION AND  
RENOVATION OF MIREMBE MENTAL HOSPITAL PROCUREMENT UNDER  
TANZANIA COVID 19SOCIAL ECONOMIC RECOVERY PLAN (TCRP)  
MOHCDGEC/2021/2022/HQ/C/9**

**CLIENT:  
MINISTRY OF HEALTH,**

**COMMUNITY DEVELOPMENT  
GENDER, ELDERLY AND CHILDREN  
P.O.BOX 743 DODOMA.**

**CONSULTANT:  
PSM ARCHITECTS CO LTD**

**P.O Box76862  
DAR ES SALAAM.**

**DECEMBER, 2021**

## FORM OF CONTRACT

This Contract (hereinafter called the "Contract") is made the <sup>17</sup>..... day of the month of <sup>December</sup>....., 2021 between, on the one hand, **Permanent Secretary, Ministry of Health, Community Development, Gender, Elderly and Children of P.o Box 743 DODOMA** (hereinafter called the "Client") and, on the other hand, **Messers PSM ARCHITECTS CO LTD P.O Box76862 DAR ES SALAAM.** (hereinafter called the "Consultant").

### WHEREAS

- (a) the Client has requested the Consultant to provide certain consulting services as defined in this Contract **TENDER NO. ME/007/2021-2022/HQ/C/71 TENDER NO. ME/007/2021-2022/HQ/C/71 PROVISION OF CONSULTANCY SERVICES FOR REHABILITATION AND RENOVATION OF MIREMBE MENTAL HOSPITAL PROCUREMENT UNDER TANZANIA COVID 19NSOCIAL ECONOMIC RECOVERY PLAN (TCRP)** (hereinafter called the "Services");
- (b) the Consultant, having represented to the Client that they have the required professional skills, and personnel and technical resources, have agreed to provide the Services on the terms and conditions set forth in this Contract at a **Contract Price of Tanzania Shillings TZS Three Hundred Million (300,000,000) Inclusive of Local Taxes**

NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents forming the integral part of this Contract shall be interpreted in the order of priority shown:
  - (a) The form of contract;
  - (b) The Special Conditions of Contract (SCC);
  - (c) The General Conditions of Contract (GCC),
  - (d) Negotiation minutes
  - (e) The Appendices.
    - Appendix 1: Terms of Reference
    - Appendix 2: Key Expert
    - Appendix 3: Breakdown of Contract Price
    - Appendix 4 : Letter of Acceptance

2. The mutual rights and obligations of the Client and the Consultant shall be as set forth in the Contract, in particular:
- (a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and
  - (b) the Client shall make payments to the Consultant in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of the Ministry of Health, Community, Development, Gender, Elderly and Children,

.....  
 Signature of Authorized representative  
 Name Timinuel Macha  
 Occupation Acting PS

In the presence of  
 Signature.....  
 Name DANBY A. MASHOMO  
 Occupation AGPS

For and on behalf of Messrs PSM ARCHITECTS CO LTD

.....  
 Signature of Authorized representative  
 Name PETER S. MATINDE  
 Occupation MANAGING DIRECTOR

In the presence of  
 Signature.....  
 Name ALLAN S. SEMPOLI  
 Occupation DIRECTOR



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**SPECIAL CONDITIONS OF CONTRACT**

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Section 2: Special Conditions of Contract		
SCC Clause	GCC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1	1.1 (a) 1.1 (d) 1.1 (k)	The Client is Ministry of Health, Community Development, Gender, Elderly and Children. The Consultant is Messers PSM ARCHITECTS CO LTD P.O Box 76862 DAR ES SALAAM The Intended Completion Date is June, 2022
2	4.6	The assignment is to be completed in the following phases N/A
3	6.1	Non eligible countries are: N/A
	6.2	Materials, equipment and supplies used by the Consultant are not permitted if they have originated in N/A
4	7.1	The governing language shall be English
5	11.1	The addresses for <u>Communications and Notices</u> are: Client : MOHCDGEC Attention : Head of Building section Consultant : Consultant is Messers PSM ARCHITECTS CO Consult LTD P.O Box 76862 DAR ES SALAAM Attention : Managing Director
6	14.1	The services shall be performed at Mirembe Mental Hospital
7	15.1	The Member in Charge is Head of Building.
8	16.1	The Authorized Representatives are:

		For the Client: Head of Buildings For the Consultant: Managing Director
9	18.1	The effectiveness conditions are the following: None
10	19.1	The time period shall be 7 Days.
11	20.1	The time period shall be 7 days
12	21.1	The time period shall be one Month after defect Liability period
13	28.1	The person designated by the consultant to take charge of the operations of the personnel and performance of such Services as described in Appendix 3 to the contract shall serve in that capacity, as specified in Clause 28.
14	36.5 (a)	The number of months shall be 1 Month
	36.5 (b)	The ceiling on Consultant's liability shall be limited to 300,000,000/=
15	37.1(a)	The risks and the coverage shall be as follows: (a) Third Party motor vehicle liability insurance in respect of motor vehicles operated in United Republic of Tanzania by the Consultant or their Personnel or any Sub-Consultants or their Personnel, with a minimum coverage of N/A (b) Third Party liability insurance, with a minimum coverage of N/A (c) Professional Liability insurance, with a minimum coverage of N/A (d) Employer's Liability and Workers' Compensation insurance in respect of the Personnel of the Consultant and of any Sub-Consultant, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel, or other insurance as may be appropriate; and (e) insurance against loss of or damage to (i)

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		equipment purchased in whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultant in the performance of the Services.
16	39.1	The other actions are: "taking any action under a civil works contract designating the Consultant as "Engineer", for which action, pursuant to such civil works contract, the written approval of the Client as "Employer" is required".
17	41.1	"The Consultant shall not use these documents and software for purposes unrelated to this Contract without the prior written approval of the Client". "The Client shall not use these documents and software for purposes unrelated to this Contract without the prior written approval of the Consultant." "Neither Party shall use these documents and software for purposes unrelated to this Contract without the prior written approval of the other Party."
18	43.1	Performance Security shall be 10% of Consultancy fee
19	45.1(d)	N/A
20	51.2	The ceiling is: N/A
21	52.1	The account is: N/A
22	53.1	The prices charged for the Services provided shall be fixed for the duration of the Contract in accordance with the price adjustment formula detailed below.  <i>Note: In order to adjust the remuneration for inflation, a price adjustment provision should be included here if the contract has duration of more than 18 months or if the inflation is expected to exceed 5% per annum. The adjustment should be made every 12 months after the date of the contract. Remuneration should be adjusted by using the corresponding index applicable in Tanzania.</i>

22	53.1	<p>The prices charged for the Services provided shall be fixed for the duration of the Contract in accordance with the price adjustment formula detailed below.</p> <p><i>Note: In order to adjust the remuneration for inflation, a price adjustment provision should be included here if the contract has duration of more than 18 months or if the inflation is expected to exceed 5% per annum. The adjustment should be made every 12 months after the date of the contract. Remuneration should be adjusted by using the corresponding index applicable in Tanzania.</i></p> <p><i>To adjust the remuneration for foreign and/or local inflation, a price adjustment provision shall be included in the contract if its duration is expected to exceed 18 months. Exceptionally, contracts of shorter duration may include a provision for price adjustment when local or foreign inflation is expected to be high and unpredictable.</i></p> <p><i>A sample provision is provided below for guidance:</i></p> <p><i>"Payments for remuneration made in accordance with GCC 51.1 shall be adjusted as follows:</i></p> <p><i>Remuneration paid pursuant to the rates set forth in Appendix F to the Contract shall be adjusted every [insert number] months (and, for the first time, with effect for the remuneration earned in the [insert number] calendar month after the date of the Contract) by applying the following formula:</i></p>
		$R_t = R_{t_0} \times \frac{I_t}{I_{t_0}} \quad \text{\{or\}} \quad R_t = R_{t_0} \times \left[ 0.1 + 0.9 \frac{I_t}{I_{t_0}} \right]$ <p>where <math>R_t</math> is the adjusted remuneration, <math>R_{t_0}</math> is the remuneration payable on the basis of the rates set forth in Appendix F, <math>I_t</math> is the official index for salaries in paragraph for the first month for which the adjustment is to have effect and, <math>I_{t_0}</math> is the Consumer Price Index (All Urban, as published by the Tanzania Bureau of Statistics on a regular basis, for the month of the date of the Contract".</p>
	53.2	The rates for Personnel are set forth in Appendix 6 to the Contract.
	53.3	The Reimbursable expenses are set forth in

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		Appendix 6 to the Contract.
23	56.1	<p>The following provisions shall apply to the advance payment and the advance payment guarantee:</p> <p>(1) An advance payment N/A in Tanzania Shillings shall be made within N/A days after the Effective Date. The advance payment will be set off by the Client in equal instalments against the statements for the first <i>[insert number]</i> months of the Services until the advance payment has been fully set off.</p>
24	57.1	<p>Payment shall be made according to the following schedule</p> <ul style="list-style-type: none"> <li>i. 15% of Contract amount will be paid after submission of inception report.</li> <li>ii. 15% on submission of design review document.</li> <li>iii. 65% prorata to percent of works achieves at site</li> <li>iv. 5% upon final completion report</li> </ul>
	57.3	The interest rate is: N/A
25	77.2(a)	The place of Arbitration is: <b>DODOMA</b>

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GENERAL

CONDITIONS

OF

CONTRACT

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### Section 3: General Conditions of Contract

#### A. General

#### 1. Definitions

1.1

The following words and expressions shall have the meanings hereby assigned to them. Boldface type is used to identify the defined terms:

- (a) The "**Client**" is the party named in the SCC who engages the Consultant to perform the Services.
- (b) "**Completion**" means the fulfilment of the Services by the Consultant in accordance with the terms and conditions set forth in the Contract.
- (c) The "**Completion Date**" is the date of actual completion of the fulfilment of the Services.
- (d) The "**Consultant**" is the organisation whose proposal to perform the Services has been accepted by the Client and is named as such in the SCC and the Form of Contract Contract.
- (e) "**Contract**" means the Contract entered into between the Client and the Consultant including the Contract Documents listed in GCC 5.
- (f) "**Contract Documents**" means the documents listed in the Contract, including any amendments thereto, that is these General Conditions of Contract (GCC), the Special Conditions of Contract (SCC), and the Appendices.
- (g) "**Day**" means calendar day.
- (h) "**Effective Date**" means the date on which this Contract comes into force and effect pursuant to GCC Clause 18.
- (i) "**GCC**" mean the General Conditions of Contract.
- (j) "**Government**" means the Government of the United Republic of Tanzania.
- (k) The "**Intended Completion Date**" is the date on which it is intended that the Consultant

		<p>shall complete the Services as specified in the SCC.</p> <p>(l) <b>"Member"</b> means in case where the Consultant consists of a joint venture, any of the entities that make up the joint venture; and <b>"Members"</b> means all these entities.</p> <p>(m) <b>"Month"</b> means calendar month</p> <p>(n) <b>"Party"</b> means the Client or the Consultant, as the case may be, and <b>"Parties"</b> means both of them. Third party means any party other than Client as Consultant</p> <p>(o) <b>"Personnel"</b> means professionals and support staff provided by the Consultant or by any Sub-Consultant and assigned to perform the Services or any part; and <b>"Key Personnel"</b> means the Personnel referred to in GCC 24.1.</p> <p>(p) <b>"Reimbursable expenses"</b> means all assignment-related costs other than Consultant's remuneration.</p> <p>(q) <b>"Remuneration"</b> means all costs related to payments of fees to the Consultant for the time spent by the professional and other staff on assignment related activities.</p> <p>(r) <b>"SCC"</b> means the Special Conditions of Contract by which the GCC may be supplemented.</p> <p>(s) <b>"Services"</b> means the tasks or actions to be performed and the services to be provided by the Consultant pursuant to this Contract, as described in Appendices to Contract.</p> <p>(t) <b>"Sub-Consultant"</b> means any person or entity to whom/which the Consultant subcontracts any part of the Services.</p> <p>(u) <b>"Third Party"</b> means any person or entity other than the Client and the Consultant.</p> <p>(v) <b>"Writing"</b> means any hand-written, typewritten, or printed communication including telex, cable and facsimile transmission.</p>
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2. Interpretation and contract documents	2.1	In interpreting this condition of contract headings and marginal notes are used for convenience only and shall not affect the interpretations unless specifically stated; References to singular includes plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the contract unless specifically defined.
	2.2	Subject to the order of precedence set forth in the form of contract, all documents forming the Contract (and all parts) are intended to be correlative, complementary, and mutually explanatory.
3. Corrupt, Fraudulent, Collusive or Coercive Practices	3.1	The Government requires that Clients, as well as Consultants shall observe the highest standard of ethics during the implementation of procurement proceedings and the execution of contracts under public funds.
	3.2	<p>In pursuance of this requirement, the Client shall:</p> <ul style="list-style-type: none"> <li>(a) exclude the Consultant from participation in the procurement proceedings concerned or reject a proposal for award; and</li> <li>(b) declare the Consultant ineligible, either indefinitely or for a stated period of time, from participation in procurement proceedings under public fund;</li> </ul> <p>if it at any time determines that the Consultant has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract under public fund.</p>
	3.3	Should any corrupt or fraudulent practice of any kind referred to in GCC 3.4 come to the knowledge of the Client, it shall, in the first place, allow the Consultant to provide an explanation and shall take actions as stated in GCC 3.2 only when a satisfactory explanation is not received. Such exclusion and the reasons therefore, shall be recorded in the record of the procurement proceedings and promptly communicated to the Consultant concerned. Any communications between the Consultant and the Client related to matters of alleged fraud or

		corruption shall be in writing or in electronic forms that provide record of the content of the communication.
	3.4	<p>For the purposes of this Contract, the terms:</p> <p>(a) "<i>corrupt practice</i>" means offering, giving, or promising to give, directly or indirectly, to any officer or employee of a PE or other governmental/private authority or any individual a gratuity in any form, an employment or any other thing or service of value, as an inducement with respect to an act or decision of, or method followed by, a PE in connection with the procurement proceeding;</p> <p>(b) "<i>fraudulent practice</i>" means a misrepresentation or omission of facts in order to influence a procurement proceedings or the execution of a contract to the detriment of the Client,</p> <p>(c) "<i>collusive practice</i>" means a scheme or arrangement among two and more Consultants with or without the knowledge of the Client (prior to or after proposal submission) designed to establish proposal prices at artificial, non-competitive levels and to deprive the Client of the benefits of free, open and genuine competition; and</p> <p>(d) "<i>coercive practice</i>" means harming or threatening to harm, directly or indirectly, persons or their property to influence the procurement proceedings, or affect the execution of a contract.</p> <p>(e) "<i>obstructive practice</i>" means acts intended to materially impede access to required information in exercising a duty under the Contract;</p>
	3.5	Parties agree that their personnel have an equal obligation not to solicit, ask for and/or use coercive methods to obtain personal benefits in connection with this contract.

4. Interpretation	4.1	<p>Non-waiver</p> <p>(a) Subject to GCC 4.1 (b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.</p> <p>(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing or in electronic forms that provide record of the content of the communication, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.</p>
	4.2	<p>Severability</p> <p>(a) If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.</p>
	4.3	<p>Phased completion</p> <p>(a) If phased completion is specified in the SCC, references in the GCC to the Services, the Completion Date, and the Intended Completion Date shall apply to any Phase of the Services (other than references to the Completion Date and Intended Completion Date for the whole of the Services).</p>

5. Documents Forming the Contract and Priority of Documents	5.1	<p>The following documents forming the contract shall be interpreted in the following order of priority:</p> <ul style="list-style-type: none"> <li>(a) The form of contract;</li> <li>(b) The Special Conditions of Contract (SCC);</li> <li>(c) The General Conditions of Contract (GCC);</li> <li>(d) Terms of reference;</li> <li>(e) Duly registered power of attorney;</li> <li>(f) Negotiation minutes dully signed (if any);</li> <li>(g) Consultant's Proposal;</li> <li>(h) The Appendices (1 to 7); and</li> <li>(i) Any other documents listed in the SCC as forming part of the contract</li> </ul>
6. Eligibility	6.1	The Consultant's Personnel and its Sub-Consultants and its Personnel shall have the nationality of a country, other than those specified in the SCC.
	6.2	All materials, equipment, plant, and supplies used by the Consultant and services supplied under the Contract shall have their origin in the countries, except those specified in the SCC.
7. Governing Language	7.1	The Contract as well as all correspondence and documents relating to the Contract exchanged between the Consultant and the Client shall be written in the English language unless otherwise stated in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, this translation shall govern.
	7.2	<p>The Consultant shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.</p> <p>Reports to be submitted by the Consultants as part of the assignment shall be in the English language</p>



8. Applicable Law	8.1	The Contract shall be governed by and interpreted in accordance with the laws of Tanzania.
9. Contractual Ethics	9.1	No fees, gratuities, rebates, gifts, commissions or other payments, other than those shown in the proposal or the contract, shall have been given or received in connection with the selection process or contract execution.
10. Joint Venture, Consortium or Association [JVCA]	10.1	If the Consultant is a joint venture, consortium, or association, (this does not include sub consultancy) all of the parties shall sign the Contract and be jointly and severally liable to the Client for the fulfilment of the provisions of the Contract and shall designate one party to act as a Member-in-Charge with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Client.
11. Communications and Notices	11.1	Communications between Parties (notice, request or consent required or permitted to be given or made by one party to the other) under the Contract shall be in writing or in electronic forms that provide record of the content of the communication to the address specified in the SCC.
	11.2	A notice, request or consent shall be effective when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SCC.
	11.3	A Party may change its address by giving the other Party a notice of change of address.

12. Assignment	12.1	Neither the Client nor the Consultant shall assign, in whole or in part, their obligations under this Contract.
13. Relation between the Parties	13.1	Nothing contained herein shall be construed as establishing a relation of master and servant or of principal and agent as between the Client and the Consultant. The Consultant, subject to this Contract, has complete charge of Personnel and Sub-Consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf.
14. Site	14.1	The Services shall be performed at such locations as specified in the SCC, where the location of a particular task is not so specified, at such locations as the client may require in writing.
15. Authority of Member in Charge	15.1	In case the Consultant consists of a JVCA of more than one entity, the Members hereby authorize the entity specified in the SCC to act on their behalf in exercising all the Consultant's rights and obligations towards the Client under this Contract, including without limitation the receiving of instructions and payments from the Client.
16. Authorized Representatives	16.1	Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Client or the Consultant may be taken or executed by the authorized Representatives specified in the SCC.
17. Taxes and Duties	17.1	The Contractor, Sub-contractors and Personnel shall pay such taxes, duties, fees and other impositions as may be levied under the Laws of Tanzania unless otherwise stated in the SCC.
		<b>B. Commencement, Completion and Modification of Contract</b>
18. Effectiveness of Contract	18.1	The Contract shall come into force and effect on the date (the "Effective Date") of the Client's notice to the Consultant instructing the Consultant to begin carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, listed in the SCC have been met.
19. Termination of	19.1	If the Contract has not become effective within such

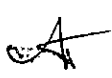
Contract for Failure to Become Effective		time period specified in the SCC, either Party may, by not less than twenty-one (21) days written notice to the other Party, be entitled to terminate this Contract.
20. Commencement of Services	20.1	The Consultant shall begin carrying out the Services not later than the number of days after the Effective Date as specified in the SCC.
21. Expiration of Contract	21.1	Unless terminated earlier pursuant to GCC 19 [Termination for failure to become effective] GCC 66 [Termination for Default], GCC 67 [Termination for Insolvency], GCC 68 [Termination for Convenience] or GCC 69 [Termination because of Force Majeure], this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.
22. Amendments or Variations	22.1	Any amendment or variation of the terms and conditions of the Contract, including any modification or variation of the Scope of the Services, may only be made by written contract between the Parties.
		<b>C. Consultant's Personnel and Sub-Consultants</b>
23. General	23.1	The Consultant shall employ and provide such qualified and experienced Personnel and Sub Consultants as are required to carry out the Services.
24. Description of Personnel	24.1	The title, agreed job description, minimum qualification and estimated period of engagement in the carrying out of the Services of each of the Consultant's Key Personnel are described in Appendix 3 to the contract. If any of the Key Personnel has already been approved by the Client, his/her name shall be listed in such Appendix.
	24.2	If required to comply with the provisions of GCC 27 [Removal and/or Replacement of Personnel], adjustments with respect to the estimated periods of engagement of Key Personnel set forth in Appendix 3 [Personnel and Sub Consultants] to the contract may be made by the Consultant by written notice to the Client, provided: <ul style="list-style-type: none"> <li>(a) that such adjustments shall not alter the originally estimated period of engagement of any individual by more than 10% or one week, whichever is the larger;</li> </ul>

		<p>(b) that the aggregate of such adjustments shall not cause payments under this Contract to exceed the ceilings set forth in GCC 51.2 [Cost Estimate of Services: Ceiling Amount] of the Contract; and</p> <p>(c) any other such adjustments shall only be made with the Client's written approval.</p>
	24.3	If additional work is required beyond the Scope of the Services specified in Appendix 1 to the contract, the estimated periods of engagement of Key Personnel set forth in Appendix 3 may be increased by contract in writing between the Client and the Consultant.
25. Approval of Personnel	25.1	The Client shall approve the Key Personnel and Sub Consultants listed by title as well as by name in Appendix 3 [Personnel and Sub Consultants] to the contract. In respect of other Personnel that the Consultant proposes to use in the carrying out the Services, the Consultant shall submit to the Client for review and approval of copies of their Curricula Vitae (CVs) signed by such personnel. If the Client does not object in writing or in electronic forms that provide record of the content of the communication (stating the reasons for the objection) within twenty-one (21) days from the date of receipt of such CVs, such Personnel shall be deemed approved by the Client.
26. Working Hours, Overtime, Leave & Holidays	26.1	Working hours and holidays, entitlement of leave and overtime, etc for Key Personnel are set forth in Appendix 4 [Hours of Work for Personnel] to the Contract.
	26.2	The Key Personnel shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave, except as specified in Appendix 4 [Hours of Work for Personnel] to the contract and except as specified in such Appendix, the Consultant's remuneration shall be deemed to cover these items.



27. Removal and/or Replacement of Personnel	27.1	Except as the Client may otherwise agree, no changes shall be made in the Personnel. If, for any reason beyond the reasonable control of the Consultant, it becomes necessary to replace any of the Personnel, the Consultant shall forthwith provide as a replacement a person of equivalent or better qualifications acceptable to the Client.
	27.2	<p>If the Client</p> <ul style="list-style-type: none"> <li>(a) finds that any of the Personnel has committed serious misconduct or has been charged with having committed a criminal action; or</li> <li>(b) has reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Consultant shall, at the Client's written request specifying the grounds therefore, forthwith provide as a replacement a person with qualifications, experience, competence and skills acceptable to the Client.</li> </ul>
	27.3	<p>Any of the Personnel provided as a replacement under GCC 27.1 and 27.2 [Removal and/or Replacement of Personnel], the rate of remuneration applicable to such person as well as any reimbursable expenses, shall be subject to the prior written approval by the Client. Except as the Client may otherwise agree,</p> <ul style="list-style-type: none"> <li>(a) the Consultant shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and</li> <li>(b) the remuneration to be paid for any of the Personnel provided as a replacement shall not exceed the remuneration which would have been payable to the Personnel replaced.</li> </ul>

28. Consultant's Project Manager	28.1	As specified in SCC, the Consultant shall ensure that at all times during the Consultant's performance of the Services a Project Manager, acceptable to the Client, shall take charge of the operations of the personnel and performance of such Services.
<b>D. Obligations of the Consultant</b>		
29. Standard of Performance	29.1	The Consultant shall perform the Services and carry out its obligations with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as faithful advisers to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with Sub Consultants or Third Parties.
30. Law Governing Services	30.1	The Consultant shall perform the Services in accordance with the Applicable Law and shall take all practicable steps to ensure that any Sub Consultants, as well as the Personnel of the Consultant and any Sub Consultants, comply with the Applicable Law.
31. Conflict of Interests	31.1	The Consultant shall hold the Client's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.
32. Consultant Not to Benefit from Commissions, Discounts	32.1	The remuneration of the Consultant pursuant to GCC 51 to 58 [Payments to the Consultants] shall constitute the Consultant's sole remuneration in connection with this Contract and, subject to GCC 33 [Consultant and Affiliates not to Engage in Certain Activities], the Consultant shall not accept for their own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of their obligations, and the Consultant shall use their best efforts to ensure that any Sub Consultants, as well as the Personnel and agents of either of them, similarly shall not receive any such additional remuneration.



	32.2	Furthermore, if the Consultant, as part of the Services, have the responsibility of advising the Client on the procurement of goods, works or services, the Consultant shall at all times exercise such responsibility in the best interest of the Client. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the account of the Client.
33. Consultant and Affiliates not to Engage in Certain Activities	33.1	The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-Consultant and any entity affiliated with such Sub-Consultant, shall be disqualified from providing goods, works or services (other than consulting services) for any project resulting from or closely related to the Services.
34. Prohibition of Conflicting Activities	34.1	The Consultant shall not engage, and shall cause their Personnel as well as their Sub-Consultants and their Personnel not to engage, either directly or indirectly, in any business or professional activities in United Republic of Tanzania that would conflict with the activities assigned to them under this Contract.
35. Confidentiality	35.1	Except with the prior written consent of the Client, the Consultant and the Personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services. For purposes of this section, "confidential information" means any information or knowledge acquired by the Consultant and/or their Personnel arising out of, or in connection with, the performance of the Services under this Contract that is not otherwise available to the public.
36. Liability of the Consultant	36.1	The Consultant shall be responsible for, and shall indemnify the Client, in respect of loss of or damage to equipment and materials furnished by the Client, or purchased by the Consultant in whole or in part with funds provided by the Client.
	36.2	The Consultant undertakes full responsibility in respect of life, health, and accidents for the Personnel.

	36.3	<p>The Consultant shall indemnify the Client from and against any and all claims, liabilities, obligations, losses, damages, penalties, actions, judgment, suits, proceedings, demands, costs, expenses and disbursements of whatsoever nature that may be imposed on, incurred by or asserted against the Client during or in connection with the Services by reason of:</p> <ul style="list-style-type: none"> <li>(a) infringement or alleged infringement by the Consultant of any patent or other protected right; or</li> <li>(b) Plagiarism or alleged plagiarism or fronting practice by the Consultant.</li> </ul>
	36.4	<p>The Consultant shall ensure that all goods and (including but without limitation to all computer hardware, software and systems) procured by the Consultant out of funds provided or reimbursed by the Client or used by the Consultant in the carrying out of the Services do not violate or infringe any industrial property or intellectual property right or claim of any third party.</p>
	36.5	<p>The Consultant shall indemnify, protect and defend at their own expense the Client, and its agents and employees from and against any and all actions, claims, losses or damages arising out of Consultant's failure to exercise the skill and care required under GCC 29 [Standard of Performance] provided:</p> <ul style="list-style-type: none"> <li>(a) that the Consultant is notified of such actions, claims, losses or damages not later than the number of months after conclusion of the Services indicated in the SCC;</li> <li>(b) that the ceiling on the Consultant's liability under GCC 29 [Standard of Performance] shall be limited to the amount indicated in the SCC, except that such ceiling shall not apply to actions, claims, losses or damages caused by Consultant's gross negligence or reckless conduct; and</li> <li>(c) that the Consultant's liability under GCC 29 [Standard of Performance] shall be limited to actions, claims, losses or damages directly caused by such failure</li> </ul>

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		to exercise the said skill and care, and shall not include liability for any actions, claims, losses or damages arising out of occurrences incidental or indirectly consequential to such failure.
	36.6	In addition to any liability the Consultant may have under GCC 29 [Standard of Performance], the Consultant shall, at their own cost and expense, upon request of Client, re-perform the Services in the event of Consultant's failure to exercise the skill and care required under GCC 29 [Standard of Performance].
	36.7	Notwithstanding the provisions of paragraph (a) of this GCC 36, the Consultant shall have no liability whatsoever for actions, claims, losses or damages occasioned by: (i) Client's overriding a decision or recommendation of the Consultant or requiring the Consultant to implement a decision or recommendation with which Consultant do not agree; or (ii) the improper execution of the Consultant's instructions by agents, employees or independent contractors of the Client.

<p>37. Insurance to be taken out by the Consultant</p>	<p>37.1</p>	<p>The Consultant</p> <ul style="list-style-type: none"> <li>(a) shall take out and maintain, and shall cause any Sub-Consultants to take out and maintain, at their (or the Sub-Consultants', as the case may be) own cost, but on terms and conditions approved by the Client, insurance against the risks, and for the coverage specified in the SCC, and</li> <li>(b) at the Client's request, shall provide evidence to the Client showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid.</li> </ul>
<p>38. Accounting, Inspection and Auditing.</p>	<p>38.1</p>	<p>The Consultant shall</p> <ul style="list-style-type: none"> <li>(a) keep accurate and systematic accounts and records in respect of the Services , in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify all relevant time changes and costs, and the bases; and</li> <li>(b) Periodically permit the Client or its designated representative, and up to two (2) years from the expiration or termination of this Contract, to inspect the same and make copies as well as to have them audited by auditors appointed by the Client, if so required by the Client as the case may be.</li> </ul>
	<p>38.2</p>	<p>The Consultant shall furnish the Client such information relating to the Services as the Client may from time to time reasonably request.</p>

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<p>39. Consultant's Actions Requiring Client's Prior Approval</p>	<p>39.1</p>	<p>The Consultant shall obtain the Client's prior approval in writing or in electronic forms that provide record of the content of the communication before taking any of the following actions:</p> <ul style="list-style-type: none"> <li>(a) Any change or addition to the Personnel listed in Appendix 3 [Personnel and Sub Consultants] to the Contract;</li> <li>(b) Any sub-contract work relating to the Services to an extent and with such specialists and entities as may be approved; and</li> <li>(c) Any other action that may be specified in the SCC.</li> </ul>
	<p>39.2</p>	<p>Notwithstanding any approval under GCC 39.1 (b) above, the Consultant shall remain fully liable for the performance of Services by the Sub-Consultant and its personnel and retain full responsibility for the Services. In the event that any Sub-Consultant is found by the Client to be incompetent or incapable in discharging assigned duties, the Client may request and the Consultant shall provide a replacement, with qualifications and experience acceptable to the Client, or to resume the performance of the Services itself.</p>

40. Reporting Obligations	40.1	The Consultant shall submit to the Client the reports and documents specified in Appendix 2 [Reporting Requirements] to the Contract hereto, in the form, in the numbers and within the time periods set forth in the said Appendix 2. Final reports shall be delivered in electronic forms acceptable to the client in addition to the hard copies specified in the said Appendix.
41. Proprietary Rights on Documents Prepared by the Consultant	41.1	All plans, maps, diagrams, drawings, specifications, designs, statistics, reports, other documents, data and software compiled or prepared by the Consultant for the Client under this Contract shall become and remain the absolute property of the Client, and the Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Client, together with a detailed inventory. The Consultant may retain a copy of such documents and software, and use such software for their own use with the prior written approval of the Client. If license contracts are necessary or appropriate between the Consultant and third parties for purposes of the development of any such computer programs, the Consultant shall obtain the Client's prior written approval to such contracts, and the Client shall be entitled, at its sole discretion, to require recovering the expenses related to the development of the program(s) concerned. Other restrictions about the future use of these documents and software, if any, shall be specified in the SCC.
42. Proprietary Rights on Equipment and Materials Furnished by the Client.	42.1	Equipment, tools and materials made available to the Consultant by the Client, or purchased by the Consultant wholly or partly with funds provided by the Client, shall be the property of the Client and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the Client an inventory of such equipment and materials and shall dispose of such equipment and materials in accordance with the Client's instructions. While in possession of such equipment and materials, the Consultant, unless otherwise instructed by the Client in writing or in electronic forms which provide record of the content of that communication, shall insure them at the expense of the Client in an amount equal to their full replacement value.
43. Performance	43.1	The Consultant shall provide at his cost a Performance

Security		Security to guarantee the faithful performance of consultant's obligations under this Contract. The performance security shall be payable to the Client as compensation for any loss resulting from the Consultant's failure to complete its obligations under this Contract. The Performance Security shall be discharged by the Client and returned to the Consultant not later than twenty eight (28) days following the date of completion of the Consultant's performance obligations and issuance. Performance Security shall be in the amount and currency specified in the SCC.
44. Liquidated Damages	44.1	If the Consultant fails to deliver any or all of the Services within the period(s) specified in this Contract, the Client shall, without prejudice to its other remedies under this Contract and under the Applicable Law, deduct from the Contract Price, as liquidated damages, a sum equivalent to one-tenth of one percent of the price of the unperformed portion of the Services for each day of delay based on the approved contract schedule up to a maximum deduction of an amount equivalent to the Performance Guarantee. Where the sum of liquidated damages exceeds an equivalent to the Performance Guarantee, the Client may terminate the Contract, without prejudice to other courses of action and remedies open to it.
	44.2	The Client shall terminate the contract and then forfeit the Consultant's Performance Security and take over the execution of the contract or award the same to a qualified Consultant through negotiation, if the delay in the completion of the services exceeds ten (10%) percent of the specified contract time plus any time extension duly granted to the Consultant.
		<b>E. Obligations of the Client</b>

45. Assistance and Exemptions	45.1	<p>The Client shall use its best efforts to ensure that the Government shall:</p> <ul style="list-style-type: none"> <li>(a) Provide the Consultant, Sub-Consultants and Personnel with documents as shall be necessary to enable the Consultant, Sub-Consultants or Personnel to perform the Services;</li> <li>(b) issue to officials, agents and representatives of the Government all such instructions as may be necessary or appropriate for the prompt and effective implementation of the Services;</li> <li>(c) assist the Consultant in obtaining necessary licenses and permits needed to carry out the services; and</li> <li>(d) provide to the Consultant, Sub-Consultants and Personnel any such other assistance as may be specified in the SCC.</li> </ul>
46. Access to project site	46.1	<p>The Client warrants that the Consultant shall have, free of charge, unimpeded access to all land in respect of which access is required for the performance of the Services. The Client shall, however, be responsible for any damage to such site or any property thereon resulting from such access, and will indemnify the Consultant and each of the Personnel in respect of liability for any such damage, unless such damage is caused by the default or negligence of the Consultant or any Sub Consultant or the Personnel of either of them.</p>
47. Change in the Applicable Law Related to Taxes and Duties	47.1	<p>If, after the date of signing of the Contract, and during the performance of the Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by contract between the Parties hereto, and corresponding adjustments shall be made to the ceiling amount specified in GCC 51.2 [Cost Estimate of Services: Ceiling Amount].</p>

48. Services, Facilities and Property of the Client	48.1	The Client shall make available to the Consultant and the Personnel, for the purposes of the Services and free of any charge, the services, facilities and property described in Appendix 5A to the contract at the times and in the manner specified in said Appendix 5A.
	48.2	In case that such services, facilities and property shall not be made available to the Consultant as and when specified in Appendix 5A to the contract, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Consultant for the performance of the Services, (ii) the manner in which the Consultant shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Consultant as a result pursuant to GCC 51.3 hereinafter.
49. Payment	49.1	In consideration of the Services performed by the Consultant under this Contract, the Client shall make to the Consultant such payments and in such manner as is provided by GCC 51 to 58 [Payments to the Consultants] of this Contract.
50. Counterpart Personnel	50.1	The Client shall make available to the Consultant free of charge such professional and support counterpart personnel, to be nominated by the Client with the Consultant's advice, if specified in Appendix 5B to the contract.
	50.2	If counterpart personnel are not provided by the Client to the Consultant as and when specified in Appendix 5B, the Client and the Consultant shall agree on <ul style="list-style-type: none"> <li>(a) how the affected part of the Services shall be carried out, and</li> <li>(b) the additional payments, if any, to be made by the Client to the Consultant as a result pursuant to GCC 51.3 [Cost Estimate of Services: Ceiling Amount].</li> </ul>
	50.3	Professional and support counterpart personnel, excluding Client's liaison personnel, shall work under the exclusive direction of the Consultant. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied

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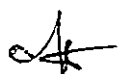
		by such member, the Consultant may request the replacement of such member, and the Client shall not unreasonably refuse to act upon such request.
<b>F. Payments to the Consultants</b>		
51. Cost Estimate of Services: Ceiling Amount	51.1	An estimate of the cost of the Services is set forth in Appendix 6 to the contract.
	51.2	Except as may be otherwise agreed under GCC 22 [Modifications or Variations] and subject to GCC 51.3, payments under this Contract shall not exceed the ceiling specified in the SCC.
	51.3	Notwithstanding GCC 51.2, if pursuant to any of the 48 [Services, Facilities and Property of the Client], GCC 52 [Payments: General], or GCC 50 [Counterpart Personnel], the Parties shall agree that additional payments as the case may be, shall be made to the Consultant in order to cover any necessary additional expenditures not envisaged in the cost estimate referred to in GCC 51.1 above, the ceiling set forth in GCC 51.2 above shall be increased by the amount of any such additional payments.
52. Payments: General	52.1	All payments under this Contract shall be made to the account of the Consultant specified in the SCC.
	52.2	Payments in respect of remuneration or reimbursable expenses, which exceed the cost estimates for these items as set forth in Appendix 6 to the contract, may be charged to the contingency provided for only if the Client approved such expenditures prior to being incurred.
	52.3	With the exception of the final payment under GCC 58 [Final Payment], payments do not constitute acceptance of the Services nor relieve the Consultant of any obligations.
53. Remuneration and Reimbursable Expenses	53.1	Subject to the ceiling specified in GCC 51.2, the Client shall pay to the Consultant <ul style="list-style-type: none"> <li>(a) Remuneration as set forth in GCC 53.2; and</li> <li>(b) Reimbursable Expenses as set forth in GCC 53.3.</li> </ul> <p>Unless otherwise specified in the SCC, the said remuneration shall be fixed for the duration of the Contract.</p>
	53.2	Remuneration for the Personnel shall be determined on



		the basis of time actually spent by such Personnel in the performance of the Services after the date determined in accordance with GCC 20 and SCC (or such other date as the Parties shall agree in writing), at the rates referred to in the SCC and subject to price adjustment, if any, specified in the SCC.
	53.3	Reimbursable expenses actually and reasonably incurred by the Consultant in the performance of the Services, as specified in the SCC.
	53.4	The remuneration rates referred to under Clause 53.1(a) above shall cover: <ul style="list-style-type: none"> <li>(c) such salaries and allowances as the Consultant shall have agreed to pay to the Personnel; as well as</li> <li>(d) factors for social charges and overhead (bonuses or other means of profit-sharing shall not be allowed as an element of overhead), and</li> <li>(e) the Consultant's fee.</li> </ul>
	53.5	Remuneration for periods of less than one (1) month shall be calculated on a calendar-day basis for time spent on the assignment (one (1) day being equivalent to 1/30 <sup>th</sup> of a month).
54. Modes of Payment	54.1	Payments in respect of the Services shall be made as specified in GCC Clauses 55 to 57.
55. Currency of Payment	55.1	The currency of payments shall be Tanzania Shillings.
	55.2	Notwithstanding provision of GCC 55.1, if the Contract provides for payment of the Contract Price in more than one currency, the amount payable in each of the applicable currencies shall be specified in the SCC.

56. Advance Payment	56.1	<p>If so specified in the SCC and upon request by the consultant, an Advance Payment shall be made to the Consultant, of the amount and within the number of days after the Effective Date as specified in the SCC. The advance payment shall be made against the provision of a Bank Guarantee by the Consultant which shall:</p> <ul style="list-style-type: none"> <li>a). remain effective until the Advance Payment has been fully offset; and</li> <li>b). be in the format as shown in Appendix 7.</li> </ul>
	56.2	<p>The Advance Payment will be offset by the Client in equal instalments against the statements for the number of months of the Services specified in the SCC until said Advance Payment has been fully offset.</p>
57. Interim Payments	57.1	<p>As soon as practicable and not later than fifteen (15) days after the end of each calendar month during the period of the Services, or after the end of each time intervals otherwise indicated in the SCC, the Consultant shall submit to the Client, in duplicate, an itemized statement, accompanied by copies of invoices, vouchers and other appropriate supporting materials, of the amounts payable pursuant to GCC 53 to 57 for such month, or any other period indicated in the SCC. Each statement shall distinguish that portion of the total eligible costs which pertains to remuneration from that portion which pertains to reimbursable expenses.</p>
	57.2	<p>The Client shall pay the Consultant's statements <b>within thirty (30) days</b> after the receipt by the Client of such statements with supporting documents. Only such portion of a statement that is not satisfactorily supported may be withheld from payment.</p>
	57.3	<p>Should any discrepancy be found to exist between actual payment and costs authorized to be incurred by the Consultant, the Client may add or subtract the difference from any subsequent payments. Interest at the annual rate specified in the SCC shall become payable as from the above due date on any amount due by, but not paid on, such due date.</p>

58. Final Payment	58.1	The final payment under this Clause shall be made only after the final report and a final statement, identified as such, shall have been submitted by the Consultant and approved as satisfactory by the Client. The Services shall be deemed completed and finally accepted by the Client and the final report and final statement shall be deemed approved by the Client as satisfactory sixty (60) days after receipt of the final report and final statement by the Client unless the Client, within such sixty (60) day period, gives written notice to the Consultant specifying in detail deficiencies in the Services, the final report or final statement. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated until such time as the final report and the final statement have been approved by the Client.
59. Suspension of Payments	59.1	The Client may, by written notice of suspension to the Consultant, suspend all or part of the payments to the Consultant if the Consultant fails to perform any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension:  <ul style="list-style-type: none"> <li>(a) shall specify the nature of the failure, and</li> <li>(b) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) days after receipt by the Consultant of such notice of suspension.</li> </ul>
<b>G. Time Control</b>		
60. The Services to be Completed by the Intended Completion Date	60.1	The Consultant shall carry out the Services in accordance with the Programme submitted by the Consultant, as updated with the approval of the Client and complete them by the Intended Completion Date.
61. Early Warning	61.1	If at any time during performance of the Contract, the Consultant or its Sub-Consultants should encounter events, circumstances or conditions that may adversely affect the quality of the work, increase the cost of Services or delay the execution of the Services, the Consultant shall promptly notify the Client in writing or in electronic forms that provide record of the content of the communication of the delay, its likely duration, and its cause. As soon as practicable after receipt of the



		Consultant's notice, the Client shall evaluate the situation, and the Consultant shall cooperate with the Client in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced.
62. Extension of the Intended Completion Date	62.1	In the event the Consultant is unable to complete the assignment by the Intended Completion Date it may request the Client to extend the Intended Completion Date giving reasons. The Client shall extend the Intended Completion Date if the reasons given by the Consultant are found acceptable. The Client shall, however, decide by how much to extend the Intended Completion Date with or without cost.
63. Progress Meetings	63.1	The Client and the Consultant shall arrange progress meetings at regular intervals to review the progress of services. The meeting may review the plans for dealing with matters raised in accordance with the early warning procedure.
	63.2	The Client shall record the business of progress meetings and provide copies of the minutes to those attending the meeting and to the Consultant for action. The Minutes and records under this sub-clause shall be signed by the Parties.

<b>H. Good Faith and Fairness in Operation</b>		
64. Good Faith	64.1	The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.
65. Fairness in Operation	65.1	The Parties recognize that it is impractical in the Contract to provide for every contingency which may arise during the life of the Contract, and the Parties hereby agree that it is their intention that this Contract shall operate fairly as between them, and without detriment to the interest of either of them, and that, if during the term of this Contract either Party believes that this Contract is operating unfairly, the Parties will use their best efforts to agree on such action as may be necessary to remove the cause or causes of such unfairness, but no failure to agree on any action pursuant to this Clause shall give rise to a dispute subject to arbitration in accordance with GCC -77.2 [Settlement of Disputes: Arbitration].
<b>I. Termination and Settlement of Disputes</b>		
66. Termination for Default	66.1	The Client or the Consultant, without prejudice to any other remedy for breach of Contract, by notice of default sent to the other party, may terminate the Contract in whole or in part if the other party causes a fundamental breach of contract. In such an occurrence one party shall give not less than thirty (30) days' written notice of termination to the other party.
	66.2	Where a contract is for a period of less than 90 days, one party shall give written notice of termination to the other party by not less than a number of days as specified in the SCC.
	66.3	Fundamental breaches of the contract shall include but shall not be limited to, the following: <ul style="list-style-type: none"> <li>(a) If the Consultant fails to remedy a failure in the performance of their obligations , as specified in a notice of suspension pursuant to GCC 59 [Suspension of payments] hereinabove, within thirty (30) days of receipt of such notice of suspension or within such further period as the Client may have subsequently approved in writing or in electronic forms that provide record of the</li> </ul>



	<p>content of the communication;</p> <p>(b) If the Consultant submits to the Client a statement which has a material effect on the rights, obligations or interests of the Client and which the Consultant knows to be false;</p> <p>(c) If the Consultant, in the judgment of the Client, has engaged in corrupt or fraudulent practices in procurement proceedings or executing this Contract;</p> <p>(d) Without prejudice to any other remedy, if the Consultant or the Client fails to comply with any final decision reached as a result of arbitration proceedings pursuant to GCC 77.2 [Settlement of Disputes];</p> <p>(e) If the Client fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to GCC 77.2 [Settlement of Disputes] within forty-five (45) days after receiving written notice from the Consultant that such payment is overdue; or</p> <p>(f) If the Client is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Consultant may have subsequently approved in writing or in electronic forms that provide record of the content of the communication) following the receipt by the Client of the Consultant's notice specifying such breach.</p>
66.4	<p>The Client shall terminate the contract and then forfeit the Consultant's Performance Security and take over the execution of the contract or award the same to a qualified Consultant through negotiation, if the delay in the completion of the services exceeds ten (10%) percent of the specified contract time plus any time extension duly granted to the Consultant.</p>



67. Termination for Insolvency	67.1	<p>The Client and the Consultant may at any time terminate the Contract by giving notice to the other party if:</p> <ul style="list-style-type: none"> <li>(a) the Client becomes bankrupt or otherwise insolvent;</li> <li>(b) the Consultant becomes (or, if the Consultant consist of more than one entity, if any of its Members becomes) insolvent or bankrupt or enter into any contracts with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary; or</li> <li>(c) in such event, termination will be without compensation to any party, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the other party.</li> </ul>
68. Termination for Convenience	68.1	<p>The Client, by notice sent to the Consultant, may in its sole discretion and for any reason whatsoever, terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Client's convenience, the extent to which performance of the Consultant under the Contract is terminated, and the date upon which such termination becomes effective.</p>
69. Termination because of Force Majeure	69.1	<p>The Client and the Consultant may at any time terminate the Contract by giving notice to the other party if, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.</p>
70. Force Majeure	70.1	<p>For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party's performance of its obligations impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm,</p>

		flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.
	70.2	Force Majeure shall not include any: <ul style="list-style-type: none"> <li>(a) event which is caused by the negligence or intentional action of a Party or such Party's Sub-Consultants or agents or employees, or</li> <li>(b) event which a diligent Party could reasonably have been expected both to take into account at the time of the conclusion of this Contract, and avoid or overcome in the carrying out of its obligations .</li> </ul>
	70.3	Force Majeure shall not include insufficiency of funds or failure to make any payment required.
71. No Breach of Contract	71.1	The failure of a Party to fulfil any of its obligations shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.
72. Measures to be taken on Force Majeure	72.1	A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.
	72.2	A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.
	72.3	Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.



	72.4	<p>During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant, upon instructions by the Client, shall either:</p> <ul style="list-style-type: none"><li>(a) demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Client, in reactivating the Services; or</li><li>(b) Continue with the Services to the extent possible, in which case the Consultant shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.</li></ul>
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73. Cessation of Rights and Obligations	73.1	<p>Upon termination of the Contract pursuant to GCC 19 [Termination of Contract for Failure to Become Effective], GCC 66 [Termination for Default], GCC 67 [Termination for Insolvency], GCC 68 [Termination for Convenience] or GCC 69 [Termination because of Force Majeure] , or upon expiration of this Contract pursuant to GCC 21 [Expiration of Contract], all rights and obligations of the Parties shall cease, except</p> <ul style="list-style-type: none"> <li>(a) such rights and obligations as may have accrued on the date of termination or expiration;</li> <li>(b) the obligation of confidentiality set forth in GCC 35 [Confidentiality] ;</li> <li>(c) the Consultant's obligation to permit inspection, copying and auditing of their accounts and records set forth in GCC 38 [Accounting, Inspection and Auditing]; and</li> <li>(d) any right which a Party may have under the Applicable Law.</li> </ul>
74. Cessation of Services	74.1	<p>Upon termination of the Contract by notice of either Party to the other pursuant to GCC 66 [Termination for Default], GCC 67 [Termination for Insolvency], GCC 68 [Termination for Convenience] or GCC 69 [Termination because of Force Majeure], the Consultant shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultant and equipment and materials furnished by the Client, the Consultant shall proceed as provided, respectively, by GCC 41 [Proprietary Rights on Documents Prepared by the Consultant] or GCC 42 [Proprietary Rights on Equipment and Materials Furnished by the Client].</p>
75. Payment upon Termination	75.1	<p>Upon termination of the Contract pursuant to GCC 66 [Termination for Default], GCC 67 [Termination for Insolvency], or GCC 69 [Termination because of Force Majeure], the Client shall make the following payments to the Consultant:</p> <ul style="list-style-type: none"> <li>(a) remuneration pursuant to GCC 53.2</li> </ul>

		<p>[Remuneration and Reimbursable Expenses] for Services satisfactorily performed prior to the effective date of termination, and reimbursable expenditures pursuant to GCC 53.3 [Remuneration and Reimbursable Expenses] for expenditures actually incurred prior to the effective date of termination; and</p> <p>(b) except in the case of termination on the Consultant's default, reimbursement of any reasonable cost incidental to the prompt and orderly termination of this Contract.</p> <p>Payment to the Consultant under GCC 75.1 shall be effected upon submission of a claim by the Consultant and subject to an assessment made by the Client. Consultant shall submit claim within 30 days from the effective date of termination.</p>
76. Disputes about Events of Termination	76.1	If either Party disputes whether an event specified in GCC 66 [Termination for Default], GCC 67 [Termination for Insolvency], or GCC 69 [Termination because of Force Majeure] has occurred, such Party may, within forty-five (45) days after receipt of notice of termination from the other Party, refer the matter to arbitration pursuant to GCC 77 [Settlement of Disputes], and this Contract shall not be terminated on account of such event except in accordance with the terms of any resulting arbitral award.
	76.2	In the case of discontract between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to GCC 77 [Settlement of Disputes].
77. Settlement of Disputes	77.1	<p><u>Amicable Settlement</u></p> <p>(a) The Client and the Consultant shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.</p>
	77.2	<p><u>Arbitration</u></p> <p>(a) Any dispute between the Parties as to matters arising pursuant to this Contract which cannot be settled amicably within twenty eight (28) days after receipt by one Party of the other Party's request for such amicable settlement may be submitted by either Party for arbitration in accordance with the</p>

		provisions and the place specified in the SCC.
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The Appendices.

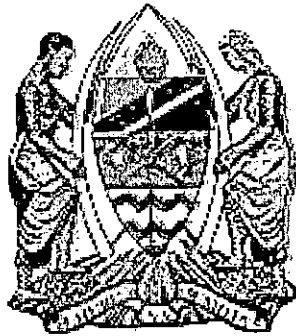
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Appendix 1: Terms of Reference



THE UNITED REPUBLIC OF TANZANIA

**MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT  
GENDER, ELDERLY AND CHILDREN**



**TERMS OF REFERENCE**

**FOR**

**THE CONSULTANCY SERVICES FOR DESIGN REVIEW AND CONSTRUCTION  
SUPERVISION SERVICES OF HEALTH FACILITIES AT MIREMBE MENTAL  
HEALTH SPECIALIZED HOSPITAL**

*Drawn by:*

Ministry of Health, Community Development  
Gender, Elderly and Children (MOHCDGEC),  
Government City, Mtumba,  
AFYA Avenue,  
P.o.Box 743,  
40478 DODOMA

October, 2021

- iv). To undertake contract management and supervision of the works to be executed and,
- v). To prepare maintenance plan of the building(s).

### 3.0 Scope of assignment and Terms of Reference

The entire scope of the assignment is divided into two major packages;

#### a) Pre- Contract stages -Design Review of construction/renovation documents.

- i). To carry out detailed design review in duration parallel to contractor's programme of work execution at site as shall be guided by the Client's scope to get the best hospital design requirements and facilities of its kind in the region with highest standards of architectural and engineering quality, facilities that function in the best and most competitive manner, facilities that use innovative solutions to attain natural sources with a sustainable and energy efficient.

The finished product that is the building (s) should possess value – for – money and fully delivered within the available budget and given time which will be discussed before guiding on post contract activities but not limited to the following;

- ii). To ensure preliminary collection of information related to construction of respective facilities from the client and prepare a design brief within the budget ceiling
- iii). To carry out the Design Review comprising of the production and submission of drawings and all necessary details for; Architectural and Engineering Designs including Structural Design, Electrical Services, Plumbing and Services, Mechanical Installation, ICT, Cooling systems, fire detection and alarm systems and the like.
- iv). To agree with the Client on all relevant issues pertaining to the works to be executed.
- v). Getting Client's approval for each and every stage attained both during review stage and supervision stage.
- vi). To preparation and submit tentative Program of Work two (2) weeks from the receipt of these TOR for undertaking the Pre-Contract stage as stated in (i & ii) above to complete this phase assignment.
- vii). Studying thoroughly (i.e. analyze) the given guiding information including drawings and come up with any recommendations for improvement.
- viii). In collaboration with Client (Project Coordination team and PMU) prepare tender documents.
- ix). Preparation of Conceptual, Scheme and Detailed Designs for the new construction works



- viii). Prepares schedule of technical, consultative, and coordination meetings for the project.
- ix). Prepares schedule for stakeholder's meetings, preferably on quarterly bases.
- x). Prepares as built drawings of the building and all installations to the project.
- xi). Prepare/submit certificate of conformity and Maintenance Operation Manual
- xii). To ensure that construction work is done in accordance with the drawings and that all specifications and quality of material used adhere to as specified in the contract documents
- xiii). To supervise the contract on behalf of the client so that the project is completed on time and within the set budget cost whilst ensuring high quality workmanship
- xiv). To advise the client on matters related to legal framework of the contract and provide early warning on the likeness of breach of the contract by the contractor
- xv). To assume the role of a project manager and ensure that all matters pertaining to the international standards of workmanships and in accordance with the National Construction Council (NCC) requirements are adhered to.
- xvi). To undertake quality tests for the inputs used by the contractor (Facilitate third-party inspection and tests to verify that design and operational parameters have been met)
- xvii). Contract Administration from Commencement of the Works to completion of the Project including Defects Liability Period.
- xviii). Provide regular inspection of the works thus ensuring quality of the works in accordance with the provisions of the contract documents. In so doing, issue all necessary Instructions (Architect's/Engineer's Instructions) to clarify on conflicting contractual documentation, give further details and as a result of the contractors' technical query.
- xix). Indemnify the client against all risks involved with the execution of the works by submitting an Indemnity Insurance Bond within fourteen days after signing of the contract and before commencement of the service. Expiration of the Indemnity Insurance Bond shall be Twenty-eight (28) days after the Official Project/Construction Completion Date.
- xx). Provide full Quality Assurance and Control of the Construction Works and materials used ensuring adherence to Design, Standards, Specifications and best construction/professional practice.
- xxi). Inspect and approve materials delivered.
- xxii). Monitor Progress of the works against the Program of works and advise the client accordingly.
- xxiii). Prepare and submit any additional information as shall be required by the client with and including drawings and technical specifications.

- iv). All Bills of Quantities and/or Schedule of Materials should be submitted in Excel and PDF formats.
- v). All hardcopies should be submitted in **three** originals and **one** copy.
- vi). Submission of any other required information as shall be needed for enabling the project development.
- vii). As Built Drawings shall be submitted in A2 format within twelve weeks after the date of the substantial completion of project.

#### **4.2 During design review and construction supervision stage**

The Consultant shall prepare and submit to Client reports and documents listed below, in English, and in a format acceptable and approved by the Client in hardcopies according to the numbers indicated under the respective reports. Each hardcopy shall be accompanied with an electronic copy saved in a flash disk. Electronic copies shall be in Word and Adobe PDF format or any other format which is acceptable by the client and not otherwise. All identified reports and documents relevant to these services, including maps, field survey notes, are patented to and properties of the Client.

##### **4.2.1 Inception Report**

The Consultant shall prepare an Inception Report Five (5) days after the commencement date of this assignment. This report shall include results of the review of the given guiding drawings, any modifications thereto, status of the consultant and any other matter requiring the Client's action. This report shall be prepared and submitted with four (4) copies to the Client.

##### **4.2.2 Monthly Progress Reports**

The Consultant shall prepare progress reports every month within five (5) days after the end of each reporting period for the duration of the Supervision Contract. These are to be submitted in 4 copies and should reach the Client not later than 15 days after the end of the month being reported on.

These reports shall cover:

- i) Summary of relevant Consultant's and Contractor's Contract data, both financial and physical status.
- ii) Physical and financial progress of the Works and comparisons with as-scheduled.
- iii) Works Progress, in tabular and graphical form
- iv) Quality of the specifics in the construction progressions.
- v) Environmental, health and safety issues and mitigation measures
- vi) Discussion of major challenges and recommendations to address the affecting challenges.
- vii) Program for the coming month, and revised program for the completion of the Project, if any

- vii) Set of As Built Drawings.
- viii) Relevant comments on the Project that may help in the future implementation of similar projects;
- ix) Approval of the Contractor's submission of As-built drawings in both pdf and source data format;
- x) Important Project records, properly indexed and presented as annexes to the Main Report and all data in pdf form on CDs
- xi) Picture album in hard copy and electronic formats.
- xii) List of the **lessons learnt** in terms of Contract Management-Scope, Cost, Time and Quality Control management by all parties involved into the project as acknowledged during execution of the works that would assist the Client to nurture well the coming projects.

#### **4.2.5 Special Reports**

In addition to the above reports, the Consultant shall prepare and submit to Client other reports as shall be demanded by the employer at any given period of time.

#### **4.2.6 Additional Services**

The Consultant shall provide any other additional services if so requested by the Client, at rates and under conditions applicable in the Supervision Contract.

#### **4.2.7 Defects Liability period**

The Consultant tasks shall include:

- i) To ensure the contractor prepares and submit as-built Drawings
- ii) To prepare and submit as-built Drawings.
- iii) To secure/compile Maintenance and Operational Manuals, Occupation Permits, fire protection certificates and factory inspector's certificates for the proper commissioning of the completed/built premises.
- iv) To prepare Final Account of the project.
- v) To prepare schedule of Defects and supervise rectification Works.
- vi) To prepare Final Completion Report.
- vii) To prepare maintenance schedule for the building

#### **5.0 DURATION OF ASSIGNMENT**

The overall duration of the assignment to be determined during implementation as the project planned to be executed in phases. However, due to time limit the consultant should fast tracking the design process with the relevant bidding documents parallel to contractor's programme of work execution at site within a period of 45 days. The consultant will supervise the construction works prorate to contractor contract.

#### **6.0 Remuneration for the assignment**

NHIF Tower,  
6th Floor  
Mobile Number: +255754343134  
E-mail: archipaulus@gmail.com.

## **8.2 Coordination, Monitoring, Liaise and Assistance**

- 8.2.1 The Client shall avail as required to the consultant any other document as shall be needed and available upon requested by the consultant.
- 8.2.2 The consultant shall work in collaboration with the Building Unit at the Ministry of Health, Community Development, Gender, Elderly and Children who will throughout the assignment be responsible for ensuring all construction works status and all deliverables are in place whilst advising the Permanent Secretary – MOHCDGEC on the most appropriate decision to release for the best interest of the project.
- 8.2.3 The client shall appoint and remunerate the Clerk of Works who shall be stationed at site and work for and on behalf of the client and will liaise with the consultant, contractor, Medical Officer In-Charge and Regional Secretariat working very closely with the Building Unit of the MOHCDGEC.

## **8.3 Decisions**

- 8.3.1 The Client shall review and make decisions on all Consultants' recommendations and other matters properly referred to him by the Consultant and avail rational decision within reasonable time so as not to impede the design and supervision processes and timing.
- 8.3.2 In the event of serious non-performance on the consultant's side and prior to any amicable settlement, the Client's Building Unit will assume full responsibility of supervising the works.
- 8.3.3 The Consultant shall at no reservation submit to the Client all project's documents within seven (7) days from the date in communication being it verbally or in a written form of the client's dissatisfaction of the consultant's performance.

## **9.0 Responsibilities of the Consultant**

Further to above, the Consultant shall cooperate fully and liaise with the Client, all relevant Government and other agencies on matters pertaining to the

## **12.0 Equipment, vehicles and materials**

12.1 Equipment, vehicles and materials furnished to the Consultant by the Client or purchased by the Consultant with funds wholly supplied or reimbursed by the Client shall be the property of the Client and shall be so marked and return unconditionally to the Client after the completion of the project.

12.2 Upon completion or termination of the services, the Consultant shall return and furnish to the Client inventories of vehicles, all the equipment and materials referred to (12.1) above.

## **13.0 Activity Schedule**

13.1 Activity Schedule for this assignment shall be included in the Consultant's Proposal together with the communication strategy and implementation plan.

## **14.0 QUALIFICATION AND EXPERIENCE OF THE CONSULTANT**

The consultancy firm must have a minimum of five (5) years experience in managing projects of similar nature and size. To qualify for this assignment, the consultant must be capable and Registered with Tanzanian Professional Boards aregistered. Furthermore the firm must have the following Staff:-

## **15.0 STAFFING**

15.1 It is envisaged that the Consultant will engage competent, qualified professionals to carry out the consultancy work. The composition of the team should include the following staff and the Consultant will make justifiable alterations to the suggested composition of the team:-

<b>S/N</b>	<b>Professional</b>	<b>Minimum Requirements</b>
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16

9.	Land Surveyor	1.Degree in Land Surveying 2.10 Yrs Experience in Land Surveying 3.Registered with Engineers Registration Board as Consulting Engineer
10.	Environmental Engineer	1.Degree in Environmental Engineering or Environmental Management 2.10Yrs Experience in Environmental Engineering 3.Registered with Engineers Registration Board as Consulting Engineer

#### **15.2 Team Leader**

The Project Team Leader will be responsible for the preparation of detailed design incorporating the design work done by the other Consultants and prepare all necessary production drawings with all details and specifications necessary for preparation of Bills of Quantities and for Construction.

#### **15.3 Project Architect**

The Project Architect will be responsible for the preparation of detailed design incorporating the design work done by the other Consultants and prepare all necessary production drawings with all details and specifications necessary for preparation of Bills of Quantities and for Construction.

#### **15.4 Project Quantity Surveyor**

The Quantity Surveyor will be responsible for the preparation of a detailed cost estimate based upon priced bills of quantities in line with the budget allocation. The QS will also compile the Tender documents in readiness for tender action in line with the Public Procurement Act (2011) and its regulations.

#### **15.5 Project Electrical Engineer**

The Electrical Engineer will be responsible for the preparation of electrical engineering drawings and specifications necessary for the preparation of tender bills of quantities and for construction.

#### **15.6 Project Mechanical Engineer**

The Mechanical Engineer will be responsible for the preparation of the mechanical engineering drawings and specifications necessary for the preparation of tender bills of quantities and for construction.

#### **15.7 Project Civil/Structural Engineer**

The Civil/Structural Engineer will be responsible for the preparation of the structural / civil engineering drawings and specifications necessary for the preparation of tender bills of quantities and for construction.

#### **15.8 Project ICT Engineer**

The Project ICT Engineer will be responsible for the preparation of ICT drawings and specifications necessary for the preparation of tender bills of quantities and for construction.

Appendix 4 : Letter of Acceptance



Ref. No. PSM/MOH/MIR/01/2021

Date: 10<sup>th</sup> December, 2021

Permanent Secretary  
Ministry of Health, Community Development,  
Gender, The Elder and Children,  
P.O. Box 743,  
DODOMA.



Dear Sir,

**RE: NOTIFICATION OF CONTRACT AWARD FOR TENDER NO ME/007/2021-2022/HQ/C/71 PROVISION OF CONSULTANCY SERVICES FOR REHABILITATION AND RENOVATION OF MIREMBE MENTAL HOSPITAL PROCUREMENT UNDER TANZANIA COVID 19N SOCIAL ECONOMIC RECOVERY PLAN (TCRP)**

**Sub: Acceptance Letter**

We refer to your letter with Ref. No. CAB 209/549/01/219 dated 3<sup>rd</sup> December 2021.

We acknowledge and accept your award for the above mentioned project for the contract sum of TZS 300,000,000.00 VAT Inclusive (Tanzania Shillings Three Hundred Million Only).

We remain.

**Yours faithfully,  
PSM ARCHITECTS CO. LTD**

A handwritten signature in black ink, appearing to read 'Peter Matinde', written over a horizontal line.

**Arch. Peter Matinde  
MANAGING DIRECTOR**

cc. CQS Services Ltd  
Technicon Ltd  
McCplan Consulting Engineers Ltd

PSM - ARCHITECTS  
CO. LIMITED

architects planners,  
CAD consultants

Baraza la Kiswahili la Taifa  
BAKITA  
Block no. 45, Plot no. 78  
(BKT/UTW/BUILD/04)  
Ali Hassan Mwinyi Road/  
Salimin Amour Street  
Kijitonyama

P. O. Box 76862  
DAR ES SALAAM  
TANZANIA

Tel: +255 22 2761228  
Fax: +255 22 2761229

E-mail : info@psm.co.tz

directors

P S MATINDE  
B. Arch MAAT  
matinde@psm.co.tz  
Cell: +255 787 270 120

A S SEMPOLI  
Dip Arch MAAT  
sempoli@psm.co.tz  
Cell: +225 754 435 311

REGISTERED IN  
TANZANIA NO. 32435

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THE UNITED REPUBLIC OF TANZANIA  
MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT, GENDER,  
ELDERLY AND CHILDREN

Telegrams: "AFYA", DODOMA  
Telephone: +255 026 2323267  
Email: Ps@afya.go.tz.  
(All letters should be addressed to  
The Permanent Secretary)



Government City- Mtumba  
Afya Street  
P. O. Box 743  
40478 DODOMA

Ref. No. CAB 209/549/01/219

3<sup>rd</sup> December, 2021

PSM ARCHITECTS CO LTD  
P.O Box 76862  
DAR ES SALAAM.

**RE: NOTIFICATION OF CONTRACT AWARD FOR TENDER NO TENDER NO.  
ME/007/2021-2022/HQ/C/71 PROVISION OF CONSULTANCY SERVICES  
FOR REHABILITATION AND RENOVATION OF MIREMBE MENTAL  
HOSPITAL PROCUREMENT UNDER TANZANIA COVID 19 SOCIAL  
ECONOMIC RECOVERY PLAN (TCRP)**

Reference is made to the above heading.

2. Please be informed that, your Tender No: **ME/007/2021-2022/HQ/C/71** submitted was approved by Ministerial Tender Board held on 3<sup>rd</sup> December 2021.

3. The contract is hereby accepted by the Ministry of Health Community Development, Gender, Elderly and Children at a Contract sum of **Tanzania Shillings Three Hundred Million (300,000,000) Inclusive of Local.**  
Thank you for your cooperation.

A handwritten signature in black ink, appearing to read 'Tumainiel E. Macha'.

Tumainiel E. Macha  
**ACTING PERMANENT SECRETARY (HEALTH)**

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Appendix 2: Key Expert



**PETER S. MATINDE - CV**

Curriculum Vitae for each Proposed Professional Staff:

1.	<b>PROPOSED POSITION FOR THIS PROJECT:</b>	Team Leader/Architect			
2.	<b>NAME OF PERSON:</b>	Peter Sango Matinde			
3.	<b>DATE OF BIRTH:</b>	February, 1958			
4.	<b>NATIONALITY:</b>	Tanzanian.			
5.	<b>MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS:</b>	<ul style="list-style-type: none"> <li>Registered Architect with the Architects and Quantity Surveyors Registration Board.</li> <li>Corporate Member of the architectural association of Tanzania MAAT.</li> </ul>			
6.	<b>EDUCATION</b>	<ul style="list-style-type: none"> <li>1988 – 1990: Bachelor of Architecture (RIBA Part II), Strathclyde University, Glasgow – United Kingdom</li> <li>1983 – 1986: Bachelor of Arts in Architectural Studies (RIBA Part I), Liverpool University – United Kingdom</li> <li>1993: Business Studies at Caledonian University, Glasgow – United Kingdom.</li> </ul>			
7.	<b>OTHER TRAINING</b>	1989: Computer Aided Design and Drafting at Strathclyde University			
8.	<b>LANGUAGES &amp; DEGREE OF PROFICIENCY:</b>	<b>Language:</b>	<b>Spoken</b>	<b>Written</b>	<b>Reading</b>
		English	Fluent	Excellent	Excellent
		Swahili	Fluent	Excellent	Excellent
9.	<b>COUNTRIES OF WORK EXPERIENCE</b>	United Kingdom and Tanzania			
<b>10. EMPLOYMENT RECORD</b>					
<b>EMPLOYER 1</b>	<b>PSM ARCHITECTS CO. LTD.</b> Managing Director and Senior Architect <ul style="list-style-type: none"> <li>Responsible for feasibility studies, preparation of sketch design, working drawings and supervising the projects</li> <li>Responsible for Computer Aided Design (CAD) facilities.</li> </ul>	<b>FROM</b>	<b>TO</b>		
		1997	To date		
<b>EMPLOYER 2</b>	<b>Sumar Varma &amp; Associates</b> Senior Architect <ul style="list-style-type: none"> <li>Responsible for Administration and Supervision of various projects undertaken by the company.</li> </ul>	<b>FROM</b>	<b>TO</b>		
		1995	1997		
<b>EMPLOYER 3</b>	<b>Clause Bremer Associates Ltd, Architects &amp; Planners</b> Architect <ul style="list-style-type: none"> <li>Responsible for Administration and Supervision of various projects undertaken by the company.</li> </ul>	<b>FROM</b>	<b>TO</b>		
		1994	1995		

Curriculum Vitae for each Proposed Professional Staff:

EMPLOYER 4	<b>Design Collaborative</b> Senior Architect <ul style="list-style-type: none"> <li>Responsible for design Administration and Supervision of various projects undertaken by the company.</li> </ul>	FROM 1993	TO 1994
EMPLOYER 5	<b>Clyde Design Partnership, 131 Craighall Road Port Dundas, Glasgow G4 9TG</b> Graduate Architect <ul style="list-style-type: none"> <li>Responsible for Sketch designs, Working Drawings, Presentations, Site meetings/Inspection, CAD.</li> </ul>	FROM 1993	TO 1993
EMPLOYER 6	<b>Fairhurst - Manchester, UK</b> Graduate Architect <ul style="list-style-type: none"> <li>Preparation of Construction Drawings, presentation and site visits.</li> </ul>	FROM 1988	TO 1988
EMPLOYER 7	<b>Heywood, Orford and Ashworth Chartered Architects Stockport- UK</b> Assistant Architect <ul style="list-style-type: none"> <li>Prepared Working Drawings, Site visits and survey.</li> </ul>	FROM 1987	TO 1988
EMPLOYER 8	<b>Knight &amp; Sheldon Architect Liverpool - UK</b> Architect <ul style="list-style-type: none"> <li>Work undertaken</li> <li>Architect Feasibility Studies, Working Drawings &amp; Survey</li> </ul>	FROM 1986	TO 1987
<b>11. WORK UNDERTAKEN THAT BEST ILLUSTRATES MY CAPABILITY TO HANDLE THIS ASSIGNMENT:</b>	<ul style="list-style-type: none"> <li>Provision of Consultancy Services for Design, Preparation of Bidding Documents and Supervision of the Construction of MDR TB Centre in Dar es salaam and Phase II MDR Lab at Kibong'oto Kilimanjaro.</li> <li>Provision of consultancy Services for Design, Preparation of Bidding Document; and Supervision for the Construction of Kibong'oto Infection Diseases Hospital KIDH laboratory.</li> <li>Provision of Consultancy Services for Designing Preparation of Bidding Document and Construction Supervision of National Public Health Laboratory in Dare s Salaam</li> <li>Design, Review and supervision of Rehabilitation of ICT Training Building for the College of Engineering and Technology (COET) for UDSM Kijitonyama Campus – Project value Tshs. 2.2 bn.</li> <li>Design and Supervision of the proposed UDSM Student Centre block at University of Dar es Salaam – Mwalimu Nyrere Campus. Project value Tshs. 12bn.</li> <li>Design and Supervision of Rehabilitation of Existing Office of at Resident Mines Office – Morogoro – Data Recovery Centre. Project Value Tshs. 1.1bn.</li> <li>Design and Supervision of Refurbishment of Mineral Resources Institute (MRI) Administration block, student canteen and Library.</li> </ul>		

Curriculum Vitae for each Proposed Professional Staff:

	<ul style="list-style-type: none"><li>• Design and supervision of construction of various buildings at Kondo Village Bagamoo District for Institute of African Leadership. Project value Tshs. 70 bn.</li><li>• Consultancy Services for Feasibility study for proposed construction of shopping Mall at Karanga – Moshi Municipal and Kihonda – Morogoro Municipal for GEPP. Project value 16.2 bn each</li><li>• Design of 15 Secondary Schools in Zanzibar financed by World Bank Project value \$13,822,231.00</li><li>• Design and supervision of two lecture halls, hostel and general store cum office for Local government Training Institute in Hombolo – Dodoma project value Tshs. 2.5 bn.</li><li>• Design and Supervision of Mixed Use Development (ELIA Complex) at the junction of Bibi titi and Zanaki Road Dar es Salaam</li><li>• Design and administration of Science laboratories for 36 schools country wide. Project value USD 7.5m.</li><li>• Design of Multipurpose Centre for Msasani KKKT Lutheran Church, Dar es Salaam. Project Value Tsh 5.Billion</li><li>• Design and supervision of NSSF Temeke Regional office.</li><li>• Design of residential houses for the Director General of PPF – Oysterbay, Dar es Salaam</li><li>• Design for Bus terminal, shopping malls, hotel, office at former KAMATA premises estimated Project Value 144Billion</li><li>• Design and supervision of Change shift building at Geita Gold mine</li><li>• Supervision of Micheweni Islamic College –Pemba</li><li>• Design of Zanzibar Islamic College in Zanzibar.</li><li>• Administration and Supervision of TPDC Mafuta House at the junction of Jamhuri and Azikiwe streets-Dar es salaam</li><li>• Administration and Supervision of Renovation to TDFL House on Plot No: 54 Madai Crescent, Ada Estate-Dar es Salaam.</li><li>• Supervision of office partitioning for Coopers &amp; Lybrand on 4<sup>th</sup> Floor, Sukari House – Dar es Salaam.</li><li>• Supervision of TANESCO Office Block, Ubungo, Dar es Salaam.</li><li>• Design and Supervision of In-flight Catering Unit Dar es Salaam International Airport.</li><li>• Supervision of construction of International School of Tanganyika –</li></ul>
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Curriculum Vitae for each Proposed Professional Staff:

	<p>Music &amp; Drama Cente- Dar es salaam.</p> <ul style="list-style-type: none"><li>• Design presentation and illustration for New Africa Hotel Ltd.</li><li>• Review and presentation of design for ANC Office Building at 50 Mirambo Street, Dar es salaam.</li><li>• Presentation and occasional supervision of construction of new design studio for the UCLAS (formally Ardhi Institute).</li><li>• Bank of Tanzania Staff Houses, Mbezi –DSM</li><li>• 8 Houses for TPDC Directors-Mbezi –DSM</li></ul> <p>Recreation facilities/Swimming pool for TIB –Mbezi – DSM</p>
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12. Certification

I, the undersigned, certify that to the best of my knowledge and belief this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead my disqualification or dismissal, if engaged.

Arch. Peter Matinde

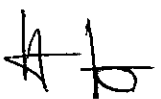


18<sup>th</sup> November 2021

Name of Expert

Signature

Date {day/month/year}





UNIVERSITY OF STRATHCLYDE

By virtue of the power to award degrees granted to it by the Charter and Statutes and by the authority of the Senate the University has this day conferred the Degree of

# BACHELOR OF ARCHITECTURE

upon

*Peter Sanger Nuttall*

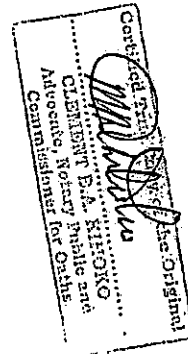
In Witness Whereof we have caused the Common Seal of the University to be impressed on this document

*Graham Hillis*

Principal

*Peter West*

Acting Registrar



*11 July 1990*

*A*

*Handwritten marks*



**ALLAN S. SEMPOLI - CV**

AS

2.	NAME OF PERSON:	Allan Said Sempoli			
3.	DATE OF BIRTH:	March 1960			
4.	NATIONALITY:	Tanzanian.			
5.	PROFESSIONAL	Registered Architect			
5.	MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS:	<ul style="list-style-type: none"> <li>Registered Architect with Architects and Quantity Surveyors Registration Board (AQRB).</li> <li>Corporate member Architectural Association of Tanzania (AAT)</li> </ul>			
6.	EDUCATION	1986 – 1990: Advance Diploma in Architecture – Ardhi Institute – Dar es Salaam			
7.	OTHER TRAINING	•			
8.	LANGUAGES & DECREE OF PROFICIENCY:	Language:	Spoken	Written	Reading
		English	Fluent	Excellent	Excellent
		Swahili	Fluent	Excellent	Excellent
9.	COUNTRIES OF WORK EXPERIENCE	Tanzania			
<b>10. EMPLOYMENT RECORD</b>					
<b>EMPLOYER 1</b>	<b>PSM ARCHITECTS CO. LTD.</b>	<b>FROM</b>	<b>TO</b>		
	Duties & Responsibilities:	2002	To date		
	<ul style="list-style-type: none"> <li>Science Laboratories for Secondary Schools in Tanzania. <ul style="list-style-type: none"> <li>- Site visits / Inspections.</li> <li>- Design &amp; presentation drawings (CAD graphics).</li> <li>- Preparation of Tender drawings (CAD graphics).</li> </ul> </li> <li>Rehabilitation to TRA Offices at Mbeya, Rukwa, Iringa, Ruvuma Regions – Package 8 <ul style="list-style-type: none"> <li>- Design work.</li> <li>- Tender documents preparation using CAD graphics.</li> </ul> </li> <li>Malaria Research laboratories and Administrative Facilities at KCMC –Moshi</li> </ul>				

	<ul style="list-style-type: none"> <li>- Design work.</li> <li>- Preparation of tender document using CAD graphics</li> <li>• Education Resource center for Tanzania Institute of Education- Dar es salaam. <ul style="list-style-type: none"> <li>- Design work.</li> <li>- Preparation of tender documents using CAD graphics.</li> </ul> </li> <li>• KKKT Multipurpose Building Centre Design and preparation of tender documents project management, site meeting and inspection.</li> <li>• PPF Residential house at Msasani Design and preparation of tender documents and construction drawing. Project management including site meetings and inspection</li> <li>• Construction of Zoology laboratory at Sokoine University (SUA) Main campus. <ul style="list-style-type: none"> <li>- Detail design and preparation of tender document.</li> <li>- Project management including site meeting and inspection.</li> </ul> </li> <li>• Construction of Extension of Library at Solomon Malangu Campus <ul style="list-style-type: none"> <li>- Detail design and preparation of tender documents including site meeting and inspection.</li> </ul> </li> <li>• Construction of Business centre building for Sokoine University Main campus. <ul style="list-style-type: none"> <li>- Detail design and preparation of tender drawings.</li> <li>- Project management including site meeting and inspections.</li> </ul> </li> <li>• Construction of Lecture Theatre, Hostel and General Stor ecum offices for Local Government Training Institute at Hombolo – Dodoma <ul style="list-style-type: none"> <li>- Detail Design, preparation of Tender document.</li> <li>- Project management including conducting of site meeting and inspection.</li> </ul> </li> <li>• Vertical Extension to Muhimbili Orthopaedic Institute (MOI) offices.</li> </ul>		
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	<ul style="list-style-type: none"> <li>- Detail design, preparation of tender document.</li> <li>- Project management including conducting site meetings and inspection.</li> <li>• Fit out for Commercial Bank of Africa Limited Kariakoo Branch. <ul style="list-style-type: none"> <li>- Design and Detailing, preparation of tender documents</li> <li>- Project management including conducting site meetings and inspection.</li> </ul> </li> <li>• Construction of Rest House for the Speaker of Tanzania National Assembly at Dodoma Mlimani area. <ul style="list-style-type: none"> <li>- Design and Detailing, preparation of tender documents</li> <li>- Project management including conducting site meetings and inspection.</li> <li>- Preparation of certificate; Payments and completion certificates</li> </ul> </li> <li>• Renovation of Secondary Schools in Pemba and Unguja for Ministry of Education and Vocational Training, Zanzibar. <ul style="list-style-type: none"> <li>- Conducting conditional survey of the building.</li> <li>- Design and detailing</li> <li>- Project Management, conducting site meetings</li> <li>- And Inspections.</li> </ul> </li> <li>• Rehabilitation, Extension and Construction of health Facilities in Sikonge, Tabora Municipal Igunga, Nzega and Urambo District in Tabora Region <ul style="list-style-type: none"> <li>- Review of details and design,</li> <li>- Project Supervision, including conducting site meeting and inspections.</li> </ul> </li> <li>• Construction of Teachers' Professional Centre at Dar es Slaam University College of Education Changombe <ul style="list-style-type: none"> <li>- Design and detailing,</li> <li>- Project Supervision ,including conducting site meetings and reporting</li> <li>- Preparation of certificate; Payments and completion certificates</li> </ul> </li> <li>• Construction of MOI Phase III Hospital Block within Muhimbili Complex in Dar es Slaam <ul style="list-style-type: none"> <li>- Design and detailing,</li> </ul> </li> </ul>		
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	<ul style="list-style-type: none"> <li>- Project Supervision ,including conducting site meetings and reporting</li> <li>- Preparation of certificate; Payments and completion certificates</li> </ul> <ul style="list-style-type: none"> <li>• Construction of Affordable Houses for Civil Servants at Kigamboni area Dar es Slaam <ul style="list-style-type: none"> <li>- Design and detailing,</li> <li>- Project Supervision ,including conducting site meetings and reporting</li> <li>- Preparation of certificate; Payments and completion certificates</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• Construction of National Public Health Laboratory for the Ministry of Health ,Community Development ;Gender,Elderly,and Children at Mabibo n Dar es Slaam <ul style="list-style-type: none"> <li>- Design and detailing,</li> <li>- Project Supervision ,including conducting site meetings and reporting</li> <li>- Preparation of certificate; Payments and completion certificates</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• Construction of Central Market on Plot no 180,Block 'S' along Madaraka and Uhuru Street Morogoro Municipal <ul style="list-style-type: none"> <li>- Design and detailing,</li> <li>- Project Supervision ,including conducting site meetings and reporting</li> <li>- Preparation of certificate; Payments and completion certificates</li> </ul> </li> </ul>		
<b>EMPLOYER 2</b>	<p><b>CLAUS BREMER ASSOCIATE</b> Duties &amp; Responsibilities:</p> <ul style="list-style-type: none"> <li>• Ardhi Institute (UCLAS) development scheme- Architecture studios, Cafeteria, Administration block &amp; Library <ul style="list-style-type: none"> <li>- Detail design</li> <li>- Post contract works including site works</li> </ul> </li> <li>• Renovation and Extension to NSSF headquarters- Dar es salaam. <ul style="list-style-type: none"> <li>- Condition survey.</li> <li>- Detail design.</li> </ul> </li> <li>• NSSF-Provident House-Dar es salaam <ul style="list-style-type: none"> <li>- Sketch design.</li> <li>- Detail design</li> </ul> </li> </ul>	<b>FROM</b>  1990	<b>TO</b>  2001

	<ul style="list-style-type: none"> <li>• Drama center at International school-Dar es salaam <ul style="list-style-type: none"> <li>- Competition sketch</li> <li>- Preparation of tender documents</li> </ul> </li> <li>• New Africa hotel phase I-III – Dar es salaam. <ul style="list-style-type: none"> <li>- Condition survey.</li> <li>- Detail design.</li> <li>- Kagera Regional Hospital – Kagera</li> <li>- Condition survey.</li> <li>- Detail design.</li> </ul> </li> <li>• HIMA - Njombe &amp; Makete land-use Management program <ul style="list-style-type: none"> <li>- Sketch design.</li> <li>- Detail design.</li> <li>- Post contract works.</li> </ul> </li> </ul>		
<b>EMPLOYER 3</b>	<b>J. M. MALL CO. LTD</b> Duties & Responsibilities: <ul style="list-style-type: none"> <li>• J.M Mall Complex-Dar es salaam. <ul style="list-style-type: none"> <li>- Interior design.</li> <li>- Detail design.</li> <li>- Site supervision.</li> </ul> </li> </ul>	<b>FROM</b>  1999	<b>TO</b>
<b>11. WORK UNDERTAKEN THAT BEST ILLUSTRATES MY CAPABILITY TO HANDLE THIS ASSIGNMENT:</b>	<ul style="list-style-type: none"> <li>• Ardhi Institute Development Architecture Studios, Administration Block, Cafeteria and Library – Dar Es salaam.</li> <li>• Renovation and Extension of NSSF Headquarters and NSSF Provident House – Dar es salaam.</li> <li>• PTA Hall at Trade Fair Center – Dar es salaam,</li> <li>• Drama Center at International School –</li> <li>• Dar es salaam, Administration Center for Danish Volunteers –</li> <li>• Dar es salaam, New Africa Hotel (Phase I-III)</li> <li>• Dar es salaam and JM. Mall Complex – Dar es Salaam.</li> <li>• IDIQ I &amp; II: Various health care projects under Centre for Diseases Control and Prevention (CDC). These includes Care and Treatment Clinics for HIV patients, Standard District laboratories and facilities for Reproduction and child health.</li> <li>• Children Centres of excellence (Paediatric HIV Clinics) under Baylor College of Medicine in Mbeya and Mwanza.</li> <li>• Muhimbili Orthopaedic Institute Phase III: A 300 bed orthopaedic hospital.</li> </ul>		

	<ul style="list-style-type: none"><li>• Support to Maternal Mortality Reduction Project (SMMP) under Ministry of Health and Social Welfare; various works in Tabora Region including construction of OBYS theatres, rehabilitation of Tabora Regional Hospital and construction of MCH and OPD buildings at various sites.</li><li>• Malaria Research laboratories and Administrative Facilities at KCMC –Moshi</li><li>• Science Laboratories for Secondary Schools in Tanzania.</li></ul>
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**12. Certification**

I, the undersigned, certify that to the best of my knowledge and belief this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead my disqualification or dismissal, if engaged.

ALLAN SEMPOLI APOL      1/11/2021  
Name of Expert                                      Signature                                      Date [day/month/year]

*Handwritten initials*

# ARDHI INSTITUTE



AD No. 0869

This is to certify that

SAIDI ALLAN SEMPOLI

having completed the three—year course  
and satisfied the requirements for the award of the

**Advanced Diploma in  
Architecture**

SECOND CLASS LOWER

was admitted to the diploma at the Congregation  
held in Dar es Salaam

on the TWENTY FOURTH day

of NOVEMBER

in the year 1990

CHAIRMAN OF THE GOVERNING  
COUNCIL

PRINCIPAL

AD No. 0869

X A



## CURRICULUM VITAE

1.	<b>PROPOSED POSITION FOR THIS PROJECT:</b>	Architect			
2.	<b>NAME OF PERSON:</b>	Joel M. Maro			
3.	<b>DATE OF BIRTH:</b>	February, 1983			
4.	<b>NATIONALITY:</b>	Tanzanian.			
5.	<b>MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS:</b>	Architects Association of Tanzania (AAT) Architects & Quantity Surveyors Registration Board (AQRB)			
6.	<b>EDUCATION</b>	<ul style="list-style-type: none"> <li>• <b>Sep 2007 – June 2011</b> De Montfort University, Leicester <b>B. Arch Hons in Architectural Design Technology and Production</b> Modules: Design and Communication in Context, Integrated Design, Technology and Building Performance.</li> <li>• <b>Jan 2005 – Jun 2006</b> Irwin College LTD, Leicester University Foundation Studies Course</li> <li>• <b>Sept 2001 – Jun 2003</b> Imani International School Kenya A Level:</li> <li>• <b>Sept 1988 - Jun 2001</b> St. Constantine's International School, Arusha Tanzania</li> </ul>			
7.	<b>OTHER TRAINING</b>				
8.	<b>LANGUAGES &amp; DEGREE OF PROFICIENCY:</b>	Language:	Spoken	Written	Reading
		English	Fluent	Excellent	Excellent
		Swahili	Fluent	Excellent	Excellent
9.	<b>COUNTRIES OF WORK EXPERIENCE</b>	United Kingdom and Tanzania			



## 10. EMPLOYMENT RECORD

EMPLOYER 1	<p><b>PSM ARCHITECTS CO. LTD.</b></p> <p><i>Architect</i> Responsible for feasibility studies (Inception Report), preparation of sketches, designs, working drawings, supervision and Project Management.</p>	FROM  2011	TO  To date
EMPLOYER 2	<p><b>Land Plan Icon Architects/ Grey Investment Ltd Dar es Salaam, Tanzania</b></p> <p><i>Placement/Internship: Student Architect</i> Designing of residential and commercial buildings. Clients briefing, site meetings, site supervisions and all day to day administrative tasks.</p>	FROM  Nov. 2009	TO  Sept 2010
EMPLOYER 3	<p><b>Alliance and Leicester Carlton Park, Leicester</b></p> <p><i>Administration/Customer Service</i> Tasks performed involved change of customers address when requested, Internet banking, dealing with customer's queries, issuing new pins and ID's. Accuracy and attention to detail is required at all times. This is to avoid any loss of customer's details or their money.</p>	FROM  June 2008	TO  Dec 2008
EMPLOYER 4	<p><b>Murphy's Pipeline Limited Coalville, Leicester</b></p> <p><i>Administration/Data Entry</i> Responsible for gas reinstatement queries. Taking inbound calls, making outbound calls. Issuing job cards and invoices to reinstating field teams to attend the respective areas.</p>	FROM  Sept 2006 -	TO  Apr 2007

**11. WORK UNDERTAKEN THAT BEST ILLUSTRATES MY CAPABILITY TO HANDLE THIS ASSIGNMENT:**

Name of Project: **PROPOSED CONSTRUCTION OF THE MSASANI MULTIPURPOSE DEVELOPMENT CENTRE FOR MSASANI MULTIPURPOSE DEVELOPMENT TRUST**  
Year: 2001 – 2014  
Location: Dar Es Salaam  
Client: Msasani Multipurpose Development Trust  
Main Project features: Design and Supervision of 7 storey Office/Apartment Block  
Position held: Project Architect

Name of Project: **THE UNITED REPUBLIC OF TANZANIA MINISTRY OF HEALTH AND SOCIAL WELFARE**  
Year: 2009 – 2014  
Location: Tabora Municipal, Sikonge, Nzega, Uyui and Igunga & Urambo  
Client: MOHSW  
Main Project features: Supervision of District Hospital, Theatres and Dispensaries  
Position held: Assistant Project Leader/Project Architect

Name of Project: **PROPOSED VILLAGE OASIS REDEVELOPMENT**  
Year: 2009 – 2014  
Location: Dar Es Salaam  
Client: Tiles Fresh Limited  
Main Project features: Design and Supervision of Residential Apartments  
Position held: Project Architect

Name of Project: **MLIMANI PETROL STATION**  
Year: 2010 – 2011  
Location: Along Sam Nujoma Road, Dar Es Salaam  
Client: TOTAL TANZANIA  
Main Project features: Design and Supervision of Mlimani Petrol Station  
Position held: Assistant Design Architect

Name of Project: **COLLEGE OF ENGINEERING AND TECHNOLOGY (COET)**  
Year: 2012 – 2014  
Location: Kijitonyama, Dar Es Salaam  
Client: UDSM  
Main Project features: Rehabilitation of ICT Training Buildings  
Position held: Project Architect

Name of Project: **PROPOSED INDUSTRIAL WORKSHOPS/OFFICE BLOCKS**  
Year: 2012 – 2013  
Location: Kerawala Base Mtwara  
Client: Schlumberger  
Main Project features: Design and Supervision of workshops and office blocks  
Position held: Project Architect

Name of Project: **YARA TANZANIA**  
Year: 2012 – 2014  
Location: Kurasini, Dar Es Salaam  
Client: YARA TANZANIA  
Main Project features: Admin Block, Multipurpose Hall, Changing Room & Weighing Bridge  
Position held: Project Architect

Name of Project: **VISION FUND TANZANIA BRANCHES**  
Year: 2013 – 2014  
Location: Arusha and Korogwe (Tanga)  
Client: Vision Fund Tanzania (VFT)  
Main Project features: Design and Supervision of office blocks and Banking Hall  
Position held: Project Architect/Team Leader

Name of Project: **MADINI DODOMA**  
Year: 2013 – 2014  
Location: Dodoma  
Client: Ministry of Energy and Minerals  
Main Project features: Design and Supervision of zonal mines offices in Dodoma  
Position held: Project Architect

Name of Project: **INSTITUTE FOR AFRICAN LEADERSHIP FOR SUSTAINABLE DEVELOPMENT (UONGOZI)**  
Year: 2013 – Current  
Location: Bagamoyo  
Client: The United Republic of Tanzania Institute of African Leadership for Sustainable Development  
Main Project features: Design and Supervision of various buildings at Kondo Village  
Position held: Assistant Project Architect

Name of Project: **PROPOSED HISTORICAL RUFURBISHMENT OF THE OLD BOMA SOKOINE DRIVE**  
Year: 2014 – 2016  
Location: Dar Es Salaam  
Client: Architects Association of Tanzania (AAT)  
Main Project features: Design and Supervision of Roof Top restaurant and restoration of Old Boma building  
Position held: Project Architect/Team Leader

Name of Project: **TOYOTA TANZANIA LTD SHOWROOM**  
Year: 2014 – 2016  
Location: Dar Es Salaam  
Client: Toyota Tanzania Limited  
Main Project features: Design and Supervision of Showroom, Accounts and Parts buildings  
Position held: Project Architect

Name of Project: **PROPOSED CONSTRUCTION OF HERITAGE SITES AT UJIJI KIGOMA, AFYA TABORA, KWIHARA TABORA AND KUNDUCHI DAR ES SALAAM**  
Year: 2014 – Ongoing  
Location: Dar Es Salaam  
Client: Ministry of Natural Resources and Tourism  
Main Project features: Restoration of Heritage sites  
Position held: Project Architect

Name of Project: **PROPOSED CONSTRUCTION FOR PLANNING, DESIGNING, SUPERVISION AND CONTRACT MANAGEMENT FOR ONE RESIDENTIAL BLOCK (DOUBLE STOREY)**  
Year: 2014 – 2016  
Location: Kisongo, Arusha  
Client: Ministry of Home Affairs  
Main Project features: Design and Supervision of residential blocks for Immigration staff  
Position held: Project Architect

Name of Project: **PROPOSED CONSTRUCTION OF VARIOUS BUILDINGS AT DISTANCE LEARNING CENTRE**  
Year: 2014 – 2017  
Location: Mkundi, Morogoro  
Client: PEPFAR/U.S EMBASSY  
Main Project features: Design and Supervision of Admin block, Classrooms and Cafeteria block  
Position held: Project Architect

Name of Project: **PROPOSED CONSTRUCTION OF SHOWROOM FOR DAR CERAMICA**  
Year: 2015 – 2016  
Location: MBEYA  
Client: Dar Ceramica  
Main Project features: Design and Supervision of Showroom  
Position held: Project Architect/Team Leader

Name of Project: **PROPOSED CONSTRUCTION OF AFRICAN INLAND CHURCH AT CHANG'OMBE**  
Year: 2015 – 2016  
Location: Dar Es Salaam  
Client: AIC  
Main Project features: Design and Supervision of Church construction  
Position held: Project Architect

Name of Project: **JACARANDA COMPLEX APARTMENTS**  
Year: 2015 – 2020  
Location: Dar Es Salaam  
Client: Jacaranda Development Ltd  
Main Project features: Design and Supervision of Apartment blocks at Oysterbay  
Position held: Project Architect

Name of Project: **PROPOSED CONSTRUCTION OF BILLIARD ROOM**  
Year: 2015 – 2016  
Location: Dar Es Salaam  
Client: Mahmood Amir Karimjee  
Main Project features: Design and Supervision of Billiard room at Kingsway Oysterbay  
Position held: Project Architect/Team Leader

Name of Project: **PROPOSED CONSTRUCTION OF STUDENT CENTER AT MWALIMU NYERERE CAMPUS UDSM**  
Year: 2015 – Ongoing  
Location: Dar Es Salaam  
Client: University of Dar Es Salaam  
Main Project features: Design and Supervision of Student center block  
Position held: Project Architect

Name of Project: **PROPOSED CONSTRUCTION OF NATIONAL PUBLIC HEALTH LABORATORY**  
Year: 2015 – 2021  
Location: Mabibo, Dar Es Salaam  
Client: MOHCDGEC  
Main Project features: Design and Supervision of BSL I,II and III laboratory  
Position held: Project Architect

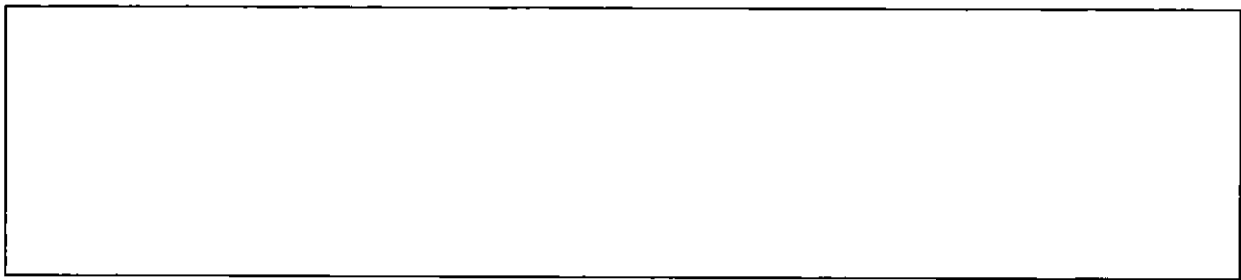
Name of Project: **PROPOSED BANK FIT OUT AND OFFICES FOR TIB CORPORATE AND DEVELOPMENT BANK**  
Year: 2015 – 2016  
Location: Arusha  
Client: TIB  
Main Project features: Design and Supervision of Bank fit out at PPF Plaza Arusha  
Position held: Project Architect/Team Leader

Name of Project: **PROPOSED BANK FIT OUT FOR AZANIA BANK KARIAKOO BRANCH**  
Year: 2016 – 2017  
Location: Dar Es Salaam  
Client: Azania Bank  
Main Project features: Design and Supervision of Bank fit out for Kariakoo Branch  
Position held: Project Architect/Team Leader

Name of Project: **KIBONGÓTO INFECTIOUS DISEASES HOSPITAL LABORATORY**  
Year: 2017 – Ongoing  
Location: Siha, Kilimanjaro  
Client: MOHCDGEC  
Main Project features: Design and Supervision of BSL I,II and III laboratory  
Position held: Project Architect

Name of Project: **DESIGN AND SUPERVISION OF OFFICE BUILDING LOCATED ON PLOT NO. 488 AT MSASANI WARD KINONDONI MUNICIPALITY**  
Year: 2018 – Ongoing  
Location: Dar Es Salaam  
Client: SKAN PROPERTIES LTD  
Main Project features: Design and Supervision of Four Storey Office building  
Position held: Project Architect

Name of Project: **CONSULTANCY SERVICES FOR THE DETAILED DESIGN FOR NAKONDE ONE STOP BORDER POST INFRASTRUCTURE IMPROVEMENT IN THE REPUBLIC OF ZAMBIA**  
Year: 2020 – Ongoing  
Location: Nakonde  
Client: TRADEMARK EAST AFRICA FIDELITY INSURANCE CENTRE  
Main Project features: Design of Nakonde OSBP for Zambia Revenue Authority  
Position held: Project Architect



**12. Certification**

I, the undersigned, certify that to the best of my knowledge and belief this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead my disqualification or dismissal, if engaged.

Joe Lawo  
Name of Expert

  
Signature

18/01/2021  
Date (day/month/year)







DE MONTFORT  
UNIVERSITY

**Joel Michael Maro**

*has been awarded the degree of*

**Bachelor of Architecture**

*having followed an approved programme in*

**Architectural Design Technology and Production**

14th June 2011

The Vice-Chancellor of De Montfort University

Academic Registrar

Student ID: 07239548



**SEBASTIAN BEBWA - CV**



## CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

<b>Position Title and No</b>	Topographical/land survey
<b>Name of Expert</b>	Sebastian B.K. Bebwa
<b>Date of Birth</b>	17.09.1959
<b>Country of Citizenship/Residence</b>	Tanzania

### Education:

- 1986 : Advanced Diploma in Land surveying, ARDHI INSTITUTE (Now Ardhi University)

### Other Trainings:

- Overview on GPS operation and practical at UCLAS/Ministry of land 1986-2003.
- Attended CASLE (Commonwealth Association of surveying and land Economy) conferences with CPD points held in Bagamoyo, Tanzania-March, 2006, Malta (2011), Kingston Jamaica (2012), Glasgow Scotland (2013) and Dar es Salaam Tanzania (2018)
- Attended and participated in FIDIC approved course titled project Management, Client Relationship & communication Management, Sustainable Development, Risk Management, Quality Management, Business Integrity performance Management, Contract Administration and dispute Resolution organized by ACET from 17<sup>th</sup>-24<sup>th</sup> October, 2008.

### Employment record relevant to the assignment:

period	Employing organization and your title/position. Contact info for references	country	Summary of activities performed relevant to the Assignment
2016 - 2021	Freelancer	Tanzania	<ul style="list-style-type: none"> <li>• Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain Model (DTM)</li> <li>• Planning, co-coordinating and compiling all survey activities on site</li> <li>• Collection and review of available topographic survey data and related information</li> <li>• Liaison with on-site design office team</li> <li>• Establish on site reference' points for use during both design and construction phases</li> <li>• Responsible for carrying out a complete topographic survey and mapping of the</li> </ul>
2015 - 2016	EMPLOYER: SMEC International Position: Senior topographical surveyor	Tanzania	
2013 - 2015	EMPLOYER: Howard Humphreys(T)LTD Position: Senior Topographical surveyor	Tanzania	

			<p>project road including finalization of a Digital Terrain Mode ( DTM) as well as borrow areas and quarry sites.</p> <ul style="list-style-type: none"> <li>• Check contractors survey results of setting ours, lines, levels and cross sections and conduct joint construction surveying as required</li> <li>• Check other survey results and accept or reject and recommend improvements</li> <li>• Record daily survey progress &amp; data</li> <li>• Preparation of setting out data., setting out controls works, topographical surveys for design updates, drawing modification, quantities calculations Surveying for the production for the right of way plan.</li> </ul>
2010 - 2013	<p>EMPLOYER: SMEC International Position: Senior Topographical Surveyor</p>		
2007 - 2010	<p>EMPLOYER: Howard Humphreys(T)Ltd. Position: Senior Topographical Surveyor</p>	Tanzania	
2005 - 2006	<p>EMPLOYER: Carl Bro Consulting engineers. Position: Senior Topographical Surveyor</p>	Tanzania	

**Membership in professional Association and Publication**

- Fellow - Institution of Surveyors of Tanzania ((IST)
- Fully Registered Surveyor by the National Council of Professional Surveyors (NCPS) Tanzania
- Registered to Practice as Licensed Land Surveyor by NCPS

**Language Skills:**

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Kiswahili	Excellent	Excellent	Excellent

**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work / Assignments that Best Illustrates Capability to Handle the Assigned Tasks
<ul style="list-style-type: none"> <li>• Leads all Surveying activities of the project</li> <li>• Identify all survey ground control stations ( beacons and bench marks) which have been established by the design Consultant</li> <li>• Verify the accuracy of survey stations</li> <li>• Establish the damaged, Altered or missing survey control station,</li> <li>• Perform all surveying activities</li> <li>• Check contractors survey results of setting outs, lines, levels and cross sections and conduct joint construction surveying as required</li> <li>• Check other survey results and accept or reject and recommend improvements</li> <li>• Record daily survey progress &amp; data</li> <li>• Preparation of setting out data setting out controls works, topographical surveys for design updates drawing modification, quantities calculations</li> </ul>	<p><b>Name of assignment or project:</b> Design Review and Preparation of Tender Documents for Upgrading of Malagarasi- Ilinde – Uvinza road ( 51.5Km) to Bitumen Standard</p> <p><b>Location:</b> Uvinza Kigoma</p> <p><b>Year:</b> Jan 2020 to June 2020</p> <p><b>Client:</b> Tanzania National Roads Agency ( TANROADS)</p> <p><b>Positions Held:</b> Senior Topographical Surveyor</p> <p><b>Activity Performed:</b></p> <ul style="list-style-type: none"> <li>• Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain Mode (DTM)</li> <li>• Planning , co- ordinating and compiling all survey activities on site</li> <li>• Collection and review of available topographic survey data Liaison with on-site design office team</li> <li>• Establish on site reference points for use during both design and construction phases</li> <li>• Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain Model(DTM) as well as borrow areas and quarry sites.</li> <li>• Detailed topographical surveys, data quality checks, identification of services and utilities, preparation of base maps and digital terrain models for detail engineering design as well as coordination of survey teams on site</li> </ul> <p><b>Name of assignment or project:</b> Feasibility Study, Detailed Design, ESIA and Preparation of Tender Documents for Upgrading of Namanyere – Kipili port road( 50.0Km) to Bitumen Standard</p> <p><b>Location:</b> Namanyere</p> <p><b>Year:</b> May 2019 to Nov,2019</p> <p><b>Client :</b> Tanzania National Roads Agency ( TANROADS)</p> <p><b>Main Project Features:</b></p> <ul style="list-style-type: none"> <li>• Feasibility and Detailed Engineering design of Road</li> </ul>

Surveying for the production of the right of way plan

Conducting surveying of realignment works with total station and leveling instrument

- Checking the positioning and installing of GPS primary control points.
- Check accuracy of all surveying instruments prior to commencement of the project work.
- Checking final grade of sub base, sub-grade level
- Controlling excavation of road, bridges, culverts and undercut operations
- Checking X,Y,Z Road position and traverse adjustment
- Fixing pi-station curve data calculation and centerline setting out on the field
- Controlling of deflection angles of each p1 station on computer with Auto CAD,
- Checking of as built drawing of pipes, culvers etc.

**Positions Held:** Senior Topographical Surveyor

**Activity Performed:**

- Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain mode (DTM)
- Planning: co-coordinating and compiling all survey activities on site
- Collection and review of available topographic survey data Liaison with on-site design office team
- Establish on site reference point for use during booth design and construction phases

**Name of assignment or project:** Feasibility , Detailed Design , ESIA and Preparation of Tender Documents for Upgrading of Kirenjeranje – Ruangwa road(110.0Km) to Bitumen Standard

**Location:**Lindi .

**Year:**March,2019 to July,2019

**Client:** Tanzania National Roads Agency(TANROADS)

**Main Project Features:**

- Feasibility and detail Engineering design of road.
- Detailed Engineering design of Port

**Position Held:** Senior Topographical Surveyor

**Activity Performed:**

- Planning, co-co-coordinating and compiling all control extension and topographical survey activities on site
- Collection and review of available topographic survey data and related Information
- Liaison with on-site design office team
- Establish on site reference points for use during both design and construction phase
- Responsible for carrying out a complete topographic survey and mapping of the project site including finalization of a Digital Terrain Model (DMT)as well as borrow areas and quarry sites
- Detailed topographical surveys, data quality checks, identification of services and utilities, preparation of base-maps and digital terrain models for detail engineering design as well as coordination of survey teams on site

:  
**Name of assignment or project:** Feasibility Study, Detailed Design, ESIA and Preparation of Tender Documents for upgrading of Kibada Chekeni/ Mwasonga –Kimbiji-Songani Junction-Kimbiji Centre and Chekeni/Mwasongo-Kimbiji Link Road (48.0Km)to Bitumen Standard  
**Location:**Kigamboni-Dar es salaam  
**Year:** January 2018 to March,2018  
**Client;**Tanzania National Roads Agency(TANROADS)  
**Main Project Features;**

- Feasibility and Detailed Engineering design of Road

**Position Held:** Senior Topographical Surveyor  
**Activity Performed:**  
 Detailed topographical surveys, data quality checks, identification of services and inutilities and preparation of base maps and terrain models for detail engineering design

**Name of assignment of project:**

- Construction supervision for Magufuli Hostel Building – USDM
- Construction Supervision for ne Ihungo High school Building in Bukoba

**Location:** Tanzania  
**Year:** 2016 -2019  
**Client :** Ministry of Education  
**Main Project Features:**

- Construction supervision for hostel buildings and School buildings

**Positions Held:** Senior Topographical Surveyor  
**Activity Performed:**

- Responsible for survey works, construction of pavement structures and measurement of quantities to ensure that road surveys conform to the design and specifications.
- Preparation of setting out data , setting out controls works, topographical surveys for design updates, drawing modification, quantities calculations

  
**Name of assignment or project:** Detailed engineering design for the upgrading of Nyamirembe – Katoke (50Km) road in Chato District  
**Location:** Tanzania  
**Year:** July 2016 to October 2016  
**Client:** Tanzania national Roads Agency ( TANROADS)  
**Main Project Features:**

- Detailed Engineering design of Road

**Positions Held:** Senior Topographical Surveyor

**Activity Performed:**

- Planning co-ordinating and compiling all survey activities on site
- Collection and review of available topographic survey data and related information
- Liaison with on-site design office team
- Establish on site reference points for use during both design and construction phases
- Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain model( DTM) as well as borrow areas and quality checks, identification of services and utilities, preparation of base maps and digital terrain models for detail engineering design as well as coordination of survey teams on site.

**Name of assignment or project:** Feasibility and Detailed engineering design of selected roads Lot 1(204km) in South Western Uganda selected national roads – lot 1: “ Kabwohe – Bwizibwera/ Nsika- Ibanda – Kabujogera Mashoro-Rwenjaza / Kyambura” Funded by the Government of Uganda (GOU) under the framework of the programme “ Improvement of National Roads in Uganda’

**Location:** South West Uganda in Republic of Uganda

**Year:** 2015 to 2016

**Client :** Uganda National Roads Authority ( UNRA)

**Main Project Features:**

- Feasibility and Detailed Engineering design of Road

**Positions Held:** Senior Surveyor

**Activity Performed:**

- Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain mode ( DTM).

**Name of assignment or project :** Consultancy services for Construction supervision of Upgrading Bukoba Airport Project.

**Location :** Tanzania

**Year:** 2014 to 2017

**Client :** Tanzania Airports Authority

**Main Project Features:**

- Construction of Runways, taxiways and aprons , Terminal building and Access roads, Meteorological Observatory station building

**Positions Held:** Senior Topographical Surveyor

**Activity Performed:**

- Leads all Surveying activities of the project
- Identify all survey ground control stations ( beacons and bench marks)



which have been established by the design Consultant

- Verify the accuracy of survey stations
- Establish the damaged, altered or missing survey control station,
- Perform all surveying activities: setting out
- Check contractors survey results of setting outs, lines, levels and cross sections and conduct joint construction surveying as requires
- Record daily survey progress & data
- Conducting surveying of realignment works with total station and leveling instrument
- Checking the positioning and installing of GPS primary control points;
- Checking final grade of sub-base, sub-grade level
- Controlling excavation of road, bridges, culverts and undercut operations
- Checking X,Y,Z Road positions and traverse adjustments

**Name of assignment or project:** Feasibility Study and detailed engineering design for the upgrading of Kayunga – Galiraya road (88.5KM) Uganda. Funded by the African Development Fund ( ADF)

**Location:** Uganda

**Year:** 2012 – 2013

**Client :** Uganda National Roads Authority ( UNRA)

**Main Project Features:**

- Feasibility and Detailed Engineering design of Road

**Positions Held:** Senior Surveyor

**Activity Performed:**

- Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain Model (DTM).

**Name of assignment or project:** Detailed engineering design for the upgrading of Mafinga- Igawa road (142KM). Funded by the AfDB.

**Location :** Tanzania

**Year:** 2012

**Client :** TANROADS

**Main Project Features**

- Detailed Engineering design of Road

**Positions Held:** Senior Topographical Surveyor

**Activity Performed:**

- Planning co-ordinating and compiling all survey activities on site
- Collection and review of available topographic survey data and related information
- Liaison with on- site design office team

- Establish on site reference points for use during both design and construction phases
- Responsible for carrying out a complete topographic survey and mapping of the project road including finalization of a Digital Terrain Mode (DTM) as well as borrow areas and quality sites
- Detailed topographical surveys, data quality checks, identification of services and utilities, preparation of basemaps and digital terrain models for detail engineering design as well as coordination of survey teams on site.

Name of Assignment or Project: Construction Supervision of Rehabilitation of Isaka – Lusahunga road( 242km)

**Location:** TANZANIA

**Year:** 2010-2012

**Client:** Tanzania National Roads Agency(TANROADS)

**Main Project features:** Construction Supervision of Road works

**Position Held:** Senior Topographical Surveyor

**Activities performed:**

- Leads all Surveying activities of the project
- Identify all survey ground control stations (beacons and bench marks)which have been established by the design Consultant
- Verify the accuracy of survey stations
- Establish the damaged, altered or missing survey control station,
- Perform all surveying activities
- Check contractors survey results of setting outs,lines,levels and cross sections and conduct joint construction surveying as required
- Check other survey results and accept or reject and recommend improvements
- Record daily survey progress & data
- Conducting surveying of realignment works with total station and leveling instrument
- Checking the positioning and installing of GPS primary control points.
- Check accuracy of all surveying instruments prior to commencement o the project work
- Checking final grade of sub-base ,sub-grade level
- Controlling excavation of road ,bridges, culverts and undercut operations
- Checking X,Y,Z road Positions and traverse adjustments
- Fixing PI-stations, Curve data calculation and centerline setting out

Name o assignment or project: Consultancy services for Construction supervision of Upgrading Mwanza Airport Project.

Location: Tanzania

Year:2007 to 2010

Client: Tanzania Airports Authority

Main Project Features:

- Construction of Runway, taxiways, and aprons, Terminal building and Access roads, Meteorological Observatory station building

Position Held: Senior Topographical Surveyor

Activity Performed:

- Leads all Surveying activities of the project
- Identify all survey ground control stations (beacons and bench marks) which established by the design Consultant
- Verify the accuracy of survey stations
- Establish the damaged, altered or missing survey control station,
- Perform all surveying activities
- Check contractors survey results and accept or reject and recommend improvements
- Record daily survey progress & data
- Preparation of setting data, setting out controls works, topographical surveys for design updates, drawing modification, quantities calculations Surveying for the production of the right of way plan
- Conducting surveying of realignment works with total station and leveling instrument
- Checking the poisoning and installing of GPS primary control points;
- Check accuracy of all surveying instruments prior to commencement of the project
- Checking final grade of sub-base, sub-grade level
- Controlling excavation of roads, bridges culverts and undercut operations
- Checking X, Y, Z Roads Positions and traverse adjustments
- Fixing PI-stations, Curve data calculation and centerline setting out on the field
- Checking of as built drawings of pipes, culverts etc.

**Expert's contact information:** (e-mail: [sebabebwa@gmail.com](mailto:sebabebwa@gmail.com), phone: +255754280356)

Certification:

I, the undersigned, certify that to the best of my knowledge and brief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the client and/or sanctions by the Bank.

Sebastian Bebwa  
Name of Expert

*Sebastian Bebwa*  
Signature

18/11/2021  
Date

*AS*

THE NATIONAL COUNCIL OF PROFESSIONAL SURVEYORS  
TANZANIA



CERTIFICATE

No. 180

*This certificate is issued under the provisions of the  
Professional Surveyors (Registration) Act, 1977  
and certifies that SEBASTIAN B. K. BEBWA*

*(A Land Surveyor)*

*is registered by the National Council of Professional  
Surveyors as a ~~Provisionally~~ ~~Temporarily~~  
Registered Surveyor.*

*Authority for this registration was granted on*

*Eighteenth day of April (month) in the*

*year 1997*

*[Signature]*  
Chairman

L.S

*[Signature]*  
Secretary

Delete whichever is inapplicable.

*[Handwritten mark]*

INSTITUTION OF SURVEYORS OF TANZANIA

IST



This is to certify that

MR. BEBWA. K. SEBASTIAN

was admitted as a

**FELLOW**

of the

**Institution of Surveyors of Tanzania**

on the 18<sup>th</sup> day,

of the month of JUNE,

in the year 1999.

DR. LUGOBYA N.

President.

MR. KALOKORA T.K.

Secretary General

No. 070

*Handwritten initials*

THE NATIONAL COUNCIL OF PROFESSIONAL  
SURVEYORS TANZANIA



Licence No 106

**SURVEYOR'S PRACTICING LICENCE**

*This Licence is issued under the provision of the Professional Surveyor's  
(Registration) Act No2 of 1977 and certifies that:*

**MR. SEBASTIAN B. K. BEBWA**

*who is a Fully Registered surveyor of P.O. Box 31968 Dar es salaam is a competent  
Surveyor and is authorized to practice for gain as a Land Surveyor in Tanzania  
Mainland.*

*This License, issued on Nov 24, 2017 is valid from Nov. 24, 2017 to Nov.23, 2020.*

  
CHAIRMAN

  
SECRETARY TO THE COUNCIL

OFFICIAL SEAL

# ARDHI INSTITUTE



AD No. 0151

**This is to certify that**

.....SEBASTIAN KAMUHABWA BEBWA.....

having completed the three—year course  
and satisfied the requirements for the award of the

## Advanced Diploma in Land Surveying

.....SECOND CLASS LOWER.....

was admitted to the diploma at the Congregation  
held in Dar es Salaam

on the ..... FIFTEENTH ..... day  
of ..... NOVEMBER .....  
in the year ..... 1986 .....

.....  
CHAIRMAN OF THE GOVERNING  
COUNCIL

.....  
PRINCIPAL

AD No. 0151

THIS CERTIFICATE IS ISSUED WITHOUT ALTERATION

*Handwritten signature or mark.*



**AKONAAY AKO - CV**

CAF

Curriculum Vitae for Proposed Professional Staff:

Position Title and No.	K. 13 Environmental Scientist
Name of Expert	Akomaay M.L. Ako
Date of Birth	29 <sup>th</sup> August, 1958
Country of Citizenship/Residence	Tanzanian

**Education:**

- Msc. (Microbiology), University of Dar es Salaam, 1993.
- Bsc. (Ed) with a major in Biology and Chemistry, University of Dar es Salaam, 1988
- Certificate in Environmental Economics and Natural Resource Valuation, Organized by Institute of Resource Assessment-University of Dar Es Salaam, 1998
- Certificates in Ecological Engineering with Special Application to Wetland, University of Dar es Salaam in collaboration with University of Denmark, 1998.
- Certificates in Ecological Modelling of Wastewater Treatment and Wetland, University of Dar es Salaam in collaboration with University of Denmark, 1996.

**Other Training**

Ability to use the following computer packages / software:

- ♦ Microsoft Office (MS Word, Ms Power Point, Access, Ms Excel, Etc.)
- ♦ AutoCAD 2009
- ♦ GIS Arc View
- ♦ Adobe Photoshop 7.0
- ♦ Adobe Image Ready 7.0
- ♦ Adobe Acrobat 7.0, Etc.

**Employment record relevant to the assignment**

Period	Employing organization and your title/position. Contact infor for references	Country	Summary of activities performed relevant to the assignment
15 <sup>th</sup> April 2018 To-date	INROS LACKNER SE from Germany Sub-Consultant	Tanzania	<p>Conducting Environmental and Social Safeguards Monitoring During the Design Review, Supervision of Works and Contract Administration of the Design and Build Construction for Construction of One Additional Berth at Mtwara Port.</p> <p>In this project Mr Ako was required to review the ESIA reports and ESMP reports and prepare updated ESIA reports and ESMP reports for incorporation into the Bidding Documents and thereafter undertake Environmental and Social Compliance Monitoring to that during</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>construction works environmental and social safeguards requirements of the contract documents are met by the Contractor.</p>
<p>01st August 2017- To-date</p>	<p><b>GAUFF INGENIEURE</b> Sub-Consultant</p>	<p>Tanzania</p>	<p>Conducting Environmental and Social Safeguards Monitoring During Design Review and Supervision of the Rehabilitation to Bitumen Standard Bububu-Mahonda-Mkokotoni Road (31Km) and Upgrading to Bitumen Standard Three Rural Roads: Fuoni-Kombeni (8.582Km); Pale-Kiongele (4.611Km); and Matemwe-Muyuni (7.580Km).</p> <p>In this project Mr Ako was required to review the ESIA reports and ESMP reports and prepare updated ESIA reports and ESMP reports for incorporation into the Bidding Documents and thereafter undertake Environmental and Social Compliance Monitoring to that during construction works environmental and social safeguards requirements of the contract documents are met by the Contractors.</p> <p>The project is being funded by the Government of the United Republic of Tanzania in collaboration with African Development Bank (AfDB).</p>
<p>15 Feb. 2016 to 03 August 2018</p>	<p>Sub-consultancy to Howard Humpreys (T) Ltd in Association with EPITOME Architects Ltd and K.J. &amp; Associates Consultancy Ltd</p>	<p>Tanzania</p>	<p>conducting Environmental and Social Impact Assessment (ESIA) Study during Detailed Engineering Design, Preparation of Tender Documents, and Supervision of Construction of One Stop Inspection Station (OSIS) at Vigwaza along the Dar Es Salaam Corridor.</p> <p>In this assignment the Sub-consultant was a Team Leader responsible for Conducting Biophysical Survey, Stakeholder Consultation, Preparation of EIA report and incorporation of Social Impact Assessment Report from Sociologist to Prepare a</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>Consolidated ESIA Report and its corresponding Environmental and Social Management Plan (ESMP).</p> <p>The project was being funded by the International Development Association (IDA) in collaboration the Government of the United Republic of Tanzania through Tanzania National Roads Agency (TANROADS).</p>
1st July 2017-To-date	Sub-Consultant to Gauff Ingenieure	Tanzania	<p>Conducting Environmental and Social Safeguards Monitoring During the Design Review and Construction Supervision of Ro-Ro Terminal, Deepening and Strengthening of Berths 1-7 and Construction of Terminals at the Dar Es Salaam Port.</p> <p>In this project Mr Ako was required to review the ESIA reports and ESMP reports and prepare updated ESIA reports and ESMP reports for incorporation into the Bidding Documents and thereafter undertake Environmental and Social Compliance Monitoring to that during construction works environmental and social safeguards requirements of the contract documents are met by the Contractor.</p>
01st June 2016 To-date	Sub-Consultant to Gauff Ingenieure	Tanzania	<p>Conducting Environmental and Social Safeguards Monitoring during Design Review and Supervision of Selected Local Roads, Drainage System and Infrastructure in Low Income Communities under the Supervision of Dar Es Salaam Metropolitan Development Project (DMDP).</p> <p>In this project Mr Ako was required to review the ESIA</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>reports and ESMP reports and prepare updated ESIA reports and ESMP reports for incorporation into the Bidding Documents and thereafter undertake Environmental and Social Compliance Monitoring to that during construction works environmental and social safeguards requirements of the contract documents are met by the Contractor.</p> <p>The project is being implemented under the Dar Es Salaam Metropolitan Development Project and financed by the Government of the United Republic of Tanzania in collaboration with International Development Association (IDA).</p>
13 <sup>th</sup> March 2014 to 08 February 2018	Sub-consultant to Gauff Ingenieure in association with NIMETA Consults (T) Ltd	Tanzania	<p>Conducting Environmental and Social Safeguards Monitoring during Design Review and Supervision of Upgrading of Dodoma (Maya Maya)-Babati (Bonga) Road (188-14km) to Bitumen Standard: Lot B: Mela-Bonga Section (88.80km). The intention is to ensure that the Contractor complies with environmental and social safeguards during construction.</p> <p>The project is being implemented by TANROADS and funded by the Government of the United Republic of Tanzania in collaboration with the African Development Bank (AfDB).</p>
13 Sept. 2017 to 22 Dec. 2017	Sub-consultant to Howard Humphreys (T) Ltd	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) study During Feasibility Study, Preliminary Design, Detailed Engineering Design, Preparation of Tender Documents and Supervision of the Refurbishment of 20 Health Facilities Providing HIV/AIDS</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>Services Along the Dar Es Salaam Corridor.</p> <p>In this assignment the Sub-consultant was required to undertake Preparation of Detailed Project Brief Report and Environmental and Social Management Plan (ESMP) for 20 Health Facilities.</p> <p>The project was being funded by the Government of the United Republic of Tanzania under credit from International Development Agency (IDA) and implemented by TANROADS on behalf of the Government of the United Republic of Tanzania.</p>
22 <sup>nd</sup> Feb. 2017 to 28 <sup>th</sup> July 2017	Sub-Consultant to Env-Consult (T) Ltd	Tanzania	<p>Conducting Strategic Environmental Assessment (SEA) Study of the Proposed Master Plan for the Development of Star City Special Economic Zone (SEZ) located at Tungi Area in Morogoro Municipality-Morogoro Region, Tanzania. In this assignment, the Sub-consultant was a Team Leader responsible for conducting SEA Study and Preparation of SEA report.</p>
13 <sup>th</sup> May 2016 to 18 <sup>th</sup> Jan. 2017	Sub-consultant to NORPLAN (T) LTD	Tanzania	<p>conducting Strategic Environmental Assessment (SEA) Study of New IFM Msata Campus Master Plan (Detailed Planning Scheme) located at Msata Village in Bagamoyo District - Coast region. In this assignment, the Sub-consultant was a Team Leader responsible for conducting SEA study and Preparation of SEA Report.</p>
08 <sup>th</sup> June 2015 to 12 <sup>th</sup> Dec. 2016	Sub-consultant to Inter-Consult Ltd in association with CHEL from South Korea	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) study during Preliminary Design and Feasibility Study, Preparation of Tender Documents, Tender Administration and Facilitation of Financial Close for Construction and Operation of a Toll Road from Dar Es Salaam to Chalinze under Public</p>

Curriculum Vitae for Proposed Professional Staff:

			Private Partnership (PPP). The project is being implemented and funded by TANROADS on behalf of the Government of the United Republic of Tanzania.
19 <sup>th</sup> Aug. 2014 to 10 <sup>th</sup> June 2016	Sub-consultant to Inter-Consult Ltd	Tanzania	Conducting Environmental and Social Impact Assessment and Preparation of Environmental and Social Management Plan (ESMP) during the Detailed Engineering Design and Preparation of Tender Documents for Upgrading of Matai-Kasesya Road (50km). The project was being implemented and funded by TANROADS on behalf of the Government of the United Republic of Tanzania.
22 <sup>nd</sup> July 2015 to 3 <sup>rd</sup> September 2015	Sub-consultant to Royal Haskoning BHV		Conducting Environmental Scoping during the Feasibility Study and Detailed Engineering Design for Improvement of Kigoma Port along Lake Tanganyika in Tanzania. Conducting Environmental Scoping during the Feasibility Study and Detailed Engineering Design for Improvement of Kigoma Port along Lake Tanganyika in Tanzania.  The Project involves improvement of Kigoma Port along Lake Tanganyika.  The study was commissioned to Royal HaskoningBHV from Netherlands and funded by Tanzania Ports Authority (TPA) on behalf of the Government of the United Republic of Tanzania
22 <sup>nd</sup> July 2015 to 11 <sup>th</sup> September 2015	Sub-consultant to Royal Haskoning BHV	Tanzania	Conducting Environmental Scoping Study during the Feasibility Study and Detailed Engineering Design for Modernization of Lake Victoria Ports in Mwanza, Musoma, and

Curriculum Vitae for Proposed Professional Staff:

			<p>Bukoba", in Tanzania.</p> <p>The Project involves modernization of five Lake Victoria Ports (Mwanza South, Mwanza North, Bukoba and Kemonondo Bay).</p> <p>In this Project, the Sub-consultant was required to prepare Project Brief Report and Fill Registration Form No.1 (also known as screening process), Conduct Environmental Scoping study and Prepare a Scoping Report in accordance with Tanzania Regulations.</p> <p>The study was commissioned to Royal HaskoningBHV from Netherlands and funded by Tanzania Ports Authority (TPA) on behalf of the Government of the United Republic of Tanzania.</p>
16 <sup>th</sup> June 2014 to 9 <sup>th</sup> Feb, 2015	Sub-Consultant to Engineering Research Associates (ERA) Ltd	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP) during the Feasibility study and Preliminary Engineering Design for Upgrading of Izazi-Pawaga-Mlowa Regional Road (80km) to Bitumen Standard.</p> <p>The project was being implemented and funded by TANROADS on behalf of the Government of the United Republic of Tanzania.</p>
17 <sup>th</sup> April 2014 to 14 <sup>th</sup> Aug. 2014	Sub-Consultant to Engineering Research Associates (ERA) Ltd	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP) during the Design Review, Preparation of Tender Document and Construction Supervision for Upgrading of Magereza - Mkoani Health Centre Road (0.5Km) and</p>



Curriculum Vitae for Proposed Professional Staff:

			<p>TANESCO-Ikulu Ndogo Road (0.5Km) to Asphalt Concrete. The project was being implemented by Kibaha Town Council on behalf of Prime Minister's Office, Regional Administration and Local Government (PMO-RALG) and funded by the World Bank in collaboration with the Government of the United Republic of Tanzania.</p>
26 <sup>th</sup> Nov. 2013 to 7 <sup>th</sup> Dec. 2014	Sub-consultant to Inter-consult Ltd	Tanzania	<p>Conducting Environmental and Social Impact Assessment and Preparation of Environmental and Social Management Plan (ESMP) during the Detailed Engineering design, Preparation of tender documents and supervision of Ugalla Bridge along Ugalla (Tabora / Katavi Border)-Mnyamasi Regional Road (R . 385) in Katavi Region. The project is being implemented and funded by TANROADS on behalf of the Government of the United Republic of Tanzania.</p>
23 <sup>rd</sup> Jan. 2012 to 13 <sup>th</sup> May 2013	Sub-Consultant to INTERCONSULT LTD	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP). The project involved Detailed Engineering Design and Preparation of Tender Documents for Upgrading of Handeni – Kiberashi – Kwamtoro – Singida Road (461 Km) to Bitumen Standard. The project was being implemented and funded by TANROADS on behalf of the Government of the United Republic of Tanzania.</p>
19 <sup>th</sup> April 2013 to 21 <sup>st</sup> March 2014	Sub-Consultant to INTERCONSULT LTD	Tanzania	<p>Conducting Strategic Environmental Assessment (SEA) study during the Preparation of Comprehensive Transport and Freight System Development Master Plan. The project is being funded by Japanese International Cooperation</p>

Curriculum Vitae for Proposed Professional Staff:

			Agency (JICA) in collaboration with the Government of the United Republic of Tanzania.
10 <sup>th</sup> Dec. 2013 to 24 May 2015	Sub-consultant to Howard Humphreys (T) Ltd	Tanzania	Conducting Environmental and Social Impact Assessment and Preparation of Environmental and Social Management Plan (ESMP) during the Detailed Engineering Design and Preparation of Tender Documents for Upgrading of Babati Town Roads to Bitumen Standard. The project is being funded by the World Bank in collaboration with the Government of the United Republic of Tanzania.
29 <sup>th</sup> Oct. 2012 to 7 <sup>th</sup> April 2015.	Sub-Consultant to NIMETA Consult Ltd	Tanzania	Conducting Environmental Audit (EA) Study and Development of appropriate mitigation strategies or plans for Six (6) Existing Dams in Arusha and Tabora Regions. The project was being funded by African Development Bank (AfDB) in collaboration with the Government of the United Republic of Tanzania.
09 <sup>th</sup> Feb. 2013 to 10 <sup>th</sup> Feb. 2014	Sub-Consultant to EM Consultants Ltd	Tanzania	Conducting Environmental and Social Safeguards Monitoring During the Construction Supervision of Jendele-Cheju-Kaebona Road (11.7 Km) and Jumbi-Koani Road (6.3 Km) in Unguja, Zanzibar. The intention is to ensure that the Contractor complies with environmental and social safeguards during construction. The project was being implemented and funded by the Government of Zanzibar in collaboration with Arabian Bank for African Development (BADEA).
29 <sup>th</sup> Nov. 2012 to 8 <sup>th</sup> Sept. 2013	Sub-Consultant to INTERCONSULT LTD	Tanzania	Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP). The project involves

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Curriculum Vitae for Proposed Professional Staff:

			<p>Feasibility study, Detailed Engineering Design, and Preparation of Tender Documents for Upgrading of TAMCO – Vikawe –Mapinga Road (23 Km) to Bitumen Standard. The project is being implemented and funded by TANROADS on behalf of the Government of the United Republic of Tanzania.</p>
08 <sup>th</sup> June 2012 to 17 <sup>th</sup> May 2013	Sub-Consultant to Howard Humphreys	Tanzania	<p>Sub-Consultant to Howard Humphreys in Conducting Environmental Compliance Monitoring during the Rehabilitation and Upgrading of Bukoba, Kigoma and Tabora Airports.</p> <p>The project is being implemented by Tanzania Airports Authority and financed by the Government of Tanzania in collaboration with The World Bank.</p>
7 <sup>th</sup> Nov. 2011 to 5 <sup>th</sup> Aug. 2015	Sub-Consultant to INTERCONSULT LTD	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP). The project involves Detailed Engineering Design, Economic Evaluation, and Preparation of Tender Documents for upgrading of Nyamuswa - Bunda – Kisorya – Nansio Road (118 km) to Bitumen Standard. The project is being implemented and funded by TANROADS on behalf of the Government of Tanzania.</p>
13 <sup>th</sup> Sept. 2013 to 30 <sup>th</sup> July 2014	Consultant to JACARANDA DEVELOPMENT	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) study for Construction of Apartment Complex (4- Storey Building and 4-Townhouse Blocks) on Plot No. 42 at Oysterbay in Kinondoni Municipality in Dar Es Salaam City. The project was being implemented and funded JACARANDA</p>

Curriculum Vitae for Proposed Professional Staff:

13 <sup>th</sup> Sept. 2013 to 11 July 2014	Consultant to TOYOTA TANZANIA LTD	Tanzania	DEVELOPMENT LTD. Conducting Preliminary Environmental Assessment (PEA) study for Construction of New Show Room and Offices on Plot No. 5 Along Nyerere Road at Chang'ombe Industrial Area in Dar Es Salaam City.  The project was being implemented and funded by TOYOTA TANZANA LTD.
14 <sup>th</sup> August 2013 to 30 <sup>th</sup> May 2014	Sub-consultant to Howard Humphreys (T) Ltd	Tanzania	Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP). The project involved Detailed Engineering Design and Preparation of Tender Documents for Upgrading of Kibena – Lupembe – Taweta/Mfuji (Moro/Njombe Border) Road (123.97Km) to Bitumen standard The project is being implemented and funded by TANROADS on behalf of the Government of the United Republic of Tanzania.
15 <sup>th</sup> Jan. 2014 to 16 <sup>th</sup> July 2014	Sub-consultant to NIMETA Consult (T) Ltd	Tanzania	Conducting Environmental and Social Audit of Selected ASDP Sub-projects for the Ministry of Agriculture and Food Security.
25 <sup>th</sup> October 2012 to 16 <sup>th</sup> July 2014	Sub-consultant to NIMETA Consult Ltd	Tanzania	Conducting Environmental Audit and Development of Appropriate Mitigation Strategies or Plans for Six Existing Dams in Arusha and Tabora Regions. In this assignment the Sub-consultant was a Team Leader responsible for conducting SEA study and Preparation of SEA Report.
19 <sup>th</sup> Feb. 2013 to 19 <sup>th</sup> May 2013	Sub-Consultant to HOWARD HUMPHREYS (T) Ltd	Tanzania	Conducting Environmental and Social Assessment (ESA) study for Protection and Conservation of Mtawanya and Mikindani Catchment areas during Preparation of an integrated Water Resources Management and Development (IWRMD) Plan for Ruvuma River and

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Curriculum Vitae for Proposed Professional Staff:

			<p>Southern Coast Basins. The project was being financed by European Union in collaboration with the Government of Tanzania.</p>
<p>06<sup>th</sup> Nov. 2012 to 30<sup>th</sup> October 2013</p>	<p>Sub-Consultant to INTERCONSULT LTD</p>	<p>Tanzania</p>	<p>Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP). The project involved Feasibility study, Detailed Engineering Design, and Preparation of Tender Documents for Upgrading of Mbande – Kongwa Jct – Kongwa – Ugogoni; Kongwa Jct – Ng'ambi – Mpwapwa (Ving'hawe) Roads (57.92 Km) and Mpwapwa – Gulwe – Kibakwe Road (48.60 Km) to Bitumen Standard. The project is being financed by TANROADS on behalf of the Government of Tanzania.</p>
<p>21<sup>st</sup> Jan. 2010 to 21<sup>st</sup> May 2013</p>	<p>Sub-Consultant to AFRICON Ltd of South Africa on behalf of INTERCONSULT LTD</p>	<p>Tanzania</p>	<p>Conducting Environmental and Social Safeguards Monitoring during Upgrading of Lot 1: Singida – Katesh (65.1 Km) Road Section to Bitumen Standard. The intention was to ensure that the Contractor complies with all environmental and social safeguards during construction. The project is being implemented by TANROADS and financed by African Development Bank (AfDB) in collaboration with the Government of the United Republic of Tanzania.</p>
<p>31<sup>st</sup> Jul. 2012 to 02<sup>nd</sup> Dec. 2012</p>	<p>Sub-Consultant to NIMETA Consult (T) Ltd</p>	<p>Tanzania</p>	<p>Conducting Environmental and Social Impact Assessment and Preparation of Environmental and Social Management Plan (ESMP). The project involved Detailed Design and Preparation of Tender Documents for Upgrading of Selected Moshi Urban Roads to Bitumen Standard. The project was being funded by the African Development Bank (AfDB) in collaboration with the Government of</p>

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Curriculum Vitae for Proposed Professional Staff:

			the United Republic of Tanzania
15 <sup>th</sup> March 2010 to 10 <sup>th</sup> April 2012	Sub-consultant to Inter-Consult Ltd	Tanzania	<p>conducting Environmental Scoping study during Feasibility Study for Development of a Dry Port at Katosho Area in Kigoma Municipality.</p> <p>The main activities include:</p> <ul style="list-style-type: none"> <li>- Baseline data collection.</li> <li>- Review of relevant policies, legal and institutional framework.</li> <li>- Stakeholder identification and consultation.</li> <li>- Identification of potential impacts and mitigation measures.</li> <li>- Preparation of scoping report and submission to the client.</li> </ul> <p>The project was funded by the Tanzania Ports Authority (TPA).</p>
25 <sup>th</sup> Feb. 2010 to 26 <sup>th</sup> Sept. 2011	Sub-consultant to NIMETA Consult Ltd	Tanzania	<p>conduct Environmental Impact Assessment (EIA) study of Pilot Demonstration Works on: Solid Wastes Collection and Disposal Facilities; On-Site Sanitation and Storm Water Drainages in the city</p> <p>In this project Mr Ako was required to conduct Environmental Impact Assessment (EIA) study of Pilot Demonstration Works on: Solid Wastes Collection and Disposal Facilities; On-Site Sanitation and Storm Water Drainages.</p> <p>The project was being funded by Arusha Municipal Council (AMC) in collaboration with Arusha Urban Water on behalf of the Government of the United Republic of Tanzania and African Development Bank</p>

Curriculum Vitae for Proposed Professional Staff:

<p>12<sup>th</sup> Oct. 2010 to 21<sup>st</sup> Sept. 2011</p>	<p>Sub-consultant to Inter-Consult Ltd in association with Royal Haskoning from Netherlands</p>	<p>Tanzania</p>	<p>(AfDB) through African Water Fund (AWF).</p> <p>conducting Environmental Scoping study for Revamping of Magogoni / Kigamboni Ferry Services.</p> <p>The Environmental Expert was required to carry out the following activities:</p> <ul style="list-style-type: none"> <li>- Conduct baseline data collection.</li> <li>- Review of relevant policies, legal and institutional framework.</li> <li>- Stakeholder identification and consultation.</li> <li>- Identification of potential impacts and mitigation measures.</li> </ul> <p>Preparation of scoping report and submission to the client.</p> <p>The purpose of this project is to undertake revamping of Magogoni - Kigamboni ferry services. Specifically, the study involves the following three components:</p> <ul style="list-style-type: none"> <li>(a) Study of existing facilities and ferry operations and draft proposals for improvement, including (but not limited to) the possibility of introducing user automated ticketing systems also meeting medium and long-term requirements;</li> <li>(b) Prepare architectural and engineering designs with simulations to justify the project;</li> <li>(c) Assess the suitability to involve Private Sector Participation (PSP) in certain ferry project components and identify</li> </ul>
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Curriculum Vitae for Proposed Professional Staff:

			<p>the modus operandi between the government and private parties.</p> <p>The study was commissioned and funded by the Tanzanian Electrical, Mechanical and Electronics Services Agency (TEMESA)</p>
13 <sup>th</sup> March 2009 to 13 <sup>th</sup> March 2010	Sub-Consultant to NORPLAN (T) LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) study during Detailed Engineering Design and Preparation of Tender Documents for Improvement of Water Supply and Sewerage Systems in Arusha Municipality and Improvement of Water Supply in Ngorongoro Small Townships of Loliondo and Wasso.</p> <p>In this assignment, the Consultant was required to:</p> <p>Identify any adverse impacts of bridge construction and its approach roads, and thereafter propose appropriate mitigation measures.</p> <p>Prepare EIA Report for submission to NEMC and AUWSA.</p> <p>The study has been commissioned by AUWSA and is being financed by the Government of Tanzania in collaboration with African Development Bank.</p>
22 <sup>nd</sup> Sept. 2011 to 03 <sup>rd</sup> July 2012	Sub-Consultant to NORPLAN (T) LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) study during:</p> <ul style="list-style-type: none"> <li>(a) Detailed Engineering Design for Widening of Old Bagamoyo Road (5.3 km) and Garden Road (2.1 km) to Dual Carriageways</li> <li>(b) Detailed Engineering Design for the Construction of Msasani Bonde la Mpunga Drainage</li> </ul>

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Curriculum Vitae for Proposed Professional Staff:

			<p>System and Preparation of Tender Documents.</p> <p>The project is being implemented and financed by Capital Development Authority (CDA) on behalf of the Government of Tanzania.</p>
<p>21<sup>st</sup> Feb. 2011 to 26<sup>th</sup> March 2012</p>	<p>Sub-Consultant to NIMETA Consult (T) Ltd</p>	<p>Tanzania</p>	<p>Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP).</p> <p>The project involved Preparation of Infrastructure Design and Construction Supervision of Njedengwa Investment Area in Dodoma Municipality. The project involves construction of road sections to double surface dressing bituminous standard, water distribution network, power supply distribution network, storm water and drainage system to accommodate the existing designs of sewerage system and provide outlets/inlets provisions for water reticulation system, electricity and telecommunication systems.</p> <p>The project was funded by Capital Development Authority (CDA).</p>
<p>15<sup>th</sup> Oct. 2011 to 7<sup>th</sup> Dec. 2011</p>	<p>Sub-Consultant to NIMETA-CONSULT (T) LTD</p>	<p>Tanzania</p>	<p>the Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP). The project involved Construction of Rusumo International Bridge and One Stop Border Post (OSBP) Facilities at the Border of Rwanda and Tanzania.</p> <p>In this assignment, the Consultant was required to review and prepare acceptable ESIA report for submission to TANROADS and NEMC. He was also required to ensure that the report is approved by NEMC for Issuance of Environmental Impact Assessment Certificate by the</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>Minister responsible for Environment in the Vice President's Office (VPO).</p> <p>The project was being financed by Japan International Cooperation (JICA) and implemented by TANROADS on the Tanzania side and Rwanda Transport Development Authority (RTDA) on the Rwanda side.</p>
23 <sup>rd</sup> June 2010 to 7 <sup>th</sup> Sept. 2011	Sub-Consultant to NORPLAN (T) LTD	Tanzania	<p>Environmental Impact Assessment (EIA) Preparation of Environmental and Social Management Plan (ESMP). The project involved Detailed Engineering Design and Preparation of Tender Documents for Upgrading of Uhuru road to Dual Carriageway (Buguruni - Msimbazi Roundabout - 3.95 Km).</p> <p>The project was being implemented By TANROADS Regional Manager – Dar Es Salaam and financed through the Road Fund Board on behalf of the Government of Tanzania</p>
04 <sup>th</sup> Jan. 2011 to 20 <sup>th</sup> April 2011	Sub-Consultant to NORPLAN (T) LTD	Tanzania	<p>Conducting Preliminary Environmental Impact Assessment (EIA) and Preparation of Environmental and Social Management Plan (ESMP).</p> <p>The project involved Geotechnical and Hydrological Investigations, Topographical Survey and Preliminary Engineering Design of Momba Bridge and its approach roads along Sitalike-Kilyamatundu and Mlowo-Kamsamba Regional Roads in Rukwa and Mbeya Regions, respectively.</p> <p>The project was being implemented by TANROADS-Rukwa on behalf of Chief Executive of TANROADS and financed by Danish International Development Agency (DANIDA)</p>

Curriculum Vitae for Proposed Professional Staff:

			under the Road Sector Programme Support Phase 3 (RSPS3).
9 <sup>th</sup> Nov. 2010 to 7 <sup>th</sup> Sept. 2011	Sub-Consultant to LANDPLAN-ICON ARCHITECTS LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) Preparation of Environmental and Social Management Plan (ESMP).</p> <p>The project involved construction of CCBRT Baobab Maternity Hospital at Msasani Village in Dar Es Salaam City. In this assignment, the Consultant was required to ensure that the project is registered with the National Environment Management Council (NEMC) by preparing a Project Brief report and Filling up Registration Form No. 1 prior to commencement of detailed EIA study.</p>
7 <sup>th</sup> Dec. 2009 to 11 <sup>th</sup> Sept. 2010	Sub-Consultant to Engineering Research Associates (ERA) Ltd on	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) study of Rural Water Supply and Sanitation Project (RWSSP) in 10 selected villages of Ngara and Kasulu Districts.</p> <p>In this assignment, the Consultant was required to identify potential impacts (positive and negative) associated with RWSSP and propose appropriate enhancement and mitigation measures for positive and negative impacts, respectively. The Consultant was also required to prepare Environmental Management Plan (EMP) and Cost Estimates for Mitigation measures.</p> <p>The project was being funded by the Government of the United Republic of Tanzania in collaboration with The World Bank.</p>
5 <sup>th</sup> May to 14 <sup>th</sup> Aug.	Sub-Consultant to Engineering Research Associates (ERA) Ltd	Tanzania	Government of the United Republic of Tanzania through the Road Board Fund.

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Curriculum Vitae for Proposed Professional Staff:

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12 <sup>th</sup> March 2010 to 01 <sup>st</sup> April 2010	Sub-Consultant to KUNDUCHI SALTWORKS LTD	Tanzania	Development of Residential Bungalows at Kunduchi Beach area. The project involved land reclamation and construction of residential bungalows in Plot No. 1079 at Kunduchi Beach area in Dar Es Salaam City. In this assignment, the Consultant was required to carry out Environmental Impact Assessment (EIA) study and identify potential impacts associated with land reclamation and constructions works, and thereafter propose appropriate mitigation measures.
22 <sup>nd</sup> May 2009 to 08 <sup>th</sup> Oct. 2009	Sub-Consultant to INTERCONSULT LTD	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP).</p> <p>The project involved Detailed Engineering Design, Cost Estimates and Preparation of Tender Documents for Upgrading of Tunduma – Laela Road Section (128km) and Laela–Sumbawanga Road Section (96.5km) to Bitumen Standard.</p> <p>In this assignment the Consultant was required to review and update: ESIA report done by Africon of South Africa in association with Inter-Consult of Tanzania in 2007 for Laela – Sumbawanga road section.</p> <p>ESIA report undertaken by DR. Ahmed Abdel Warith Consulting Engineers (AAW) of Egypt in association with Data Consult Ltd of Tanzania in 2007 for Tunduma – Laela section</p> <p>The ESIA reports with their related Environmental Management Plans (EMPs) were required to be in compliance with Millennium</p>

Curriculum Vitae for Proposed Professional Staff:

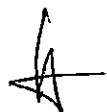
			<p>Challenge Corporation (MCC) Environmental Guidelines.</p> <p>The study was commissioned by Millennium Compact Account (MCA)-Tanzania to AFRICON from South Africa in association with INTERCONSULT LTD and financed by the Millennium Challenge Corporation (MCC).</p>
05 Dec. 2008 to 19 March 2010	Sub-Consultant to SMEC International of Australia	Tanzania	<p>Sub-Consultant to SMEC International of Australia on Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP).</p> <p>The project involved Detailed Engineering Design and Preparation of Tender Documents for Upgrading of 310 Km Kidahwe – Kasulu-Kibondo – Nyakanazi Road to Bitumen Standard. The project was being implemented by TANROADS HQ and funded by the Government of Tanzania.</p>
09th April 2008 to 19th Jan. 2010	Consultant to NILEPERCH FISHERIES LTD in collaboration with ARMS ON ENVIRONMENT LTD	Tanzania	<p>Conducting Initial Environmental Audit of Fish Processing Factory located on Plot No. 18 at Nyakato Industrial Area, within Mwanza City. The Consultant was required to carry out Initial Environmental Audit in accordance with Regulation 46(4) of the Environmental Impact Assessment and Audit G.N. No. 349 of 2005.</p>
19th Dec. 2008 to 31st Aug. 2009	Consultant to TANPERCH LTD	Tanzania	<p>Conducting Initial Environmental Audit for Fish Processing Factory located in Plot No. 8 and 9 at Ilemela Industrial area within Mwanza City. The Consultant was required to carry out Initial Environmental Audit in accordance with Regulation 46(4) of the Environmental Impact Assessment and Audit Regulation</p>

Curriculum Vitae for Proposed Professional Staff:

<p>9<sup>th</sup> March 2009 to 7<sup>th</sup> Sept. 2009</p>	<p>Sub-Consultant to NIMETA CONSULT LTD</p>		<p>G.N. No. 349 of 2005. Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Environmental and Social Management Plan (ESMP). The project involved Detailed Engineering Design for construction of 360m Kilombero Bridge and upgrading of 5 Km approach roads along Ifakara – Mahenge Trunk Road into Bitumen Standard. The project was being funded by the Government of Tanzania through the Development Fund Board.</p>
<p>10<sup>th</sup> July 2009 to 1<sup>st</sup> Aug. 2009</p>	<p>Consultant to Apex Housing Development Ltd (AHDL) in joint venture with SIMBA MOTORS Ltd</p>	<p>Tanzania</p>	<p>The project involved construction of residential houses in Plot No. 1061 and 1062 at Mapinga area in Bagamoyo district. In this assignment, the Consultant was required to carry out Environmental Impact Assessment (EIA) study. The intention was to identify potential environmental impacts (positive and negative) and thereafter propose appropriate mitigation measures for adverse (negative) impacts.</p>
<p>31<sup>st</sup> Jan. 2008 to 29<sup>th</sup> July 2009</p>	<p>Consultant to PRECISION AIR SERVICES LTD</p>	<p>Tanzania</p>	<p>Conducting Environmental Impact Assessment (EIA) study of the Proposed Construction of Aircraft Maintenance Hangar and associated facilities at the Dar Es Salaam Airport Terminal No. 1, within Dar Es Salaam City. The Consultant was required to prepare Project Brief Report for submission to NEMC in accordance with Environmental Impact Assessment and Audit Regulations G.N. No. 349 of 2005.</p>
<p>29<sup>th</sup> April 2009 to 29<sup>th</sup> May 2009</p>	<p>Consultant to SHELTERS TANZANIA LTD</p>	<p>Tanzania</p>	<p>Development of Residential Apartments on Plot No. 1066 in Dar Es Salaam City. The project involved land reclamation and construction of residential apartments on Plot No. 1066. In this assignment, the Consultant was required to carry out Environmental Impact Assessment study and look for the possibility of</p>

Curriculum Vitae for Proposed Professional Staff:

			integrating land reclamation with protection of mangrove vegetation along the Msimbazi river.
5 <sup>th</sup> Dec. 2008 to 26 <sup>th</sup> March 2009	Sub-Consultant to INTER-CONSULT LTD	Tanzania	Conducting Environmental and Social Impact Assessment (ESIA) study of Single Point Mooring (SPM) Project. The project involves replacement of Single Point Mooring (SPM) Buoy and Petroleum pipeline systems at Ras Mjimwema in Dar Es Salaam City. The project was commissioned to Royal Haskoning from Netherlands in collaboration with Inter- Consult Ltd from Tanzania. The Consultant was required to prepare Scoping Report and Terms of Reference (TOR) in accordance with Regulation 13(3) and thereafter submit to NEMC for screening purpose.
11 <sup>th</sup> Feb. 2009 to 17 <sup>th</sup> March 2009	Sub-Consultant to HOWARD HUMPHREYS	Tanzania	Conducting Environmental Impact Assessment (EIA) study during Detailed Engineering Design of 100 metres multi-span Maligisu bridge across Simiyu River and upgrading of 500 metres approach roads along Bukwimba – Maligisu – Kabila Road into Bitumen Standard. In this assignment, the Consultant was required to: Identify any adverse impacts of bridge construction and its approach roads, and thereafter propose appropriate mitigation measures. Prepare EIA Report for submission to TANROADS.  The study has been commissioned by TANROADS Mwanza Regional Manage – Mwanza Region and is being financed by the Government of Tanzania through the Development Fund Board.
1 <sup>st</sup> Aug. to 15 <sup>th</sup> Sept.	Consultant to African Development Bank (AfDB)	Tanzania	Consultant to African Development Bank (AfDB) on Conducting Environmental and Social Impact Assessment

  
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Curriculum Vitae for Proposed Professional Staff:

2008			<p>(ESIA) and Preparation of Environmental and Social Management Plan (ESMP) for Zanzibar Urban and Rural Water Supply and Sanitation Project.</p> <p>The project which was being implemented in urban and rural communities of Unguja and Pemba Islands and funded by the African Development Bank in collaboration with the Government of the United Republic of Tanzania.</p>
9 <sup>th</sup> June 2008 to 20 <sup>th</sup> Jul. 2008	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>Preparation of Tanzania Ports Master Plan. This assignment involved identification of environmental issues to be incorporated into the Ports Master Plan. The Consultant carried out field work by visiting the existing coastal and inland ports within Tanzania Mainland. These include: Mwanza, Mtwara, Tanga, Bagamoyo and Kigoma Ports. The intention was to identify the on-going and future planned activities within the mentioned ports, and thereafter predict potential Preparation of Tanzania Ports Master Plan. This assignment involved identification of environmental issues to be incorporated into the Ports Master Plan. The Consultant carried out field work by visiting the existing coastal and inland ports within Tanzania Mainland. These include: Mwanza, Mtwara, Tanga, Bagamoyo and Kigoma Ports. The intention was to identify the on-going and future planned activities within the mentioned ports, and thereafter predict potential environmental impacts and mitigation measures associated with those activities.</p>



Curriculum Vitae for Proposed Professional Staff:

			The assignment was commissioned to Royal Haskoning from Netherlands in association with Inter-Consult Ltd from Tanzania and funded by The World Bank
18 <sup>th</sup> March 2008 to 9 <sup>th</sup> June 2008	Sub-Consultant to ARMS ON ENVIRONMENT LTD	Tanzania	<p>Conducting Environmental Control Audit of Five projects around Lake Victoria Zone to determine their environmental performance and compliance with conditions stipulated in the Environmental Impact Assessment Certificates issued by NEMC.</p> <p>The Sub-Consultant carried out assignment for the following projects:</p> <p>Musoma Fish Processing Factory Premium Nile Perch Factory Nyakato Steel Mills Factory North Mara Gold Mining Tulawaka Gold Mining</p> <p>The assignment was Commissioned to ARMS ON ENVIRONMENT LTD by the National Environment Management Council (NEMC).</p>
01 <sup>st</sup> April 2006 to 31 <sup>st</sup> May 2008	Sub-Consultant to SMEC INTERNATIONAL OF AUSTRALIA	Tanzania	<p>Conducting Environmental and Social Safeguards Monitoring during Upgrading of 100 Km Buzirayombo-Geita Road Section to Bitumen Standard. The intention is to ensure that the Contractor complies with all environmental and social safeguards. The project was contracted to SYNOHYDRO CORPORATION from China under supervision by SMEC International from Australia and financed by Government of Tanzania through the Road Fund Board.</p>
29 <sup>th</sup> June 2007 to 17 <sup>th</sup> Dec. 2007	Sub-Consultant to DON-CONSULT	Tanzania	<p>Development of Kagera River Basin Monograph and Information Database in the four Riparian Countries of Burundi, Rwanda, Uganda and Tanzania. The Study</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>was part of the Kagera Trans-Boundary Integrated Water Resource Management and Development Project, which is implemented under the Nile Basin Initiative (NBI) and Nile Equatorial Lakes Subsidiary Action Programme (NELSAP) and funded by SIDA in collaboration with NORAD and European Union (EU). This study was commissioned to BRL Ingénierie from France in collaboration with DONCONSULT LTD from Tanzania.</p> <p>In this assignment, the Consultant participated as an Ecologist / Biologist responsible for collection of information on Flora and Fauna, Unique ecosystems, nature reserves, state of wetland resources environmental degradation and loss of biodiversity, existing environmental management programmes as well as fisheries and aquaculture.</p>
<p>28<sup>th</sup> Nov. 2006 to 09<sup>th</sup> Aug. 2007</p>		<p>Tanzania</p>	<p>Sub-Consultant to NORPLAN (T) LTD in association with AAW from Egypt with Don-Consult Ltd on Preparation of Strategic Sanitation Management Plan for Dar Es Salaam City.</p> <p>In this study, the Sub-Consultant was required to review environmental factors associated with the preparation of strategic sanitation management plan. Specifically, to:</p> <ul style="list-style-type: none"> <li>Identify social and environmental aspects to be considered</li> <li>Identify possible environmental impacts of the proposed works and mitigation measures that may be considered.</li> </ul>

Curriculum Vitae for Proposed Professional Staff:

			<p>The project was being financed by the Government of the United Republic of Tanzania in collaboration with the World Bank.</p>
28 <sup>th</sup> Sept. 2007 to	Consultant to AMREF – Tanzania	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) Study during implementation of Mkuranga Water, Sanitation and Hygiene Project. The Project was being implemented by AMREF-Tanzania in collaboration with Mkuranga District Council, and funded by AMREF-Italy and European Union.</p> <p>The Project involved construction of Hand Pump Shallow Wells (HPSW), Boreholes, ECOSAN and VIP Latrines in 11 Wards of Mkuranga District.</p> <p>In this assignment, the Consultant was required to carry out the EIA Study in order to identify any possible immediate and/or future impacts associated with the proposed interventions so that remedial measures can be taken by the Project Proponent. The Consultant was also required to develop an Environmental Management Plan (EMP) and framework for decision-making.</p>
28 <sup>th</sup> Oct. 2007			
26 <sup>th</sup> Feb. 2007 to 20 <sup>th</sup> March 2007	Sub-Consultant to DON-CONSULT LTD	Tanzania	<p>Due Diligence Study of the Millennium Challenge Account of Tanzania (MCA-T) proposals submitted to Millennium Challenge Corporation (MCC) on Water Supply and Sanitation Facilities. The study was commissioned to CDM International Inc. from USA in collaboration with DON-CONSULT LTD from Tanzania.</p> <p>In this study, the Consultant was assigned to evaluate Environmental due diligence in relation to</p>

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## Curriculum Vitae for Proposed Professional Staff:

			development of water supply and sanitation facilities. The environmental due diligence included, among others, to determine the level of ESIA and EMP needed for the proposed water supply and sanitation projects for Dar Es Salaam, Misungwi, Bunda, Tarime, Geita and Zanzibar
20 <sup>th</sup> Feb. 2007	Consultant to LOMOCONSULT LTD	Tanzania	Conducting Environmental Impact Assessment study on Mwanza Urban Water Supply Authority (MWAUWASA) Headquarters Construction Project. In this assignment, the Consultant was required to carry out Environmental Impact Assessment (EIA) study and identify potential impacts associated with the project and thereafter propose appropriate mitigation measures.
04 <sup>th</sup> Dec. 2006 to 04 <sup>th</sup> Jan. 2007	Consultant to NYAKATO STEEL MILLS LTD	Tanzania	Conducting Initial Environmental Audit of Nyakato Steel Mills Factory. The factory, which is located on Plot No. 8 at Nyakato Industrial Area in Mwanza, is concerned with manufacture of steel reinforcement bars of different sizes from scrap metals. The factory consumes about 15,000 tonnes of scrap metals to produce about 10,957 tonnes of reinforcement bars. In this assignment, the Consultant was required to prepare Initial Environmental Audit Report in accordance with the FIRST SCHEDULE of the Environmental Impact Assessment and Audit G.N. No. 349 of 2005 and submit the report to NEMC for review.
2006	Sub-Consultant to NORPLAN (T) LTD	Tanzania	Conducting Environmental and Social Impact Assessment (ESIA) and Preparation of Resettlement Action Plan for the Proposed Construction of 220 KV Electric Power Transmission Line from Shinyanga to Kahama. The intention was to supply power to the Proposed Buzwagi

Curriculum Vitae for Proposed Professional Staff:

			<p>Gold Mine. In this assignment, the Consultant was required to conduct Biophysical survey and review pertinent policies, legal and institutional framework for conducting EIA in this project and for environmental management in Tanzania. The study was contracted to NOPRPLAN (T) LTD in association with MULTICONSULT A/S from Norway and financed by TANESCO.</p>
2006	Sub-Consultant to INTER-CONSULT LTD		<p>Environmental Impact Assessment (EIA) study of Vingunguti Bridge Construction Project. The project involved Detailed Design and Supervision of the proposed bridge construction across the Msimbazi River at Vingunguti area in Ilala Municipality.</p> <p>In this assignment, the Consultant was required to carry out for the proposed project and prepare EIA Report for submission to TANROADS.</p> <p>The study was commissioned by Ilala Municipal Council to Inter-Consult Ltd from Tanzania and financed by Ilala Municipal Council.</p>
2006	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) Study for the Construction of 20 MVA Electric Power Sub-station at the Benjamin William Mkapa Industrial Park. The project, which involved detailed design and supervision works, was contracted to INTERCONSULT LTD and financed by the President's Office, United Republic of Tanzania.</p>
2006	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) Study for Replacement of Single Point Mooring (SPM) and Pipeline System at Ras Mjimwema in Dar</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>Es Salaam City. The study was contracted to INTERCONSULT in association with Royal Haskoning from Netherlands. The Consultant in this study was assigned to assist Environmental Expert from Royal Haskoning. Specifically, his role was to review Policy, Legal and Institutional Framework for EIA and environmental management in Tanzania. He was also required to carry out biophysical survey along the pipeline route and prepare EIA Report.</p>
2005/06	Sub-Consultant to NORPLAN LTD	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) Study for Construction of Hydroelectric Power Transmission Lines from Mbeya to Singida. In this assignment, the Consultant was required to assist the Team Leader in carrying out the ESIA study. Specifically, he was required to review the pertinent policies, legal and institutional framework for conducting EIA in this project and for environmental management in Tanzania.</p> <p>The study was contracted to NORPLAN (T) LTD in association with MULTICONSULT A/S from Norway and financed by TANESCO.</p>
2005/06	Sub-Consultant to SMEC INTERNATIONAL OF AUSTRALIA	Tanzania	<p>in Conducting Environmental and Social Impact Assessment (ESIA) study during Detailed Engineering Design and Preparation of Bidding Document for rehabilitation / improvement of Korogwe-Mkumbura-Same Road.</p> <p>In this assignment, the Consultant was required to: Carry out Environmental Impact Assessment (EIA) Study in</p>

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Curriculum Vitae for Proposed Professional Staff:

			<p>collaboration with a Sociologist who was responsible for carrying out Social Impact Assessment (SIA) study.</p> <p>Prepare EIA Report</p> <p>Integrate EIA Report with SIA Report to produce consolidated ESIA Report for submission to TANROADS, NEMC and The World Bank.</p> <p>Prepare Environmental and Social Management Plan (ESMP).</p> <p>The study was commissioned to SMEC International of Australia and funded by the Government of Tanzania through TANROADS and The World Bank.</p>
2004/05	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>Tanzania Rural Electrification Studies (TZ-RES).</p> <p>In this assignment, the Consultant was required to carry out Preliminary Environmental Impacts Assessment of Rural Electrification based on various energy options. These include Geothermal, Mini-hydropower, Wind energy, Biomass, Grid extension and Diesel Co-generation.</p> <p>The study was commissioned to SWEDPOWER from Sweden in collaboration with Inter-Consult Ltd from Tanzania.</p>
2003/05	Consultant to Ministry of Works	Tanzania	<p>Preparation of Environmental Assessment and Management Training Manual and Conducting Training Programme for Road Sector</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>Stakeholders.</p> <p>In this assignment, apart from preparation of the Training Manual, the Consultant in collaboration with International Consultant was also required to carry out Training Programme for Road Engineers, Planers, Technicians and Supervisors from Tanzania National Roads Agency (TANROADS), President's Office Regional Administration and Local Government (PORALG), Ministry of Works (MOW). The Consultant was required to work with International Consultant in collaboration with Staff from the Road Sector Environment Unit as one means of capacity building in the Unit.</p> <p>The assignment was contracted to the Consultant by the Government of Tanzania and jointly funded by DANIDA and the Government of Tanzania.</p>
2004/05	Sub-Consultant to CARL BRO A/S	Tanzania	<p>on the Preparation of Environmental Code of Practice for Road Works (Tanzania). The assignment was contracted to Carl Bro A/S of Denmark by the Government of Tanzania and jointly funded by DANIDA and the Government of Tanzania. The Consultant was required to work with International Consultant in collaboration with Staff from the Road Sector Environment Unit as one means of capacity building in the Unit.</p>
15 <sup>th</sup> Aug. 2004 to 15 <sup>th</sup> Sept. 2004	Sub-Consultant to Development Dynamics International	Tanzania	<p>Conducting Environmental and Social Impact Assessment (ESIA) study during the Feasibility study and Engineering Design of Chake-</p>



Curriculum Vitae for Proposed Professional Staff:

			<p>Wete, Wete-Konde and Wete-Gando Roads in Pemba Island.</p> <p>In this project Mr. Ako was required to conduct environmental impacts assessment study and prepare EIA report for submission to the Client.</p> <p>The project was being financed by the Revolutionary Government of Zanzibar in collaboration with Arabian Bank for African Development (BADEA).</p>
2003/04	Consultant to CARL BRO A/S	Tanzania	<p>the Preparation of Environmental Assessment and Management Guidelines for Road Sector in Tanzania. The Consultant was required to work with International Consultant in collaboration with Staff from the Road Sector Environment Unit as one means of capacity building in the Unit.</p> <p>The assignment was contracted to Carl Bro A/S of Denmark by the Government of Tanzania and jointly funded by DANIDA and the Government of Tanzania.</p>
20 <sup>th</sup> March 2003 to 19 <sup>th</sup> April 2003	Sub-Consultant to NORPLAN /AS (Tanzania Branch)	Tanzania	<p>on Conducting Environmental Impact Assessment (EIA) study of the Proposed Mererani Tanzanite Mining Project. The project involved Large-scale tanzanite mining in two plots with a total area of about 80 ha. In this assignment, the Consultant was required to identify potential social and environmental impacts associated with the gemstone mining activities and propose any appropriate mitigation measures. He was also assigned full responsibility of preparing an EIA Report, and submitting it to the National Environmental Management Council (NEMC) for review.</p>

Curriculum Vitae for Proposed Professional Staff:

			The study was commissioned to NORPLAN A/S (Tanzania Branch) by IPP LTD from Tanzania.
20 <sup>th</sup> May to 20 <sup>th</sup> June 2003	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>on Conducting Environmental Impact Assessment (EIA) study of Concrete Piles and Floor Sheds Rehabilitation Project. The project involved rehabilitation of the then failing floor sheds and concrete piles at the Dar Es Salaam Port Container Terminals.</p> <p>In this assignment, the Consultant was required to identify potential environmental impacts associated with the project and to propose appropriate mitigation measures. He was also requested to identify alternative sites for contractor's campsite and disposal of solid wastes originating from the construction activities. In addition, he was required to prepare an EIA Report as a stand-alone document for submission to the Client.</p> <p>The assignment was contracted by Tanzania Ports Authority (TPA) to Africon A/S from South Africa in collaboration with Inter-Consult Ltd from Tanzania.</p>
15 <sup>th</sup> March 2003 to 15 <sup>th</sup> April 2003	Sub-Consultant to SERVICEPLAN LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) study of Songea Water and Sanitation Improvement Project. The project involved Feasibility Study and Engineering Design of Songea Urban Water Supply and Sanitation Improvement Project.</p> <p>The purpose of the project was to improve the water supply systems for Songea Town.</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>In this assignment, the Consultant was required to identify any adverse (negative) environmental impacts associated with the project activities and propose appropriate mitigation measures.</p> <p>The study was commissioned by Songea Urban Water Supply Authority (SOUWASA) to DORSCH CONSULT from Germany in collaboration with SERVICEPLAN LTD from Tanzania and jointly funded by KFW and the Government of Tanzania.</p>
15 <sup>th</sup> Jan. 2003 to 15 <sup>th</sup> Feb. 2003	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) study during Detailed Engineering Design for the construction of double span bridge over Mbezi River in the Dar Es Salaam City.</p> <p>In this assignment the Consultant was required, apart from identifying potential impacts associated with bridge construction works, to propose appropriate mitigation measures, including mitigation of impacts due to local community activities. He was also required to prepare an EIA Report as a stand-alone document.</p> <p>The assignment was contracted to Inter-Consult Ltd of Tanzania and funded by the Government of Tanzania through TANROIADS.</p>
15 <sup>th</sup> April 2002 to 15 <sup>th</sup> May 2002	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>the Proposed Control Tower Construction Project. The project involved construction of Control Tower near the Kivukoni Fish Market in Dar Es Salaam City.</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>In this assignment, the Consultant was required to identify potential impacts associated with the project, and propose appropriate mitigation measures. Other duties include identification of best alternative site for installation of the proposed control tower. He was also required to prepare EIA Report as a stand-alone document for submission to the Client.</p>
<p>15<sup>th</sup> Feb. 2002 to 15<sup>th</sup> March 2002</p>	<p>Sub-Consultant to LOMOCONSULT LTD</p>	<p>Tanzania</p>	<p>the assessment of environmental, social and economic impacts for the improved / rehabilitated of Mkuranga-Kisiju Road (46 Km).</p> <p>The assignment involved assessment of, environmental, social and economic impacts resulting from the improved/rehabilitated gravel road. In this assignment, the Consultant was specifically required to identify any environmental impacts (positive and negative) that have occurred as a result of the road improvement.</p> <p>The study was commissioned by TANROADS -- COAST REGION to LOMOCONSULT LTD from Tanzania and financed by DANIDA.</p>
<p>30<sup>th</sup> Feb. 2002 to 30<sup>th</sup> March 2002</p>	<p>Sub-Consultant to ITECO LTD</p>	<p>Tanzania</p>	<p>Conducting Environmental Impact Assessment (EIA) study during Condition Study, Residual Capacity Assessment and Detailed Design for rehabilitation / replacement of Ruvu Truss Bridge.</p> <p>In this assignment, the Consultant was required to carry out Environmental Impact Assessment (EIA) study for the proposed bridge project and</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>identify potential adverse (negative) environmental impacts and propose appropriate mitigation measures.</p> <p>The study was contracted by TANROADS – Coast Region to ITECO LTD from Tanzania and funded by the Government of Tanzania through the Road Fund Board.</p>
15 <sup>th</sup> Jan. 2002 to 05 <sup>th</sup> Feb. 2002	Sub-Consultant to TANROADS – Morogoro Regional Manager's Office	Tanzania	<p>on the Design and Carrying out Environmental Impact Assessment (EIA) Training Programme. The programme involved 32 participants of whom 12 of them were Senior Engineers / Regional Managers from Mtwara, Lindi, Dar Es Salaam and Coast Regions. Other participants included 15 Nos. Engineers / Technicians from TANROADS Morogoro and 5 Nos. Engineers from Local Private Consulting firms.</p> <p>The assignment was contracted to the Consultant by TANROADS Morogoro Regional Manager's Office and funded by SWISS AID.</p>
15 <sup>th</sup> Jan. 2001 to 30 <sup>th</sup> Feb. 2001	Sub-Consultant to INTER-CONSULT LTD	Tanzania	<p>Conducting Environmental Impact Assessment (EIA) study of Mbeya – Chunya – Makongolosi Road Construction Project. The project involved Feasibility study and Preliminary Design for upgrading of gravel road into bitumen standard.</p> <p>In this assignment, the Consultant was required to: Carry out Environmental in collaboration with a Sociologist</p>

Curriculum Vitae for Proposed Professional Staff:

			<p>who was responsible for carrying out Social Impact Assessment (SIA) study</p> <p>Prepare EIA Report</p> <p>Integrate EIA Report with SIA Report to produce consolidated ESIA Report for submission to TANROSADS and NEMC.</p> <p>Prepare Environmental and Social Management Plan (ESMP).</p> <p>The study was commissioned by TANROADS to Inter- Consult Ltd from Tanzania and funded by the Government of Tanzania, through the Tanzania Road Fund Board.</p>
2001	Consulting Team Member for Environmental Audit of Bulyankulu Gold Mining Project-Kahama	Tanzania	The work was assigned to the team by Kahama Mining Corporation Ltd in November, 2001
2001	Consulting Team Member for Way-Leave Village Electrification Scheme (WVES) as part of the mitigation measures	Tanzania	For proposed Songo Songo Gas Pipelines Generation Project. The study was contracted to NORPLAN A/S, Oslo, NORWAY.
2000			Consultant to the Ministry of Water and Livestock Development (MOWLD). The Consultant was assigned to undertake Environmental Impact Assessment (EIA) Study for Rural Water Supply and Sanitation Project (RWSSP) in three districts of Kilosa (Morogoro Region), Rufiji (Coast Region) and Mpwapwa (Dodoma Region). The Project was funded by the Government of Tanzania and The World Bank, Washington, DC.
1999	Sub-Consulting to LOMO CONSULT LTD	Tanzania	on conducting Environmental Baseline study and Impact Assessment Study of Mkuranga-Kisiju Road Construction Project, funded by DANIDA.

Curriculum Vitae for Proposed Professional Staff:

1999	Consultant for Indian Ocean Hotel Project (now called Golden Tulip Hotel).	Tanzania	The assignment involved Environmental Impact Assessment (EIA) of the Indian Ocean Hotel Project located at Msasani Peninsula in the Dar Es Salaam City. In this Project the Consultant was requested to identify potential environmental impacts associated with the project and propose appropriate mitigation measures for negative impacts. He was also required to prepare the EIA report according to the African Development Bank (ADB) guidelines.
1998	Sub-Consultant to LOMO CONSULT LTD	Tanzania	conducting Environmental Impact Assessment of Msata-Bagamoyo Road Construction Project, funded by DANIDA.
1997	Sub-Consultant to ENV-CONSULT (T) LTD	Tanzania	Preparation of Environmental Management Framework for the Mineral Sector. The study was contracted to Armstrong UK in collaboration with ENV-CONSULT (T) LTD. This was IDA - World Bank funded project under the Ministry of Energy and Water of the United Republic of Tanzania. In this assignment Mr. Ako was required to carrying out ecological impact study due to mining operations in the country.
1997	Consultant on Environmental Impact Assessment (EIA) study of Mandawa Basin Petroleum Exploration Project.	Tanzania	This was an On-shore petroleum drilling project undertaken by Dublin International Petroleum Tanzania Ltd., Dubai, U.A.E. The study involved EIA during pre-drilling operation and Environmental Auditing and Monitoring during Post-drilling phase. Apart from beind a Team Leader, Mr. Ako was responsible for preparation of EIA Report and submitting it to the Division of Environment in the Vice President's Office (VPO) for review.
1006	Sub-Consultant to ENV-CONSULT (T) LTD	Tanzania	Tthe Development of Sanitation Management Plans for Arusha

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Curriculum Vitae for Proposed Professional Staff:

			and Iringa Municipalities. The study was contracted to ENV-CONSULT (T) LTD by the Ministry of Energy, Minerals and Water, and was funded by IDA and JICA (Japan). In this assignment Mr. Ako was required to identify environmental issues related to urban sanitation activities and assist the Team Leader in the preparation of report for submission to the Client.
1996	Consulting Team Member for Study on: Conducting Environmental Evaluation of Tourism Development Potential for Sadani Game Reserve	Tanzania	This study was sponsored by the Wildlife Division, Ministry of Natural Resources and Tourism, United Republic of Tanzania. In this assignment Mr. Ako was required to carry out ecological and botanical survey of the study area and assist the Team Leader in the preparation of the report for submission to the Client.
1995	Consultant to ACRES INTERNATIONAL	Tanzania	Environmental Impact Analysis of the Two Alternative Route Corridors during Feasibility study of Mnazi Bay Gas Pipelines Project by ACRES INTERNATIONAL, Ontario, CANADA. In this assignment the Consultant was required to carry out field work and prepare EIA Report for submission to the Client.
1994-1996	Consulting Team Member on ESIA Study of the Lower Kihansi Hydropower Project.	Tanzania	This project was concerned with the construction of Over-head High Tension Transmission Lines from Ipogolo Sub-staion in Iringa Region to the proposed Lower Kihansi Power station and from Kidatu Power station to the propsoed Lower Kihansi Sub-station in Morogro Region. In this assignment Mr. Ako was required to carry out field survey and assist the Head of Department in the preparation of the report for submission to the Client.

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Curriculum Vitae for Proposed Professional Staff:

			The study was Sub-contracted to NORCONSULT (T) LTD by NORPLAN A/S, Oslo, NORWAY.
1994-1995	Consulting Team Member on Environmental and Socio-economic Baseline study of the Lower Kihansi Hydropower Project.	Tanzania	In this assignment Mr. Ako was required to carry out field survey and assist the Head of Department in the preparation of the report for submission to the Client.  The study was sub-contracted to NORCONSULT (T) LTD by NORPLAN A/S, Oslo, NORWAY.
1992-1994	Consulting Team Member for Pangani Falls Hydro-electric Power Redevelopment Project	Tanzania	The project involved construction of 66 MW underground Power station and deviation of water from the river into 1.5 km underground tunnel.  In this assignment Mr. Ako was required to conduct ESIA study and Environmental Monitoring for a period of five years until demobilization and site closure.  The study was commissioned to NORCONSULT (T) LTD by IVO-NORPLAN jv, Dar es Salaam, Tanzania.
1989	Research Assistant for Environment Data Bank Project, funded by DANIDA	Tanzania	. The work involved field data collection and documentation of all relevant information on environment and natural resources conservation in the country.

Membership in professional associations and publication

(a) Registration Certificate No. NEMC / EIA / 0051 (Environmental Impact Assessment Expert)

(b) Registration Certificate No. NEMC / EA / 0023 (Environmental Auditor)

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Curriculum Vitae for Proposed Professional Staff:

Language:	Spoken	Written	Reading
English	Fluent	Excellent	Excellent
Swahili	Fluent	Excellent	Excellent

Detailed Tasks Assigned on Consultant's Team of Expert	Reference to prior work/assignments that best illustrates capability to handle the assigned tasks
	Detailed tasks assigned for are provided under the respective projects proved under the employment records.

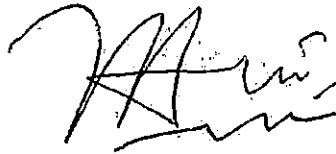
Expert's contact information: E mail: akoajonaay@gmail.com

Phone + 255 754 605 279

12. Certification

I, the undersigned, certify that to the best of my knowledge and belief this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead my disqualification or dismissal, if engaged.

AKO AKONAAY



Name of Expert

Signature

18/11/2021  
Date [day/month/year]

PETER MATINDE



Name of Authorized Representative of the Consultant (the same who signs the proposal)

Signature

18/11/2021  
Date [day/month/year]





NATIONAL ENVIRONMENT MANAGEMENT COUNCIL

ENVIRONMENTAL EXPERTS' CERTIFICATE

(Issued under Regulations 19(2), 21(2) & 26 of the Environmental  
(Registration of Environmental Experts) Regulations, 2005)

Certificate No. NEMC/EIA/ 0051

Expert Registration No. NEMC/EIA-0050

*This is to certify that*

AKONAY M. L. AKO

of

P. O. BOX 2820 DAR ES SALAAM

has

been registered as an Environmental Expert in accordance with the  
provisions of the Environmental Management Act Cap. 191 and is  
authorized to practise in the capacity of an Environmental Impact  
Assessment Expert in Tanzania

Dated this 25<sup>th</sup> day of February 2011

Director General

## CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

<b>Discipline</b>	Civi/Structural Engineer
<b>Name of Expert:</b>	Eng. Florence Nyamnyamu Msambila
<b>Date of Birth</b>	11 <sup>th</sup> Nov 1962
<b>Country of Citizenship/Residence</b>	Tanzania

### EDUCATION:

- Masters of M.Sc. Degree in Civil/Structural Engineering from Higher Institute of Architecture and Civil Engineering - Sofia, Bulgaria, 1995.

### OTHER TRAINING:

- Occupational Safety, Health and the Environment Course February 2<sup>nd</sup> & 3<sup>rd</sup>, 2017 by Institution of Engineers Tanzania
- Construction Contract Management and Dispute Resolutions February 23<sup>rd</sup> & 24<sup>th</sup>. 2017 by Institution of Engineers Tanzania
- Explore MS in Project Management (6<sup>th</sup> & 7<sup>th</sup> Sept, 2010) - Vinsys IT Services (I) Pvt. Ltd/University of Dar-es-Salaam).
- Flood Estimation and Storm Water Drainage for Roads (August 2007) – South Africa
- The design and construction of Segmental retaining walls (September 2007) – South Africa
- The Design and Implementation of High Strength Polymeric Soil Reinforcement (August 2007) – South Africa
- Design of Heavy Industrial Buildings (June 2008) – South Africa
- AutoCAD Rivet Structure November 2008 – South Africa

### EMPLOYMENT RECORD RELEVANT TO THE ASSIGNMENT:

Period	Employing organization & title/position held. Contact info for references	Country	Summary of activities performed relevant to the Assignment
August 2009 – Todate	<b>Employer :</b> Teknicon Ltd  <b>Position :</b> Managing Director / Senior Structural Design Engineer  <b>For references:</b> Teknicon Company Ltd <a href="mailto:info@teknicon.co.tz">info@teknicon.co.tz</a> Tel: +255 22 270 9403	Tanzania	Activities Performed: <ul style="list-style-type: none"> <li>❖ Project Team Leader – Design and construction Supervision of Binguni referral Teaching Hospital in Zanzibar</li> <li>❖ Project Engineer - Design and construction supervision of Mtwara SOLVOCHEM Liquid Bulk Terminal in the Mtwara Port Area including offices, warehouses, weighing bridge ets</li> </ul>

Period	Employing organization & title/position held. Contact info for references	Country	Summary of activities performed relevant to the Assignment
			<ul style="list-style-type: none"> <li>❖ Project Director (Civil &amp; structural works - design and supervision construction of warehouses for Rwanda Biomedical Centre in Kigali Project funded by USAID.</li> <li>❖ Project Engineer - Design and construction supervision of Upgrading of MBEYA LAFARGE CEMENT bulk loading system including a warehouse and weighing bridge.</li> <li>❖ Project Director (Civil &amp; structural works - MSD Warehouses project funded by USAID and GLOBAL FUND): KEKO in Dar-es-Salaam, MBEYA, DODOMA, TABORA &amp; TANGA) – Responsibilities:-</li> <li>❖ Quality assurance of all designs and specifications for construction to comply with standard codes.</li> <li>❖ Project Engineer – Extension of Warehouse, New Milling House, Distillation Skid Structures including water and Fuel Treatment plants for Pyrethrum Company of Tanzania Limited</li> <li>❖ Project Engineer – Rehabilitation design work for Warehouse in Zanzibar funded by FAO</li> <li>❖ Project Structural Engineer – Warehouses and new factory for GMS group of Company. Three were constructed in Dar-es-Salaam and one in Mtwara</li> </ul>
April 2007 - Jan 2009	<p><b>Employer:</b> Lidwala Consulting Engineers</p> <p><b>Position:</b> Head of Structural Engineering section &amp; Bridge Department</p> <p><b>For references:</b> Tel +27-11-793 5488 e-mail <a href="mailto:wtenda@lidwala.com">wtenda@lidwala.com</a>;</p>	South Africa	<ul style="list-style-type: none"> <li>❖ Project Structural Engineer for Emerlo and Evander Forensic Mortuaries - Works included design of structural and associated civil works including a 4.5 km access road. Project sum \$11.2mil</li> <li>❖ Design of Office Block accommodating various offices including Standard Bank in Nespruit, South Africa</li> </ul>

Period	Employing organization & title/position held. Contact info for references	Country	Summary of activities performed relevant to the Assignment
	Eng. Wesley Tendaupenyu, Managing Director		<ul style="list-style-type: none"> <li>❖ Project leader for a \$5.9mil. Secondary School in Bushbuckridge, Mpumalanga. Four story Building and Auxiliary Structures. Client: Government of South Africa</li> </ul>
April 2005 - Jan 2007	<b>Employer:</b> ACTS CONSULTANTS (PTY) LTD  <b>Position:</b> Senior Structural Engineer  <b>For references:</b> Tel +267 317 0886 e-mail: <a href="mailto:acts@global.bw">acts@global.bw</a>	Botswana	<ul style="list-style-type: none"> <li>❖ Structural Design Engineer / Resident Engineer (Structural and Civil works) - Scottish Livingstone Hospital – Molopolole (Contract Project Sum U\$ 45 mill) Client: Government of Botswana (Ministry of Health)</li> </ul>
1999 - 2005	<b>Employer:</b> TTCS Consulting Engineers (Pty) Ltd  <b>Position:</b> Senior Structural Engineer  <b>For references:</b> Tel +267 395 2006 / +267-72105060 e-mail: <a href="mailto:ttcs@info.bw">ttcs@info.bw</a> Mr. T. Mothimatsela, Managing Director	Botswana	<ul style="list-style-type: none"> <li>❖ Project/Design Engineer - Botswana Television Studio, Radio Studio &amp; Information and Broadcasting Headquarters including Government prints. (Project sum U\$ 75 mill) Client: Government of Botswana (Ministry of Information and Broadcasting)</li> <li>❖ Resident Engineer (Structural and Civil works), Lobatse Mental Hospital – Contract Project Sum U\$ 62.5 mill (Client: Government of Botswana-Ministry of Health)</li> <li>❖ Between Feb. 2000 and Nov. 2000 I was also involved on the Lobatse Mental Hospital project as a member of the design team. The design included boiler steel support-works.</li> <li>❖ Resident Engineer (Structural and Civil works) - Scottish Livingstone Hospital – Molopolole (Contract Project Sum U\$ 45 mill) Client: Government of Botswana (Ministry of Health)</li> <li>❖ Orapa Mine: Structural Engineer. Responsible for design of various Steelworks including Tower for signal communication.</li> <li>❖ Design Engineer - Lobatse Shopping Complex</li> <li>❖ Consultant Project Leader: - Responsible for general technical and administrative management of the project which included coordination and supervision of consultancy services from scheme design to construction stage for rehabilitation and renovation of the</li> </ul>

Period	Employing organization & title/position held. Contact info for references	Country	Summary of activities performed relevant to the Assignment
			<p>Local Police Training Institute at Kanye, including a 3.5km access road (Client: Government of Botswana - Ministry of Local Government and Development)</p> <ul style="list-style-type: none"> <li>❖ Project Engineer- Molopolole Barclays Bank Design and supervision of construction of Barclays Bank, Molopolole Botswana. Total floor area was 900sqm.</li> <li>❖ Quality Control Assurance Engineer - Botswana Defence Force. (Project sum US\$ 15mill)</li> </ul> <p>Auditing of tender and construction drawings for a proposed Officers' Mess &amp; Auditorium Block for the Botswana Defence Force at SSKB in Gaborone</p>
Jan 1996 to Dec 1998	<p><b>Employer:</b> CARL BRO Consulting Engineers (Dar-es-Salaam, Tanzania)</p> <p><b>Position:</b> Senior Structural Engineer</p>	Tanzania	<ul style="list-style-type: none"> <li>❖ Project Engineer - Tanzania National Provident Fund (NPF)-Development Scheme Project-Phase II</li> <li>❖ Member of the design team - The New Embassy of United States-Dar-es-Salaam. Responsible for preparation of general arrangement (GA) &amp; reinforcement drawings including bar bending schedules. The design was carried out in United States of America, calculations were provided to Carl Bro Consulting Engineers for preparation of construction-working drawings. Periodic site inspections were carried-out under a request of the Client's representative.</li> <li>❖ Design Structural Engineer - Tanzania Cigarette Company (Refurbishment Project)</li> <li>❖ Member of the design team - Tanzania National Provident Fund (NPF) (9 storey-building structure)</li> <li>❖ Project Engineer - New Beef Processing Plant (Abattoir) in Addis Ababa, Ethiopia - Client: Government of Ethiopia (EU and Danish Government funded the project)</li> <li>❖ Member of the design team - New Embassies of Finland and Sweden, Dar-es-Salaam</li> </ul>

**Membership in Professional Associations:**

- Consulting Engineer - Engineers Registration. Board of Tanzania (ERB)
- Professional Engineer - Engineers Registration. Board of Tanzania (ERB)
- Member - Association of Consulting Engineers of Tanzania (ACET)
- Member - Institution of Engineers Tanzania
- Member - Botswana Institution of Engineers
- Associate Member - South African Institution of Civil Engineers (SAICE)

**Languages Skills:**

Language	Speaking	Reading	Writing
English	Fluent	Excellent	Excellent
Kiswahili	Fluent	Excellent	Excellent

**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
Consultancy services for designing and supervision of the construction of prefabricated temperature insulated pharmaceutical storage warehouses for Medical Stores Department (MSD) in Dar-es-Salaam, Dodoma, Mbeya, Tabora and Tanga	<p><b>TANZANIA</b></p> <ul style="list-style-type: none"> <li>✓ Civil/Structural Engineer: Design &amp; construction supervision for Structural and Civil works.</li> <li>✓ Review of all completed designs</li> <li>✓ Quality assurance of all designs and specifications for construction to comply with standard codes.</li> <li>✓ Liaising with Stakeholders (Tanesco, Water Utility Companies, Municipal Councils, NEMC, Fire Departments etc), in all matters relating to the project including facilitation of all permits.</li> </ul>
Consultancy services for designing and supervision of the construction for Frangipani Residential Apartment at Masaki, Dar es salaam	<ul style="list-style-type: none"> <li>✓ Design Structural Engineer –Frangipani Civil/Structural Engineer: Design &amp; construction supervision for Structural and Civil works</li> </ul>
Consultancy services for design and supervision construction of prefabricated temperature insulated pharmaceutical storage warehouses for Rwanda Biomedical Centre in Kigali Project funded by USAID.	<p><b>RWANDA</b></p> <ul style="list-style-type: none"> <li>✓ Civil/Structural Engineer: Design &amp; construction supervision for Structural and Civil works. Liaising with a local partner for supervision of construction of the project</li> </ul>
<p>Consultancy services for designing and supervision of the construction of Scottish Livingstone Hospital in Molopolole Botswana</p> <p>Client: Government of Botswana (Ministry of Health)</p>	<p><b>BOTSWANA</b></p> <ul style="list-style-type: none"> <li>✓ Civil/Structural Engineer: Design and supervision of the construction of civil &amp; structural works</li> </ul>
Consultancy services for design and construction supervision for SOLVOCHEM BULK LIQUID PLANT in Mtwara Port area.	<ul style="list-style-type: none"> <li>✓ (TANZANIA) Civil/Structural Engineer: - Design and construction supervision of structural and civil works including storage</li> </ul>

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	warehouses, drainage systems etc for Mtwara SOLVOCHEM Liquid Bulk Terminal in the Mtwara Port Area including weighing bridge.
<p>Consultancy services for designing and supervision of the construction of Lobatse Metal Hospital Botswana</p> <p>Client: Government of Botswana (Ministry of Health)</p>	<p><b>BOTSWANA</b></p> <ul style="list-style-type: none"> <li>✓ Design Engineer for Structural and Civil works which included three storey building patients wards, two storey building office block and external works.</li> </ul>
<p><b>(List all deliverables/task as in TECH-5 in which the Expert will be involved)</b></p>	<ul style="list-style-type: none"> <li>✓ Supervise construction works from commencement to completion and submit bi-weekly online reports and pictures on to the internet portal as well as by email;</li> <li>✓ Ensure the compliance of the construction works with the subordinate court buildings designs as approved by the Employer and the World Bank;</li> <li>✓ Monitor the building after completion up to the expiry of the Defects Liability Period as defined in the Contract;</li> <li>✓ Assist in Prepare regular financial status reports;</li> <li>✓ Measure and value work in progress and materials on site; certify quality and progress as per the corresponding construction contract entered into with the construction company.</li> <li>✓ Assist the team Leader in preparation and verification of documents that will serve as the basis for payments to construction Contractors. Check contractor's claims and issue interim certificates of payments in accordance with the conditions of contract in place between Judiciary and the contractors.</li> <li>✓ Assist the team Leader in advising the Employer upon contractual/financial claims of Contractors;</li> <li>✓ Measure authorized changes and agree on quantities and cost with Contractor-/Sub Contractors. Estimate the cost effect of proposed changes before instructions are issued for implementation;</li> </ul>

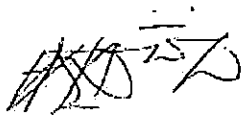
	<ul style="list-style-type: none"> <li>✓ Provide all necessary instructions to the contractor(s) in accordance with the provisions of the contract between Judiciary and the contractor(s);</li> <li>✓ Hold regular site inspections to ensure quality workmanship by the contractor(s);</li> <li>✓ Check and approve As-Built drawings on behalf of the Employer (Judiciary); and operation &amp; maintenance manuals where applicable and ensure that the documents are delivered in both hard and electronic copies to the Employer;</li> <li>✓ Assist and advise the Employer on any dispute or difference arising between the Employer and the Contractor concerning the works. If the dispute cannot be resolved amicably, the parties shall resolve their disputes according to the laws of the Republic of Tanzania;</li> <li>✓ Responsible for undertaking final inspection of the works and assist the Team Leader in issuing the practical completion and handing over certificates;</li> <li>✓ Upon completion of the construction works, assisting in the Team Leader in preparation of final accounts and agree with Contractors;</li> <li>✓ Prepare a Supervision Method Statement as per risk assessment</li> <li>✓ Prepare bi-weekly and monthly reports.</li> </ul>
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**Expert's contact information:** (e-mail: [msambila@teknikon.co.tz](mailto:msambila@teknikon.co.tz) phone +255 767061110)

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Bank.

Eng. Florence Msambila  
Name of Expert



Signature

8th<sup>th</sup>/Nov/2021  
Date: {Day/Month/ Year}



REPUBLIC OF BULGARIA

*Higher Institute of Architecture and Civil Engineering - Sofia*

CERTIFICATE

No. 29243

This is to certify *Florence* *Nyamnyamu Msambila* (Mr. (Mrs., Mis)) born on *11-11-1962* at *Ifakara* at *Tanzania* has been a student in the Faculty of *Civil Engineering* at *Higher Institute of Architecture and Civil Engineering - Sofia* during the academic years *1989-1995* which juridically is equal to a University

In *six* academic years he/she completed the *five* years course of study in the speciality: *Structural Engineering - Department of Structures* prepared all theoretical and practical works provided by the programme and passed successfully all examinations including the State examination.

He/she was granted a Diploma for completed higher education No *018960* on *17-07-1995* and awarded the academic degree of *Civil Engineer / Structures /* corresponding to the *M.Sc. / Civil Eng. /* of English Universities.

*Sofia, 17-07-1995*

RECTOR:



*Handwritten initials or signature in the bottom right corner.*



МИНИСТЕРСТВО НА ИСТОРИКО-ПАМЯТНИЦИТЕ

572



L. Ministère des Affaires Étrangères  
de la R. de Bulgarie, Département  
Consulaire certifie l'authenticité de  
la signature et du sceau de  
Ministère de la Culture de la Bulgarie  
et de l'Éducation

552919 31. JULI 195

Seen for legalisation of the seal and  
signature of *Suzanna Nicolova*  
official at the Ministry  
of Foreign Affairs  
This *28* day of *August*  
19 *55* at British Embassy, Consular  
Section, Sofia.



BRITISH VICE-CONSUL  
SOFIA



ENGINEERS REGISTRATION BOARD  
TANZANIA



Certificate  
of Registration

(Under the Engineers Registration Act, 1997)

It is hereby certified that

**Florence N. Msambila**

having satisfied the requirements for registration as a

**CONSULTING ENGINEER**

under the provisions of the Engineers Registration Act, 1997, was

registered as such on the 30<sup>th</sup> day of March, 2009

in the specialized field of Civil engineering

and was given registration number 220

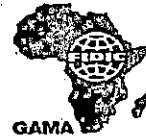
Sealed and given under our hands at Dar es Salaam

this 14<sup>th</sup> day of April, 2009

Eng. S. D. M. Mlote  
Registrar

Eng. Prof. N. M. Lema  
Chairman

Eng. M. M. Rubinyo  
Board Member



ASSOCIATION OF  
CONSULTING

ACET

ENGINEERS  
TANZANIA

# Certificate of Membership

We hereby certify that

**FLORENCE N. MSAMBILA**

is registered as

**MEMBER**

of

**Association of Consulting Engineers Tanzania**

and was given membership No. **115**

The Engineer is now hereby authorised to use the style and title of

**M.Cons. E (Tz)**

Dated this *13<sup>th</sup>* day of *May* 2011

*[Signature]*  
Chairman

*[Signature]*  
Executive Secretary

*[Handwritten mark]*

**THE  
INSTITUTION OF ENGINEERS TANZANIA**

*(Established 1975)*

This is to certify that

**Florence N. Msambila**

was on **9<sup>th</sup> November, 2000** elected

**MEMBER**

**(Membership number M 1004)**

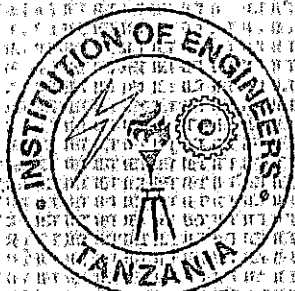
of

**The Institution of Engineers Tanzania**

*a Society constituted to promote the  
general advancement of the Science and Practice  
of Engineering and its applications*

**WITNESS our hands and Seal on**

**This 12<sup>th</sup> day of February, 2001**



*MR. M. M. M. M.*

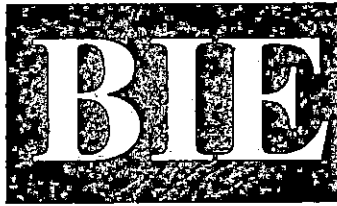
**President**

*M. Kabemere*

**Honorary Secretary**

*AT*





# Botswana Institution of Engineers

This is to certify that

Florence N. Msambila

Was elected to the class of

Member

On

26 Sept, '01

and is entitled to all the privileges as provided by the constitution  
and the bye-laws of the institution

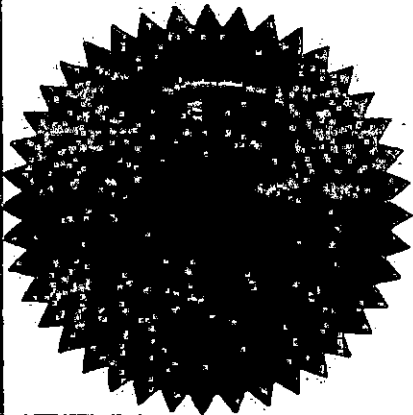
Membership No. B1700051601

C. Anson

President

[Signature]

Secretary



Botswana Institution of Engineers  
P. O. Box 40535  
Gaborone  
Botswana

This certificate remains the property of the Botswana Institution of Engineers

*[Handwritten mark]*



# The South African Institution of Civil Engineering

This certifies that

*Florence Mzambila*

is duly elected as

*Associate Member*

*Member no: 201570*

of

The South African  
Institution of Civil Engineering

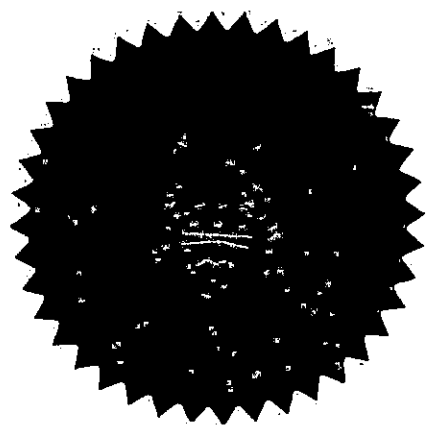
on

*6 November 2001*

Issued under the seal of the Institution  
Under resolution of the Council

President

Executive Director



**CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF**

<b>Discipline</b>	Civil/Structural engineer
<b>Name of Expert:</b>	Robert D. Lubuva
<b>Date of Birth:</b>	28 December, 1971
<b>Country of Citizenship/Residence</b>	Tanzania

Proposed Position: Civil/structure Engineer

Name of Firm: TEKNICON LTD

Name of Staff: Eng. Robert D. Lubuva

Profession: Structural & Civil Engineering

Date of Birth: 28 December, 1971

Years with Firm: 9 Years      Nationality: Tanzania

Membership in Professional Societies:

- Consulting Engineer - Engineers Registration. Board of Tanzania (ERB)
- Professional Engineer - Engineers Registration. Board of Tanzania (ERB)
- Member - Association of Consulting Engineers of Tanzania (ACET)
- Member - Institution of Engineers Tanzania
- Member - Botswana Institution of Engineers
- Associate Member - South African Institution of Civil Engineers (SAICE)

**Education:**

- M.Sc. International Construction Management form University of Bath, 2017 - UK.
- M.Sc. (Eng) - Project Management from University of Dar es Salaam 2008 - Tanzania.
- PGD. (Scientific Computing) University of Dar es Salaam, 2004, - Tanzania.
- ADE. (Civil/Structural Engineering) from Dar es Salaam Institute of Technology, 2002 - Tanzania

**Other Training:**

- 6th International Conference on 'The Role Of Engineers in Meeting Millennium Development Goals in lesser Economies' 10th -12th December 2008, AICC, Arusha-Tanzania
- Project Management course, November 11th-13th, 2007, Protea Court yard hotel, Dar es salaam Tanzania.
- FIDIC course for practising Engineers, 18th-20th July 2007 Luther house Mviringo hall, Dar es salaam Tanzania
- FIDIC course for practising Engineers, 1st-3rd March 2006 Luther house Mviringo hall, Dar es salaam Tanzania
- Short professional course on "Concrete failure and cure" by Tshwane University of Technology (South Africa) and Dar es salaam Institute of Technology, May 2004, Dar es salaam Tanzania
- Microsoft Certified Systems Engineering (MCSE), New Horizons institute, Dar es salaam Tanzania (2005)
- Project Management course with Microsoft Project 2000, 17th-21st May 2004, Institute of Management and Information Technology (IMIT), Luther House Dar es salaam, Tanzania

**Detailed Tasks Assigned:**

*f* *A*

Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
Sep.2009 to date	<p><b>TEKNICON LTD</b>            Position: Director /Senior Structural Engineer and Project Manager</p> <p>Contact reference:            Tel: + 255-22-2700403            Mob: +255-767061110            info@teknicon.co.tz</p>	Tanzania	<ul style="list-style-type: none"> <li>• <b>Engineer (Civil/Structural works):</b>              Design and Construction supervision for new Warehouses including office Block for Medical Store Department (MSD) under USAID and Global Fund in different parts of Tanzania Mainland including at KEKO in Dar Es salaam, MBEYA, DODOMA, TABORA and TANGA.</li> <li>• <b>Engineer (Civil/Structural works)::</b>              Civil and structural engineering design and construction supervision for a modern Bulk Liquid Terminal in Mtwara for Solvochem (T) in Mtwara Region</li> <li>• <b>Civil/Structural Engineer:</b>              Civil and structural engineering design and construction supervision for Royal soap industry for Mohamed Enterprises Ltd at Mabibo area in Dar es Salaam</li> <li>• <b>Civil/Structural Engineer:</b>              Civil and structural engineering design and construction supervision for four storey residential apartment for Mr. Ben Mashiba at Mikocheni area in Dar es Salaam</li> <li>• <b>Civil/Structural Engineer:</b>              Civil and structural engineering design and construction supervision for two storey office block for Tanzania Cigarette Company Ltd at Njiro Hill in Arusha City</li> </ul>
Jul. 2003 to Dec. 2009	<p><b>COWI Tanzania – Consulting Engineers and planners Ltd</b>            Position: Senior Structural Engineer and Project Manager.</p> <p>Contact reference:            Thomas Sorensen (Managing Director)            Mob: +255 754 222 031</p> <p>Mob:            Email: tss@cowi.co.tz</p>	Tanzania	<ul style="list-style-type: none"> <li>• <b>Civil/Structural Engineer:</b>              Design and Supervision of 22 storey VIVA Towers with commercial floors, parking floors and apartments at Ali Hassan Mwinyi Road, Dar es salaam</li> <li>• <b>Civil/Structural Engineer:</b>              Design of multipurpose supermarket (DAR Village) with large supermarkets, very huge parking lots, food courts, bowling alleys, cinema halls and let-able offices at Garden Road, Mikocheni Dar es salaam.</li> <li>• <b>Civil/Structural Engineer:</b>              Civil and structural Design and detailing of large compound with Car showrooms maintenance courts, stores and Bonded warehouse for DT Dobie Tanzania Ltd at Nyerere Road, Dar es salaam</li> <li>• <b>Civil/Structural Engineer:</b>              Structural design of all structural elements and preparation of general structural arrangement for 7 storey car park at Portal Avenue - Kampala Uganda</li> </ul>

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Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
			<ul style="list-style-type: none"> <li>• <b>Civil/Structural Engineer:</b> Design and supervision of construction of a 14 storeys Exim tower to be used as a banking hall at the ground floor and the rest as offices at garden avenue, Dar es Salaam</li> <li>• <b>Civil/Structural Engineer:</b> Structural analysis and design of the 5-storey office block for the Centre for Diseases Control (CDC) &amp; National Institute of Medical Research (NIMR) at Ocean Road in Dar es Salaam</li> <li>• <b>Civil/Structural Engineer:</b> Structural design and supervision of the 5-storey office block for the Tanzania Civil Aviation Authority (TCAA) at Mwalimu Nyerere International Airport in Dar es Salaam</li> <li>• <b>Civil/Structural Engineer:</b> Structural design and construction supervision of 2 storeys main factory building, Unitank area and malt handling unit, 3 storeys Administration block, and utility buildings of various sizes for Serengeti Breweries Ltd at Nyakato Industrial area, Mwanza.</li> <li>• <b>Structural Engineer/Project Manager:</b> Analysis and design of the head office compound for Jehovah's Witnesses consisting of 2-storey residential blocks, Office and services building, Kingdom hall, warehouse, Water house, covered car parks, Drainage system and waste treatment plant structures at Mbezi Beach in Dar es Salaam.</li> <li>• <b>Civil/Structural Engineer:</b> Structural design, detailing and supervision of the Ocean Paradise Beach Resort, a tourist class hotel in the Northern beach of Zanzibar Island. Project value was Tsh. 5,600,000,000 VAT exclusive. The clients was Arabian Ventures Holdings Company from Bahrain</li> </ul>
May 2002 to Jun. 2003	<p><b>Interconsult Ltd – Consulting Engineers</b> Position: Structural/CAD Engineer</p> <p>Contact reference: Eng. Henry J. Chacky (Managing Director) Mob: +255-754292771 Email: md@interconsult.co.tz</p>	Tanzania	<ul style="list-style-type: none"> <li>• <b>Structural Engineer:</b> Structural / CAD Engineer - Design, detailing and supervision of Construction of classes and staff houses for the Micheweni Islamic College in Pemba. The client was Revolutionary Government of Zanzibar.</li> <li>• <b>Structural Engineer:</b> Rehabilitation of various bridges along TANZAM highway Responsible for Feasibility study and Detailed Survey, Engineering Design of bridge rehabilitation works including preparation of Engineering drawings for all bridges.</li> </ul>

Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
			<ul style="list-style-type: none"> <li><b>Structural Engineer:</b> Design, detailing and construction supervision of office Accommodation for the Oxford University Press at Mikocheni, Dar es salaam the Client was Oxford University Press</li> <li><b>Structural Engineer:</b> Design, Detailing and construction supervision of the three-storey office accommodation for Interconsult Ltd at Kijitonyama, Dar es salaam. the client was Inter Real Estate in JV with Interconsult Ltd</li> </ul>

#### Membership in Professional Associations

- Consulting Engineer - Engineers Registration Board of Tanzania (CEng-TZ)
- Professional Engineer - Engineers Registration Board of Tanzania (PEng-TZ)
- Member - Institution of Engineers Tanzania (MIET)
- Member - Project Management Association of Tanzania (PMAT)
- Registered EIA Expert – National Environment Management Council of Tanzania (NEMC)

#### Languages Skills:

Language	Speaking	Reading	Writing
English	Fluent	Excellent	Excellent
Kiswahili	Fluent	Excellent	Excellent

#### Adequacy for the Assignment:



Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
	<ul style="list-style-type: none"> <li><b>Civil/Structural Engineer:</b> Design and Supervision of 22 storey VIVA Towers with commercial floors, parking floors and apartments at Ali Hassan Mwinyi Road, Dar es salaam</li> <li><b>Civil/Structural Engineer:</b> Structural design of all structural elements and preparation of general structural arrangement for 7 storey car park at Portal Avenue - Kampala Uganda</li> <li><b>Civil/Structural Engineer:</b> Civil and structural engineering design and</li> </ul>

A A

	<p>construction supervision for four storey residential apartment for Mr. Ben Mashiba at Mikocheni area in Dar es Salaam</p> <ul style="list-style-type: none"> <li>• <b>Civil/Structural Engineer:</b> Civil and structural engineering design and construction supervision for two storey office block for Tanzania Cigarette Company Ltd at Njiro Hill in Arusha City</li> <li>• <b>Civil/Structural Engineer:</b> Design and supervision of construction of a 14 storeys Exim tower to be used as a banking hall at the ground floor and the rest as offices at garden avenue, Dar es Salaam</li> <li>• <b>Civil/Structural Engineer:</b> Structural analysis and design of the 5-storey office block for the Centre for Diseases Control (CDC) &amp; National Institute of Medical Research (NIMR) at Ocean Road in Dar es Salaam</li> <li>• <b>Civil/Structural Engineer:</b> Structural design and construction supervision of 2 storeys main factory building, Unitank area and malt handling unit, 3 storeys Administration block, and utility buildings of various sizes for Serengeti Breweries Ltd at Nyakato Industrial area, Mwanza.</li> <li>• <b>Structural Engineer/Project Manager:</b> Analysis and design of the head office compound for Jehovah's Witnesses consisting of 2-storey residential blocks, Office and services building, Kingdom hall, warehouse, Water house, covered car parks, Drainage system and waste treatment plant structures at Mbezi Beach in Dar es Salaam.</li> <li>• <b>Civil/Structural Engineer:</b> Structural design, detailing and supervision of the Ocean Paradise Beach Resort, a tourist class hotel in the Northern beach of Zanzibar Island. Project value was Tsh. 5,600,000,000 VAT exclusive. The clients was Arabian Ventures Holdings Company from Bahrain</li> <li>• <b>Structural Engineer:</b> Structural / CAD Engineer - Design, detailing and supervision of Construction of classes and staff houses for the Micheweni Islamic College in Pemba. The client was Revolutionary Government of Zanzibar.</li> </ul>
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**Certification:**

I, the undersigned, certify that these data correctly describe me, my qualifications, and my experience.

Eng. Florence Msambila



8<sup>th</sup>/Sept/2021

Name of Expert

Signature

Date: {Day/Month/ Year}





The University of Bath



We hereby certify that

**ROBERT DAMIAN LUBUVA**

has been awarded the degree of

**MASTER OF SCIENCE  
IN INTERNATIONAL CONSTRUCTION MANAGEMENT**

Vice-Chancellor

Director of Academic Registry

Dean of Faculty of  
Engineering & Design

By authority of the Senate

27 June 2017

# UNIVERSITY OF DAR ES SALAAM



*This is to certify*  
that  
*Robert Damian*

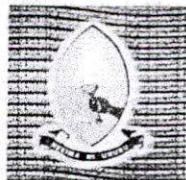
having satisfied the requirements for the award of the

## MASTERS IN ENGINEERING MANAGEMENT

was admitted to the degree at a congregation  
held in DAR ES SALAAM, on the  
*Twenty Eighth day of November,*  
*in the year Two thousand and nine*

*K. M. M. M. M. M.*

Vice Chancellor



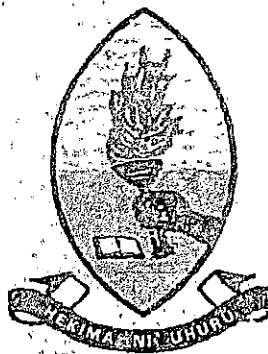
*[Signature]*

Deputy Vice Chancellor  
(Academic, Research and Consultancy)

MEM000200

*[Handwritten marks]*

# UNIVERSITY OF DAR ES SALAAM



*This is to certify*

that

*Robert Damian*

having satisfied the requirements for the award of the

## POSTGRADUATE DIPLOMA IN SCIENTIFIC COMPUTING

was admitted to the postgraduate diploma at a congregation

held in DAR ES SALAAM, on the

*Twenty Seventh day of November.*

*in the year Two thousand and four.*

Vice-Chancellor



Chief Academic Officer

PGDSC000160

*fb A*

# The National Examinations Council of Tanzania



## Advanced Diploma in Engineering

This is to certify that **ROBERT DAMIAN**

Index No. **U001-0142**

of Dar es Salaam Institute of Technology

sat for the Advanced Diploma

IN **BUILDING & CIVIL ENGINEERING**

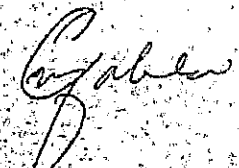
held in **MAY 2002**

and qualified for the award of this Advanced Diploma.

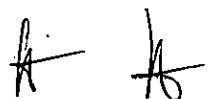
  
Chairman



Not valid without a hologram.  
This is a secure document using  
special inks and paper.  
Hold this document to the light  
to verify a Giraffe can be seen  
through the paper.

  
Executive Secretary

TD No. **004265**





**UNITED REPUBLIC OF TANZANIA**  
**ENGINEERS' REGISTRATION BOARD**

**Certificate of Registration**

(Under the Engineers' Registration Act, 1997)

It is hereby certified that  
**Robert D. Libuva**

having satisfied the requirements for registration as a

**CONSULTING ENGINEER**

under the provisions of the Engineers' Registration Act, 1997 was

registered as such on the 6<sup>th</sup> day of June 2014

in the Specialized field(s) of **Civil/Structural** engineering and was

given registration number **323**

sealed and given under our hands at Dar es Salaam

this **4<sup>th</sup>** day of **July**, 2014

*(Signature)*  
 Registrar

*(Signature)*  
 Board Member

*(Signature)*  
 Chairman

Not valid without photograph of the bearer and practising licence

*(Signature)*

**THE  
INSTITUTION OF ENGINEERS TANZANIA**

*(Established 1975)*

This is to certify that

Robert Damian Lubuva

was on 12<sup>th</sup> June 2014 elected

**MEMBER**

(Membership number M 1529)

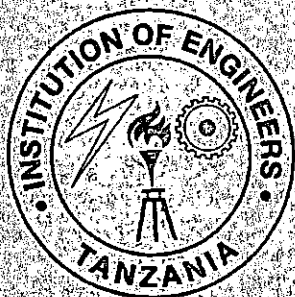
of

**The Institution of Engineers Tanzania**

*a Society constituted to promote the  
general advancement of the Science and Practice  
of Engineering and its applications*

**WITNESS our hands and Seal on**

This 20<sup>th</sup> day of June, 2014



*[Handwritten signature]*

**President**

*[Handwritten signature]*

**Honorary Secretary**

*[Handwritten marks]*



NATIONAL ENVIRONMENT MANAGEMENT COUNCIL

## ENVIRONMENTAL EXPERTS' CERTIFICATE

*(Issued under Regulations 19(2), 21(2) & 26 of the Environmental  
(Registration of Environmental Experts) Regulations, 2005)*

Certificate No. NEMC/EIA/084

Expert Registration No. NEMC/EIA 0576

***This is to certify that***

ROBERT DAMIAN LUBUVA of

P. O. BOX 13353, DAR ES SALAAM has

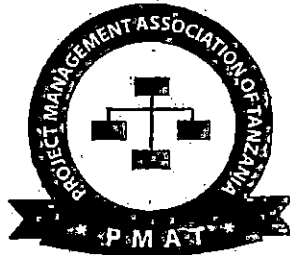
*been registered as an Environmental Expert in accordance with the  
provisions of the Environmental Management Act Cap. 191 and is  
authorized to practise in the capacity of an Environmental Impact  
Assessment Expert in Tanzania*

Dated this 24<sup>th</sup> day of APRIL 2015

Director General

**PROJECT MANAGEMENT ASSOCIATION  
OF TANZANIA**

**P.O. Box 76884  
Dar es Salaam, Tanzania**



**Certificate**

**This is to Certify that**

***Eng. Robert Damiani***

-----  
**is a founder member of Project Management  
Association of Tanzania**

-----

*President*

-----

*Secretary General*

*A A*



## CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

<b>Position Title</b>	Civil/Structural engineer
<b>Name of Expert:</b>	Eng. Mbaraka M. Shaffi
<b>Date of Birth</b>	25th December 1962
<b>Country of Citizenship/Residence</b>	Tanzania

### EDUCATION:

- BSc Degree in Civil Engineering-Bogazici University, Istanbul-Turkey

### OTHER TRAINING:

- Certificate of Accomplishment in Best practice Project Management-Terrapinn Training, Botswana
- Certificate of attendance in Advance Project Management, Botswana University-Botswana
- Certificate of attendance in Accidents and Incidents Investigation, IDM-Botswana

### EMPLOYMENT RECORD RELEVANT TO THE ASSIGNMENT:

Period	Employing organization & title/position held. Contact info for references	Country	Summary of activities performed relevant to the Assignment
Jan 2009 - Jan 2009	<b>Employer :</b> Western Engineers Construction Company  <b>Position :</b> Site Engineer  <b>For references:</b> westernengineersltd@gmail.com	Tanzania	<b>Activities Performed:</b>  ❖ Resident Engineer responsible for construction supervision of projects
Aug 2007 - Aug 2007	<b>Employer:</b> Sladden International (Botswana)  <b>Position:</b> Project Engineer  <b>For references:</b> 9270 MMADINARE ROAD, DUMELA INDUSTRIA BOTSWANA Botswana +267-2416001	Botswana	❖ Resident Engineer responsible for construction supervision of projects
May 2003	<b>Employer:</b> Geoflux	Botswana	❖ Resident Engineer responsible for managing



Period	Employing organization & title/position held. Contact info for references	Country	Summary of activities performed relevant to the Assignment
- July 2005	Consultants (Botswana)  Position: Section Construction (Orapa mines-Botswana)  For references: mail: <a href="mailto:geoflux@info.bw">geoflux@info.bw</a> Phone: +267 244 0067		all Construction Projects in terms of cost, time, quality and safety and all resources associated with the projects; to provide technical support for the implementation of projects controls; to manage scope changes, deviations and decisions as regards the capital projects
Sept 2001 - April 2003	Employer: TTCS Consulting Engineers (Gaborone, Botswana)  Position: Senior Civil/Structural Design Engineer  For references: Tel +267 395 2006 / +267-72105060 e-mail: <a href="mailto:tcs@info.bw">tcs@info.bw</a> Mr. T. Mothimatsela, Managing Director	Botswana	❖ Structural Engineer Responsible for design, produce drawings and supervise contractors to ensure that works conform to the specifications and standards
Nov 1996 - Aug 2001	Employer: Nicrel Consulting Engineers-Botswana  Position: Civil/Structural Design	Botswana	❖ Design and construction supervision; to provide all technical aspects and associated management
Nov 1996 - Aug 2001	Employer: Nicrel Consulting Engineers-Botswana  Position: Civil/Structural Design	Botswana	❖ Design and construction supervision; to provide all technical aspects and associated management
April 1995- Oct1996	Employer: Bish International (Tanzania)-Tanzania  Position: Civil Design Engineer	Tanzania	❖ Engineer responsible for design and supervision; to provide all technical aspects and associated management
Jan 1994-Apr 1995	Employer: Leco Engineer and Builders Tanzania  Position: Site Engineer	Tanzania	❖ Site Engineer - Site supervision, Coordinating activities and general site management
Oct 1992- Oct 1993	Employer: Josef Riepl (Tanzania branch)	Tanzania	❖ Engineer responsible for maintaining

*[Handwritten signatures]*

Period	Employing organization & title/position held. Contact info for references	Country	Summary of activities performed relevant to the Assignment
	Position: Quarry Quality Controller		standards and specification of Quarry produced material (Subbase, Base, Concrete stones and Road surfacing stones)

**Membership in Professional Associations:**

- Professional Engineer - Engineers Registration. Board of Tanzania (ERB)
- Member - Institution of Engineers Tanzania

**Languages Skills:**

Language	Speaking	Reading	Writing
English	Fluent	Excellent	Excellent
Kiswahili	Fluent	Excellent	Excellent

**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
Consultancy services for designing and supervision of the construction of civil and structural works.	<p><b>Design Engineer of the following Project (Tanzania)</b></p> <p>Design and supervision; to provide all technical aspects and associated management</p> <ul style="list-style-type: none"> <li>❖ Extension to Muhimbili Orthopaedic Department</li> <li>❖ Extension of Kioo Factory Ltd-Dar-es-Salaam</li> <li>❖ Pugu Workshop for Tanzania Railways Authority</li> <li>❖ Infrastructure to Industrial Area-Dodoma This included Site supervision on construction of roads, water reticulation and sewerage reticulation.</li> </ul> <p><b>Civil/Structural Engineer of the following Project -Botswana</b></p> <ul style="list-style-type: none"> <li>❖ Civil and structural design for Lobatse Referral Mental Hospital, 350 beds.</li> <li>❖ Otse Police College – This included design of Four storeys Building Three Dormitories, Classrooms, Theatre hall and external work such as paved driveways, stormwater management and sewer reticulation.</li> </ul>

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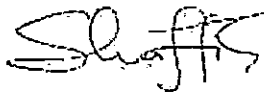
	<ul style="list-style-type: none"> <li>❖ Civil Engineer – Design and Construction supervision of New Department of Culture Building including associated external works.</li> <li>❖ Civil Engineer:- Damshaa mine infrastructure- sewerage system, water reticulation, structural design to administration block, security block, plant room, and machinery control centre and sub-station house</li> <li>❖ Civil Design Engineer for Rehabilitation of Dukwe Police Station including infrastructure works.</li> <li>❖ Upgrading of Orapa Hospital – The design included vertical extension of theatre, new canteen, expansion of pharmacy, dental clinic and OPD. During the construction phase I was assign to be the Resident Engineer of the Project.</li> <li>❖ Civil Design Engineer – Rehabilitation of Phikwe Department of Agriculture infrastructure works.</li> <li>❖ Design Engineer – Rehabilitation of Department of Transport in Phikwe. Project Engineer - New Kweneng District Council – The work involved design and construction of a three storey Council Building including associated external works.</li> </ul>
<p><b>(List all deliverables/task in which the Expert will be involved)</b></p>	<ul style="list-style-type: none"> <li>✓ Supervise construction works from commencement to completion and submit bi-weekly online reports and pictures on to the internet portal as well as by email;</li> <li>✓ Ensure the compliance of the construction works with the subordinate court buildings designs as approved by the Employer and the World Bank;</li> <li>✓ Monitor the building after completion up to the expiry of the Defects Liability Period as defined in the Contract;</li> <li>✓ Assist in Prepare regular financial status reports;</li> <li>✓ Measure and value work in progress and materials on site; certify quality and progress as per the corresponding construction contract entered into with the construction company.</li> <li>✓ Assist the team Leader in preparation and</li> </ul>

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	<p>verification of documents that will serve as the basis for payments to construction Contractors. Check contractor's claims and issue interim certificates of payments in accordance with the conditions of contract in place between Judiciary and the contractors.</p> <ul style="list-style-type: none"> <li>✓ Assist the team Leader in advising the Employer upon contractual/financial claims of Contractors;</li> <li>✓ Measure authorized changes and agree on quantities and cost with Contractor-/Sub Contractors. Estimate the cost effect of proposed changes before instructions are issued for implementation;</li> <li>✓ Provide all necessary instructions to the contractor(s) in accordance with the provisions of the contract between Judiciary and the contractor(s);</li> <li>✓ Hold regular site inspections to ensure quality workmanship by the contractor(s);</li> <li>✓ Check and approve As-Built drawings on behalf of the Employer (Judiciary); and operation &amp; maintenance manuals where applicable and ensure that the documents are delivered in both hard and electronic copies to the Employer;</li> <li>✓ Assist and advise the Employer on any dispute or difference arising between the Employer and the Contractor concerning the works. If the dispute cannot be resolved amicably, the parties shall resolve their disputes according to the laws of the Republic of Tanzania;</li> <li>✓ Responsible for undertaking final inspection of the works and assist the Team Leader in issuing the practical completion and handing over certificates;</li> <li>✓ Upon completion of the construction works, assisting in the Team Leader in preparation of final accounts and agree with Contractors;</li> <li>✓ Prepare bi-weekly and monthly reports.</li> </ul>
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**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Bank.



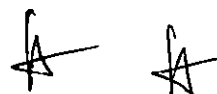
Eng. Mbaraka M. Shaffi

Name of Expert

Signature

8<sup>th</sup>/Nov/2021

Date: {Day/Month/ Year}



REPUBLIC OF TURKEY  
BOĞAZIÇI UNIVERSITY  
ISTANBUL


HAVING SATISFACTORILY COMPLETED ALL THE REQUIREMENTS  
OF THE FACULTY OF ENGINEERING

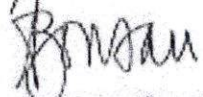
*Mbaraka M. Shaffi*

HAS BEEN AWARDED THE DEGREE OF

**BACHELOR OF SCIENCES IN** *Civil Engineering*

WITH ALL THE RIGHTS, HONORS AND PRIVILEGES APPERTAINING  
THEREUNTO ON *14 February 1991*

  
Prof. Dr. ERGÜN TOĞROL  
RECTOR

  
Prof. Dr. Z. ILSEN ÖNSAN  
DEAN

(OFFICIAL ENGLISH VERSION)

# ENGINEERS REGISTRATION BOARD TANZANIA



## Certificate of Registration

Under the Engineers Registration Act, 1997

It is hereby certified that

**Mbaraka M. Skaffi**

having satisfied the requirements for registration as a

# PROFESSIONAL ENGINEER

under the provisions of the Engineers Registration Act, 1997, was

registered as such on the **26<sup>th</sup>** day of **November, 1999**

in the discipline of **Civil** engineering

and was given registration number **1991**

Sealed and given under our hands at Dar es Salaam

this **23<sup>rd</sup>** day of **February, 2001**

*[Signature]*

Registrar

*[Signature]*

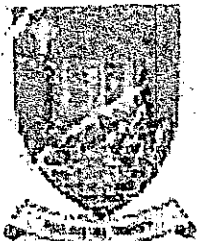
Board Member

*[Signature]*

Chairman

*[Handwritten initials]*





UNIVERSITY OF BOTSWANA  
FACULTY OF ENGINEERING AND TECHNOLOGY

***Certificate of attendance***

This is to certify that

**Mbaraka M. Shaffi**

has attended a course on

***Advanced Project Management***

*For the period April 26, 2006 to April 28, 2006.*

A handwritten signature in black ink, appearing to read 'J. Mothibi'.

*Dr. J. Mothibi, Course Director*

Handwritten marks resembling the letter 'A' or a stylized signature in the top right corner.

# CURRICULUM VITAE (CV) FOR ENGINEER ARNOLD RUTAINURWA

<b>Professional.</b>	Civil Engineer
<b>Name of Expert:</b>	Arnold Gaspar Rutaindurwa
<b>Date of Birth:</b>	02 May, 1977
<b>Country of Citizenship/Residence</b>	Tanzania

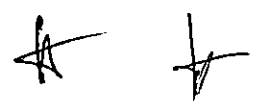
**Education:**

- B.Sc. Engineering (Civil) from University of Dar es Salaam 2002 -Tanzania.
- ACSEE. (Physics, Chemistry, Mathematics-PCM) from Usagara Secondary School, 1997 - Tanzania.
- CSEE. From Azania Secondary School, 1994 - Tanzania.

Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
June.2019 to date	<b>TEKNICON LTD</b> Position: Civil/Structural Engineer	Tanzania	<ul style="list-style-type: none"> <li>• <b>Structural Engineer:</b> Design of the Referral and Teaching Hospital for The Revolutionary Government of Zanzibar at Binguni in ZANZIBAR.</li> </ul>
Dec. 2015 to Jan. 2019	<b>S&amp;F Consultancy Ltd – Consulting Engineers and Project managers</b> Position: Resident Engineer.	Tanzania	<ul style="list-style-type: none"> <li>• <b>Civil/Structural Engineer:</b> Supervision the Construction of 7 storeys Hyatt Regency 77 Hotel (5 Star Hotel), Car parking, Large swimming pool, Banquet hall, meeting room, Design of Roof restaurant, pool bar, two storey building for shop, gym block, all with green roof (plants on roof), at Kijenge Sekel in Arusha. Project initial cost USD 30, 000,000.</li> </ul>
May 2009 to Nov. 2015	<b>LOMO Consult Ltd – Engineers, Surveyors and Planner</b> Position: Civil/Structural Engineer	Tanzania	<p><b>Teknicon Ltd (Dar-es-Salaam, Tanzania)</b> <b>Structural Engineer:</b> Design of the Referral and Teaching Hospital for The Revolutionary Government of Zanzibar at Binguni in ZANZIBAR.</p> <p><b>S&amp;F Consultancy Ltd – Consulting Engineers and Project managers</b> Position: Resident Engineer.</p> <p>Supervision the Construction of 7 storeys Hyatt Regency 77 Hotel (5 Star Hotel), Car parking, Large swimming pool, Banquet hall, meeting room, Design of Roof restaurant, pool bar, two storey building for shop, gym block, all with green roof (plants on roof), at Kijenge Sekel in Arusha. Project initial cost USD 30, 000,000.</p> <p><b>LOMO Consult Ltd – Engineers, Surveyors and Planner</b> Position: Civil/Structural Engineer</p>

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Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
			<ul style="list-style-type: none"> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of the Luxury Hotel Part III, 15 floors with helipad on top for NSSF in Mwanza Municipality, Mwanza.</li> <li>• <b>Resident/Structural Engineer:</b> Structural / CAD Engineer - Design, detailing and Construction supervision of 10 Storeys include basement of the Kilimanjaro Commercial Complex, it includes hotel, Conference hall, Supermarket, shop and parking, on plot No. 7, 8 &amp; 9 Agakhan Road in Moshi municipality, Kilimanjaro .</li> <li>• <b>Civil/Structural Engineer:</b> Design, detailing, preparation of tender documents, procurement of Contractors and Construction Supervision of Infrastructure Supporting Program in Wildlife Management Areas (WMAs) through Cash-for-Work (C4W). The financial Crisis at Burunge WMA in Babati, Manyara Region, Enduimet WMA in Longido, Arusha Region, Ikona WMA in Serengeti, Mara Region, Mbomipa, Iringa Region and Ipole in Tabora Region –Tanzania. Financed by USAID.</li> <li>• <b>Structural Engineer:</b> Supervision of Regional Office building for National Audit Office in Sumbawanga, Rukwa.</li> <li>• <b>Structural Engineer</b> Supervision of of PCCB office Buildings Mpanda in Rukwa Region, Babati in Manyara Region and Kiomboi in Singida Region.</li> <li>• <b>Resident/Structural Engineer:</b> Construction Supervision of College of Health Science in the University of Dodoma (UDOM), in Dodoma</li> <li>• <b>Structural Engineer:</b> Designing and detailing of 4 storey Mosque and Madrasa for Jamaat Ansar-SUNNA, Box 4740, DSM at of Mwinjuma road Kinondoni in Kinondoni Municipality, Dar es Salaam.</li> <li>• <b>Structural Engineer:</b> Design, Detailing and construction supervision of five Storey Building for Mr. Abbas G. Tarimba at old Kinondoni in Kinondoni Municipality, Dar es Salaam.</li> <li>• <b>Structural Engineer:</b> Design, detailing and Supervision of 2 storey Labour Court for The United Republic of Tanzania The Judiciary The High Court of Tanzania on plot</li> </ul>



Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
			<p>No. 2-4 Block D Kinondoni, Dar es Salaam.</p> <ul style="list-style-type: none"> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of 4 storeys Police Dormitory, for Ministry for Home Affairs to be built at Police kilwa road, Temeke Municipality, DSM.</li> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of 6 storeys Residential and Commercial building for Mr. Mokiwa A. Himid at Mbezi on Plot No. 314 Block 'D' in Kinondoni municipality, Dar es Salaam.</li> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of 7 storeys building for Mr. Mkwama on plot No. 1212 block 'A' at Buguruni in Ilala Municipality, Dar es Salaam.</li> </ul>
Mar. 2007 to Mar. 2009	<b>ABEL Contractors Ltd –</b> Position: <b>Project Civil Engineer.</b>	Tanzania	<p><b>Teknicon Ltd (Dar-es-Salaam, Tanzania)</b>  <b>Structural Engineer:</b>            Design of the Referral and Teaching Hospital for The Revolutionary Government of Zanzibar at Binguni in ZANZIBAR.</p> <p><b>S&amp;F Consultancy Ltd – Consulting Engineers and Project managers</b>            Position: Resident Engineer.</p> <p>Supervision the Construction of 7 storeys Hyatt Regency 77 Hotel (5 Star Hotel), Car parking, Large swimming pool, Banquet hall, meeting room, Design of Roof restaurant, pool bar, two storey building for shop, gym block, all with green roof (plants on roof), at Kijenge Sekei in Arusha. Project initial cost USD 30, 000,000.</p> <p><b>LOMO Consult Ltd – Engineers, Surveyors and Planner</b>            Position: Civil/Structural Engineer</p> <ul style="list-style-type: none"> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of the Luxury Hotel Part III, 15 floors with helipad on top for NSSF in Mwanza Municipality, Mwanza.</li> <li>• <b>Resident/Structural Engineer:</b> Structural / CAD Engineer - Design, detailing and Construction supervision of 10 Storeys include basement of the Kilimanjaro Commercial Complex, it includes hotel, Conference hall, Supermarket, shop and parking, on plot No. 7, 8 &amp; 9 Agakhan Road in Moshi municipality, Kilimanjaro .</li> <li>• <b>Civil/Structural Engineer:</b> Design, detailing, preparation of tender documents, procurement of Contractors and Construction Supervision of Infrastructure Supporting Program</li> </ul>

Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
			<p>in Wildlife Management Areas (WMAs) through Cash-for-Work (C4W). The financial Crisis at Burunge WMA in Babati, Manyara Region, Enduimet WMA in Longido, Arusha Region, Ikona WMA in Serengeti, Mara Region, Mbomipa, Iringa Region and Ipole in Tabora Region –Tanzania. Financed by USAID.</p> <ul style="list-style-type: none"> <li>• <b>Structural Engineer:</b> Supervision of Regional Office building for National Audit Office in Sumbawanga, Rukwa.</li> <li>• <b>Structural Engineer</b> Supervision of of PCCB office Buildings Mpanda in Rukwa Region, Babati in Manyara Region and Kiomboi in Singida Region.</li> <li>• <b>Resident/Structural Engineer:</b> Construction Supervision of College of Health Science in the University of Dodoma (UDOM), in Dodoma</li> <li>• <b>Structural Engineer:</b> Designing and detailing of 4 storey Mosque and Madrasa for Jamaat Ansar-SUNNA, Box 4740, DSM at of Mwinjuma road Kinondoni in Kinondoni Municipality, Dar es Salaam.</li> <li>• <b>Structural Engineer:</b> Design, Detailing and construction supervision of five Storey Building for Mr. Abbas G. Tarimba at old Kinondoni in Kinondoni Municipality, Dar es Salaam.</li> <li>• <b>Structural Engineer:</b> Design, detailing and Supervision of 2 storey Labour Court for The United Republic of Tanzania The Judiciary The High Court of Tanzania on plot No. 2-4 Block D Kinondoni, Dar es Salaam.</li> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of 4 storeys Police Dormitory, for Ministry for Home Affairs to be built at Police kilwa road, Temeke Municipality, DSM.</li> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of 6 storeys Residential and Commercial building for Mr. Mokiwa A. Himid at Mbezi on Plot No. 314 Block 'D' in Kinondoni municipality, Dar es Salaam.</li> <li>• <b>Structural/CAD Engineer:</b> Designing and detailing of 7 storeys building for Mr. Mkwama on plot No. 1212 block 'A' at Buguruni in Ilala Municipality, Dar es Salaam.</li> </ul>

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Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
			<p><b>ABEL Contractors Ltd –</b> Position: <b>Project Civil Engineer.</b></p> <ul style="list-style-type: none"> <li>• <b>Site Engineer:</b> Conduct constant Site daily Supervision of the Construction of <b>Community Infrastructure Upgrading Program (CIUP)</b>, involves the construction of street roads to gravel finish level, side drains and some major street drains and also the Construction of Public toilets at Buguruni Mnyamani and Mtambani in Ilala Municipality in Dar ea Salaam.</li> </ul> <p><b>SIHA Enterprises Co. ltd</b> Position: <b>Site Engineer.</b></p> <ul style="list-style-type: none"> <li>• <b>Site Engineer:</b> Conduct constant Site daily Supervision of the Construction of Low Cost Housing; it involves the Construction of Single storey residential houses for sell with car parking, 52 in numbers, Phase I for PPF, at Kiseke in Mwanza Region.</li> </ul>
Mar. 2007 to Mar. 2009	<b>AWB Investment Co. ltd</b> Position: <b>Site Engineer.</b>	<b>Tanzania</b>	<p><b>United Builders ltd</b> Position: <b>Junior Site Engineer.</b></p> <ul style="list-style-type: none"> <li>• <b>Site Engineer:</b> Conduct constant Site daily Supervision and other assignments assign by the project Manager on the following projects <ul style="list-style-type: none"> <li>•Rehabilitation of Soil Laboratory at Ukiriguru Agricultural Institute in Mwanza Region Duration:September 2005 to March 2006</li> <li>•Construction of New Bagamoyo Bus Stand in Bagamoyo, Coast Region Duration:December 2004 to September 2005</li> <li>•Rehabilitation and New Construction of Tanzania Revenue Authority (TRA) buildings in Shinyanga and Mwanza Regions Duration: November 2003 to December 2004</li> </ul> </li> <li>• <b>Site Engineer:</b> Conduct constant Site daily Supervision and other assignments assign by the project Manager on the following projects <ul style="list-style-type: none"> <li>•Rehabilitation of Soil Laboratory at Ukiriguru Agricultural Institute in Mwanza Region Duration:September 2005 to March 2006</li> <li>•Construction of New Bagamoyo Bus Stand in Bagamoyo, Coast Region Duration:December 2004 to September 2005</li> <li>•Rehabilitation and New Construction of Tanzania Revenue Authority (TRA) buildings in Shinyanga and Mwanza Regions</li> </ul> </li> </ul>

Period	Employing Organization, Title & Position held	Country	Summary of Activities Performed relevant to the Assignment
			Duration: November 2003 to December 2004  • Inter Real Estate ( Construction of Inter consult house) in Dar es Salaam Duration: January 2003 to October 2003
Mar. 2006 to Aug. 2006	<b>SIHA Enterprises Co. Ltd</b> Position: <b>Site Engineer.</b>	<b>Tanzania</b>	• <b>Site Engineer:</b> Conduct constant Site daily Supervision of the Construction of Low Cost Housing; it involves the Construction of Single storey residential houses for sell with car parking, 52 in numbers, Phase I for PPF, at Kiseke in Mwanza Region.
Jan. 2003 to Mar. 2006	<b>United Builders Ltd</b> Position: <b>Junior Site Engineer.</b>	<b>Tanzania</b>	• <b>Site Engineer:</b> Conduct constant Site daily Supervision of the Construction works.

#### Membership in Professional Associations

- Professional Engineer - Engineers Registration Board of Tanzania (PEng-TZ)

#### Languages Skills:

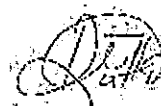
Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Kiswahili	Fluent	Excellent	Excellent

Expert's contact information: email: - [ruttaarnold@gmail.com](mailto:ruttaarnold@gmail.com) Phone: +255-714 513 303/686 989 514

#### Certification:

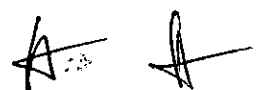
I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Eng. Arnold G. Rutaindurwa  
Expert



Signature

8th/Non./2021 Name of  
Date: {Day/Month/ Year}



UNIVERSITY OF DAR ES SALAAM



*This is to certify*

that

*Arnold Rutaindurwa*

having satisfied the requirements for the award of the

DEGREE OF

BACHELOR OF SCIENCE (ENGINEERING)

*Pass*

was admitted to the degree at a congregation

held in DAR ES SALAAM, on the

*thirtieth day of November,*

*in the year Two thousand and two*

Vice-Chancellor



Chief Academic Officer

BSCENG000319

A A





UNITED REPUBLIC OF TANZANIA

ENGINEERS REGISTRATION

BOARD

# Certificate of Registration

(Under the Engineers Registration Act 1997)

It is hereby certified that

**Arnold G. Rutindurwa**

having satisfied the requirements for registration as a

## PROFESSIONAL ENGINEER

under the provisions of the Engineers Registration Act 1997 was

registered as such on the **25<sup>th</sup>** day of **September 2014**

in the discipline of **Civil engineering**

and was given registration number **3099**

Sealed and given under our hands at Dar es Salaam

this **29<sup>th</sup>** day of **October 2014**

*[Signature]*  
Eng. S. D. M. Mloti

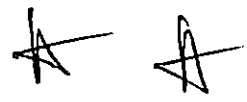
*[Signature]*  
Eng. F. Kilowoko

Registrar

Board Member

*[Signature]*  
Eng. Prof. N. M. Lema  
Chairman

Not valid without photograph of the bearer and practising Licence



**Form 5A8 Curriculum Vitae (CV) For Each Proposed Professional Staff**

1	<b>PROPOSED POSITION FOR THIS PROJECT</b>	ELECTRICAL ENGINEER			
2	<b>NAME OF PERSON</b>	SOSPETER CLAVERY KAMUGISHA			
3	<b>DATE OF BIRTH</b>	15 <sup>TH</sup> MAY 1975			
4	<b>NATIONALITY</b>	TANZANIAN			
5	<b>MEMBERSHIP IN PROFESSIONAL SOCIETIES</b>	30 <sup>th</sup> Jul 2010: Registered Consulting Engineer with the Engineers Registration Board (ERB) –Tanzania No. 246 16 <sup>th</sup> Nov 2006: Member of the Institute of Engineers Tanzania (IET) Membership No. M1255			
6	<b>EDUCATION:</b>	October 1997 - BSc. (Hons.) Electrical Engineering, University of DSM.			
7	<b>OTHER TRAINING:</b>	<ol style="list-style-type: none"> <li>1. Thorn lighting Design – Advanced</li> <li>2. ABB power distribution Analysis Software - Intermediate</li> <li>3. Quality Control and Assurance</li> </ol>			
8	<b>LANGUAGES</b>	<b>Language</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
		English	Fluent	Excellent	Excellent
		Swahili	Fluent	Excellent	Excellent
9	<b>COUNTRIES OF WORK EXPERIENCE</b>	TANZANIA			
10	<b>EMPLOYMENT RECORD</b>		<b>FROM:</b>	<b>TO:</b>	
	<b>EMPLOYER 1: Mecplan Consulting Engineer Ltd.</b>		<b>June 2011</b>	<b>To Date</b>	
	<b>Position: Managing Director</b>				
	<b>Status: Employee</b>				
11	<b>EMPLOYER 2: Howard Humphreys (T) Ltd.</b>		<b>April 2001</b>	<b>May 2011</b>	
	<b>Position: Project Engineer</b>				
	<b>Status: Employee</b>				
	<b>WORK UNDERTAKEN THAT BEST ILLUSTRATES YOUR CAPABILITY TO HANDLE THIS ASSIGNMENT</b>				
	<b>2011 To date</b>	<b>Company: Mecplan Consulting Engineers Ltd</b>			
		<b>Location – Around Tanzania</b>			
		<b>Year: 2011 - Ongoing</b>			
		<b>Position: Lead Electrical Engineer</b>			
		<b>Name of Assignment:</b>			
		<b>I. AIRPORT PROJECTS</b>			
		<ul style="list-style-type: none"> <li>• SWISSPORT DAR ES SALLAM – TANZANIA</li> <li>• EVERRETT HANGAR</li> </ul>			
		<b>II. BANK SECTORS</b>			
		<ul style="list-style-type: none"> <li>• <b>NMB BRANCHES:</b> NMB DODOMA, ILALA, NMB BUSINESS CENTRE, NMB IFAKARA, AND NMB MLIMBA, NMB SIRALI, NMB HOROHORO, NMB MKWAJUNI, NMB LAELA, NMB HAYDOM, NMB MBUYUNI(MOSHI), NMB PUGU MNADANI, NMB RUSUMO, NMB NANSIO, NMB BUHIGWE, NMB NKWENDA, NMB NKASI, NMB BAHI, NMB BUMBULI, NMB CHAMWINO, NMB HEDARU, NMB IKUNGI, NMB</li> </ul>			

MKATA, NMB MVUHA, NMB N KINGA, NMB UVINZA, NMB UYUI, NMB WANGING'OMBE, NAMANGA, SINGIDA, SUMBAWANGA, TUKUYU, TURIANI, NJOMBE, KISARAWA, MANDELA ROAD, KILOSA, SANYAJUU, SINZA, USA RIVER, KIBAIGWA, KAHAMA, MUHIMBILI, WAMI, MAFIA, KALIUA, KISHAPU, TARIME, LUSHOTO, DODOMA, MBEZIMWISHO, KIBAHA, MSASANI, MASWA, BABATI, HANDENI, KAYANGA, KIBITI, KIBONDO, MAKETE, MASWA, MBINGA, MONDULI, MPWAMPWA, NZEGA, SAME, MIHAYO, NJOMBE, MAKAMBAKO, KILWA&MTWARA.

- **CRDB BRANCHES:** CRDB MLIMANI CITY, CRDB OYSTERBAY, CRDB KCC MOSHI, CRDB MKWAWA, CRDB TARAKEA, CRDB MWALONI, CRDB CHAKECHAKE, CRDB WMA, CRDB LAPF, GOLDEN JUBILEE TOWER (PSPF) AND BUJUMBURA, ASIATIC AND CITY MARKET – BURUNDI, MSASANI, URAMBO, IFAKARA, MAKAMBAKO, TUNDUMA, MANYONI, KIBAHA, CHATO, KONDOA, MBARALI, MPWAPWA, SIHA, SENGEREMA, MULEBA, MASWA, SAUT-MWANZA, BUZURUGA, ROMBO, DODOMA, TARAKEA, GAIRO&BUNDA.
- **NBC BRANCHES:** NBC MAKAMBAKO, NBC KAWA, NBC BUNGE, NBC NZEGA, NBC NYERERE ROAD, NBC ARUSHA, NBC BABATI, NBC CHANG'OMBE, NBC KAHAMA, NBC MLIMANI CITY, NBC MWANZA, NBC MBEZI BEACH, NBC MD OFFICE, NBC DUCE
- **EXIM BRANCHES:** EXIM TEGETA, EXIM MUHIMBILI, EXIM MLIMANI CITY, EXIM MASAKI, EXIM USA RIVER, EXIM SWISSPORT, EXIM ST. JOSEPH, EXIM USHIRIKA
- KCB MLIMANI CITY AND KCB HQ,
- TWIGA BANCORP – KKO, O,
- MAENDELEO BANK- AZANIA, TUMAINI KKO, O BRANCHES
- ECO BANK – ACACIA & PSPF BRANCHES

### III. HOSPITAL/ HEALTH CENTER

- ST. ANN HOSPITAL - TABORA,
- HEALTH CENTERS: MTOWISWA & WAMPembe -RUKWA, MWANGIKWA & SANGABUYE – MWANZA UNDER PLAN INTERNATIONAL TANZANIA.
- SALAMA HOUSE – AGA KHAN- DAR ES SALAAM

### IV. HOTEL SECTORS

- KUNDUCHI BEACH HOTEL & RESORT – DAR ES SALAAM
- MSASANI SLIPWAY HOTEL EXTENSION – DAR ES SALAAM
- KILIMA LODGE SGR PROJECT, SERENGETI
- KINONDONI HOTEL – DAR ES SALAAM

### V. SCHOOL/EDUCATION SECTORS

- TEA PROJECT (TABORA BOYS & TABORA GIRLS), MINISTRY OF EDUCATION (SECONDARY SCHOOL PROJECT - TABORA
- DAR ES SALAAM INTERNATIONAL ACADEMIC - DAR ES SALAAM
- INTERNATIONAL SCHOOL OF TANGANYIKA – DAR ES SALAAM
- ST MICHAEL AND ST BENEDICTINE SCHOOL - MTWARA,
- MKOMBOZI PRIMARY SCHOOL (CHAMAZI)- DAR ES SALAAM

### VI. OFFICES AND APARTMENT SECTORS

- DSTV OFFICE - KINONDONI & MWANZA
- DRTC PROJECT – DAR ES SALAAM
- ST FRANCIS VISIGA – KIBAHA
- ST IMMACULATE CHURCH - MTWARA
- SWISSPORT TANZANIA – DAR ES SALAAM

*[Handwritten initials]*

- TOYOTA SHOWROOM AND OFFICES
- PSPF QUALITY PLAZA
- PPF SECURITY
- MPANDA BUS TERMINAL
- MPANDA MARKET,
- SINGIDA MARKET
- MSASANI APARTMENT,
- MASAKI OFFICES, ALPHA TOWER, SHIVACOM MASAKI, MENGI MACHAME RESIDENCE
- MSASANI PENINSULA
- OYSTERBAY SHOPPING CENTRE

#### VII. FACTORY AND INDUSTRIAL SECTORS

- MPOMVU ABBATTOIR - GEITA TOWN
- GEITA TOWN COUNCIL ADMINISTRATION,
- MOROGORO ABBATOIR,
- SONGEA ABBATOIR
- TANESCO KINYEREZI – DAR ES SALAAM
- SOLVOCHEM DEPOT
- BAHARI OIL FIELD
- TOTAL PETROL STATION (SONGWE, MAFINGA & UHURU)
- PUMA PETROL STATION

#### Duties and Responsibilities

- Planning, engineering design and technical specifications for Electrical, light, Power, Structured cabling (data and voice), CCTV, Security (Fire and Intruder alarm system), Power system (Schematic)
- Tender documentations (Specifications and Bills of quantities)
- Procurement of contractors (pre-qualification, tendering, tender evaluation and recommendations for award)
- Overall coordination of engineering services with architectural, Mechanical and structural/civil engineering designs.
- Project supervision
- Quality Control (inspection, testing and commissioning)
- Operation and maintenance.
- Technical and Financial proposals

2004 2011

**Company: Howard Humphrey Consulting Engineers**

**Location: Around Tanzania**

**Year: 2004 - 2011**

**Position: Senior Electrical Engineer**

#### Name of Assignment:

- Responsible for the Residential Electrical Engineer, Aga Khan House, Oyster Bay responsible for the design and supervision of electrical works to the new house
- Design and supervision of electrical installations to a programme of new and refurbished NMB bank premises.
- Designing a new power supply system to the new American embassy reverse osmosis desalination plant and treatment of mains water.
- Carrying out the detailed condition survey and design of new electrical installations in reception and FFU building to the main entrance of State House. Responsibilities included detailed design of the electrical systems, supervision of installation and commissioning. Full 27/7 backup power provided.
- Stanbic Bank Office Complex Responsible for a 4 storey office

complex (3,000m2) to house Stanbic Africa as the key tenant. Responsibilities included the design of the power distribution system, emergency power systems, fire alarm systems, lighting and voice and data communication. Also responsible for supervising a Class 1 electrical Contractor for 2 years during installation and commissioning. Building design completed to IEE Regulations and British Standards. IT systems and emergency power systems installed to bank tenants specification.

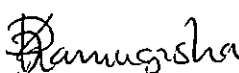
- Rehabilitation and extension of the Canadian High Commissioners Residence in Dar es Salaam. Responsibilities included a detailed condition survey, cost estimates and detailed design
- Proposed New Administration & Dispensary Responsibilities for detailed design of the electrical systems, supervision of installation and commissioning – State House
- Rehabilitation and Remodelling of NBC Branches (Over 50 Branches)
  - NBC Kinondoni, Tarime, Kibaha, Victoria, Igoma, Mbagala
  - NBC Masasi, Nzega, Makambako, Meru, Babati, Kinondoni
  - NBC Tunduma, Samora, Arusha, Mwanza, Musoma
  - NBC Nyanza, Geita, Kahama, Shinyanga, Kigoma
  - NBC Babati, Singida, Mbeya, Moshi, Dodoma, Tanga
  - NBC Sinoni, Lindi, Mtwara, Masasi, Tukuyu, Njombe
  - NBC Chang'ombe, Masasi, Iringa, Morogoro, Seaclif

#### Duties and Responsibilities

- Planning, engineering design and technical specifications for Electrical, light, Power, Structured cabling (data and voice), CCTV, Security (Fire and Intruder alarm system), Power system (Schematic)
- Tender documentations (Specifications and Bills of quantities)
- Procurement of contractors (pre-qualification, tendering, tender evaluation and recommendations for award)
- Overall coordination of engineering services with architectural, Mechanical and structural/civil engineering designs.
- Project supervision
- Quality Control (inspection, testing and commissioning)
- Operation and maintenance.
- Technical and Financial proposals

#### CERTIFICATION *(Do not amend this certification)*

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

SOSPETER KAMUGISHA  18/11/2021

Name of Expert

Signature

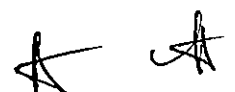
Date: (Day/Month/Year)

Name of authorized

Signature

Date:

Representative of the Consultant  
(the same who signs the Proposal)



ENGINEERS REGISTRATION BOARD  
TANZANIA



**Certificate  
of Registration**

(Under the Engineers Registration Act, 1997)

It is hereby certified that

**Sospeter Hamugisha**

having satisfied the requirements for registration as a

**CONSULTING ENGINEER**

under the provisions of the Engineers Registration Act, 1997, was

registered as such on the 06<sup>th</sup> day of May, 2011

in the Specialized field(s) of **Electrical** engineering and was

given registration number **246**.

Sealed and given under our hands at Dar es Salaam

this 25<sup>th</sup> day of May, 2011.

Eng. S. D. M. Mlota  
Registrar

Eng. Prof. N. M. Lema  
Chairman

Eng. Dr. K.W. Salewi  
Board Member

"Not valid without photograph of the bearer and practising certificate"

A A

*Handwritten marks at the top left of the page.*

BSCENG000047

Chief Academic Officer

*Handwritten signature of the Chief Academic Officer.*



Vice-Chancellor

*Handwritten signature of the Vice-Chancellor.*

was admitted to the degree at a congregation  
held in DAR ES SALAAM, on the  
twenty-fourth day of November  
in the year five thousand and one

Second Class (Upper Division)

WITH HONOURS

BACHELOR OF SCIENCE (ENGINEERING)

DEGREE OF

having satisfied the requirements for the award of the

*Handwritten name of the student: Peter Kamugisha*

*Handwritten phrase: This is to certify*



UNIVERSITY OF DAR ES SALAAM



THE UNITED REPUBLIC OF TANZANIA  
ENGINEERS REGISTRATION BOARD  
**PRACTISING LICENCE**



**Eng. Sospeter C. Kamugisha**  
Consulting Engineer

Firm: **MECPLAN Consulting Engineers Ltd.**

Specialization: **Electrical Eng.**

CEng No. **246**

Date of Issue: **June 01, 2021**

Valid up to: **December 31, 2022**



C-A097

*[Signature]*  
Registrar

*[Handwritten marks]*



Form 5A8 Curriculum Vitae (CV) For Each Proposed Professional Staff

1	PROPOSED POSITION FOR THIS PROJECT	INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)			
2	NAME OF PERSON	JOSHUA LAWRENCE NKYA			
3	DATE OF BIRTH	29 <sup>TH</sup> AUGUST 1988			
4	NATIONALITY	TANZANIAN			
5	MEMBERSHIP IN PROFESSIONAL SOCIETIES				
6	EDUCATION:	<p>2020 - Master of Supply Chain Management: University of Kedge.</p> <p>2013 - Master of Science in Software Engineering: University of Staffordshire.</p> <p>2011 - Bachelor of Science in Electronic Commerce: University of Staffordshire.</p>			
7	OTHER TRAINING:				
8	LANGUAGES	Language	Speaking	Reading	Writing
		English	Fluent	Excellent	Excellent
		Swahili	Fluent	Excellent	Excellent
9	COUNTRIES OF WORK EXPERIENCE	TANZANIA			
10	EMPLOYMENT RECORD		FROM:	TO:	
11	EMPLOYER 1: Mecplan Consulting Engineer Ltd.		June 2015	Date	
	Position: ICT Programmer				
	Status: Employee				
	WORK UNDERTAKEN THAT BEST ILLUSTRATES YOUR CAPABILITY TO HANDLE THIS ASSIGNMENT				
	2015 To date	Company: Mecplan Consulting Engineers Ltd			
		Location - Around Tanzania			
		Year: 2015 - Ongoing			
		Position: ICT Programm			
		Name of Assignment:			
		I. OFFICES AND APARTMENT SECTORS			
		<ul style="list-style-type: none"> <li>• DSTV OFFICE - KINONDONI&amp; MWANZA</li> <li>• DRTC PROJECT - DAR ES SALAAM</li> <li>• ST FRANCIS VISIGA - KIBAHA</li> <li>• ST IMMACULATE CHURCH - MTWARA</li> <li>• SWISSPORT TANZANIA - DAR ES SALAAM</li> <li>• TOYOTA SHOWROOM AND OFFICES</li> <li>• PSPF QUALITY PLAZA</li> <li>• PPF SCURITY</li> <li>• MPANDA BUS TERMINAL</li> <li>• MPANDA MARKET</li> <li>• SINGIDA MARKET</li> </ul>			

*A A*

- MSASANI APARTMENT
- MENGI MACHAME RESIDENCE

## II. BANK SECTORS

**NMB BRANCHES:** DODOMA, ILALA, BUSINESS CENTRE, IFAKARA, MLIMBA, SIRALI, HOROHORO, MKWAJUNI, LAELA, HAYDOM, MBUYUNI(MOSHI), PUGU MNADANI, RUSUMO, NANSIO, BUHIGWE, NKWENDA, NKASI, BAHU, BUMBULI, CHAMWINO, HEDARU, IKUNGI, MKATA, MVUHA, N KINGA, UVINZA, UYUI, WANGING'OMBE, NAMANGA, SINGIDA, SUMBAWANGA, TUKUYU, TURIANI, NJOMBE, KISARAWA, MANDELA ROAD, KILOSA, SANYAJUU, SINZA, USA RIVER, KIBAIGWA.

- **CRDB BRANCHES:** MLIMANI CITY, OYSTERBAY, KCC MOSHI, MKWAWA, LAPF, MSASANI, URAMBO, IFAKARA, MAKAMBAKO, TUNDUMA, MANYONI, KIBAHA, CHATO, KONDOA, MBARALI, MPWAPWA, SIHA, SENGEREMA, MULEBA, MASWA, SAUT-MWANZA, BUZURUGA, ROMBO, DODOMA, TARAKĒA, GAIRO&BUNDA.
- **NBC BRANCHES:** MAKAMBAKO, KAWA, BUNGE, NZEGA, NYERERE ROAD, ARUSHA, BABATI, CHANG'OMBE, KAHAMA, MLIMANI CITY, MWANZA, MBEZI BEACH, MD OFFICE, DUCE.
- **EXIM BRANCHES:** TEGETA, MUHIMBILI, MLIMANI CITY, MASAKI, USA RIVER, SWISSPORT, ST.JOSEPH, USHIRIKA

- KCB MLIMANI CITY AND KCB HQ
- TWIGA BANCORP - KKO
- MAENDELEO BANK- AZANIA, TUMAINI KKO BRANCHES
- ECO BANK - ACACIA & PSPF BRANCHES

## III. HOTEL SECTORS

- KUNDUCHI BEACH HOTEL & RESORT - DAR ES SALAAM
- MSASANI SLIPWAY HOTEL EXTENSION - DAR ES SALAAM
- KILIMA LODGE SGR PROJECT, SERENGETI
- KINONDONI HOTEL - DAR ES SALAAM

## IV. SCHOOL/EDUCATION SECTORS

- TEA PROJECT (TABORA BOYS & TABORA GIRLS), MINISTRY OF EDUCATION (SECONDARY SCHOOL PROJECT - TABORA
- DAR ES SALAAM INTERNATIONAL ACADEMIC - DAR ES SALAAM
- INTERNATIONAL SCHOOL OF TANGANYIKA - DAR ES SALAAM
- ST MICHAEL AND ST BENEDICTINE SCHOOL - MTWARA
- MKOMBOZI PRIMARY SCHOOL (CHAMAZI)- DAR ES SALAAM

## V. FACTORY AND INDUSTRIAL SECTORS

- MPOMVU ABBATTOIR - GEITA TOWN
- GEITA TOWN COUNCIL ADMINISTRATION
- MOROGORO ABBATOIR
- SONGEA ABBATOIR
- TANESCO KINYEREZI - DAR ES SALAAM
- SOLVOCHEM DEPOT
- BAHARI OIL FIELD
- TOTAL PETROL STATION (SONGWE, MAFINGA & UHURU)

## Duties and Responsibilities

- Practice and enforce material management skills to bring strategic value and product integrity.
- Plan, follow, and monitor remote project operations deliveries to ensure different regions complexity does hinder service delivery

*[Handwritten marks]*

to our end customer

- Conduct compliance routine to ensure supply chain activities in the region does not cause any harm to environment or people
- Selection suitable equipment as per job briefing and maintenance plan for well site logging.
- Detailed design and management of ICT.
- Install user software and provide user software training.
- Configure and install user desktop and laptop PCs, and requisite software, including antivirus software.
- Perform IT site surveys for site expansions, new locations, technology additions, as well as site moves, adds and changes for PCs, systems, networks.
- Perform user orientation for PC, wireless, and system use
- Liaise with local technical service providers, network providers and ISPs on technical issues, and report on these issues.
- Administration of window 2008 Server Standard Edition running on Citrix Branch and Repeater, Cisco Switches and Juniper.
- Manage and maintain LAN/WAN.

**CERTIFICATION** (Do not amend this certification)

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

JOSHUA L. NKYA



18<sup>th</sup> November 2021

Name of Expert

Signature

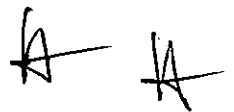
Date: (Day/Month/Year)

Name of authorized

Signature

Date:

Representative of the Consultant  
(the same who signs the Proposal)



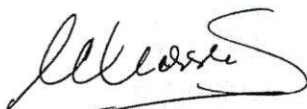
**JOSHUA LAWRENCE NKYA**

has been awarded the degree of

**Bachelor of Science with  
First Class Honours**

having followed an approved programme of study in

**Electronic Commerce  
12th August 2011**



Chancellor



Vice-Chancellor

■ CREATE THE DIFFERENCE

Note: This certificate to be used in conjunction with a transcript issued separately





STAFFORDSHIRE  
UNIVERSITY

Joshua Lawrence Nkya

has been awarded the degree of

Master of Science  
with Merit

having followed an approved programme of study in

Software Engineering  
5th September 2013

*Michael Wood*

Pro-Chancellor



*[Signature]*

Vice-Chancellor

■ CREATE THE DIFFERENCE

Note: This certificate to be used in conjunction with a transcript issued separately

*[Handwritten marks]*

**Form 5A8 Curriculum Vitae (CV) For Each Proposed Professional Staff**

1	<b>PROPOSED POSITION FOR THIS PROJECT</b>	MECHANICAL ENGINEER			
2	<b>NAME OF PERSON</b>	NTELE NATHAN MASSAWE			
3	<b>DATE OF BIRTH</b>	19 <sup>TH</sup> SEPTEMBER 1975			
4	<b>NATIONALITY</b>	TANZANIAN			
5	<b>MEMBERSHIP IN PROFESSIONAL SOCIETIES</b>	30 <sup>th</sup> Jul 2010: Registered Consulting Engineer with the Engineers Registration Board (ERB) - Tanzania No. 232			
6	<b>EDUCATION:</b>	16 <sup>th</sup> Nov 2006: Member of the Institute of Engineers Tanzania (IET) Membership No. M1255 Sept 2009 - Oct 2010: Master of Business Administration at University Glamorgan, Wales, United Kingdom.  Oct. 1997-June 2001: B.Sc. (Hon). In Mechanical Engineering at Makerere University, Kampala, Uganda			
7	<b>OTHER TRAINING</b>	<p>Mar 2008: Technical training on design, installations And maintenance of lift System conducted by China Shanghai Mitsubishi - and maintenance of lift.</p> <p>Jul 2007: Technical training on Plumbing and on Drainage System held Geberit Training Center in Johannesburg - South Africa.</p> <p>Dec 2006: Technical training on design of Air conditioning design and installations of Variable Refrigerant Flow system conducted in Tokyo - Japan.</p> <p>Jul 2006: Training on design of the industrial and Commercial air conditioning system conducted by- Sharjah, UAE AHI.</p> <p>May 2006: Seminar on understanding contracts: Practical &amp; challenging aspects.</p> <p>Dec 2005: IET annual seminars held on AICC conference.</p> <p>Sep 2004: Technical training on the Plumbing and Drainage System held on Geberit Training Center in Switzerland.</p> <p>Mar 2004: Training on the Public Procurement Act, 2001 - Compliance and Practice - Arusha.</p> <p>Dec 2001: IET annual seminars held on AICC conference.</p>			
8	<b>LANGUAGES</b>	Language	Speaking	Reading	Writing
		English	Fluent	Excellent	Excellent
		Swahili	Fluent	Excellent	Excellent
9	<b>COUNTRIES OF WORK EXPERIENCE</b>	TANZANIA & BURUNDI			
10	<b>EMPLOYMENT RECORD</b>		<b>FROM:</b>	<b>TO:</b>	
	<b>EMPLOYER 1: Mecplan Consulting Engineer Ltd.</b>		April 2011	Date	
	<b>Position: Director</b>				
	<b>Status: Employee</b>				

*(Handwritten signatures)*

**EMPLOYER 2:** Howard Humphreys (T) Ltd  
**Position:** Head of Mechanical Department  
**Status:** Employee

January  
2007

March  
2011

**EMPLOYER 3:** Electriplan (T) Limited  
**Position:** Mechanical Engineer  
**Status:** Employee

July  
2001

December  
2006

**11 WORK UNDERTAKEN THAT BEST ILLUSTRATES YOUR CAPABILITY TO HANDLE THIS ASSIGNMENT**

Works that best illustrate his capability to handle this assignment is as shown below:

2011 To date **Company: Mecplan Consulting Engineers Ltd**  
**Location -** Around Tanzania  
**Year:** 2011 - Ongoing  
**Position:** Lead Mechanical Engineer

**Name of Assignment:**

**I. BANK SECTORS**

- **NMB BRANCHES:** NMB DODOMA, ILALA, NMB BUSINESS CENTRE, NMB IFAKARA, AND NMB MLIMBA, NMB SIRALI, NMB HOROHORO, NMB MKWAJUNI, NMB LAELA, NMB HAYDOM, NMB MBUYUNI(MOSHI), NMB PUGU MNADANI, NMB RUSUMO, NMB NANSIO, NMB BUHIGWE, NMB NKWENDA, NMB NKASI, NMB BAHU, NMB BUMBULI, NMB CHAMWINO, NMB HEDARU, NMB IKUNGI, NMB MKATA, NMB MVUHA, NMB NKINGA, NMB UVINZA, NMB UYUI, NMB WANGING'OMBE, NAMANGA, SINGIDA, SUMBAWANGA, TUKUYU, TURIANI, NJOMBE, KISARAWA, MANDELA ROAD, KILOSA, SANYAJUU, SINZA, USA RIVER, KIBAIGWA, KAHAMA, MUHIMBILI, WAMI, MAFIA, KALUA, KISHAPU, TARIME, LUSHOTO, DODOMA, MBEZIMWISHO, KIBAHA, MSASANI, MASWA, BABATI, HANDENI, KAYANGA, KIBITI, KIBONDO, MAKETE, MASWA, MBINGA, MONDULI, MPWAMPWA, NZEGA, SAME, MIHAYO, NJOMBE, MAKAMBAKO, KILWA&MTWARA.
- **CRDB BRANCHES:** CRDB MLIMANI CITY, CRDB OYSTERBAY, CRDB KCC MOSHI, CRDB MKWAWA, CRDB TARAKEA, CRDB MWALONI, CRDB CHAKECHAKE, CRDB WMA, CRDB LAPF, GOLDEN JUBILEE TOWER (PSPF) AND BUJUMBURA, ASIATIC AND CITY MARKET - BURUNDI, MSASANI, URAMBO, IFAKARA, MAKAMBAKO, TUNDUMA, MANYONI, KIBAHA, CHATO, KONDOA, MBARALI, MPWAPWA, SIHA, SENGEREMA, MULEBA, MASWA, SAUT-MWANZA, BUZURUGA, ROMBO, DODOMA, TARAKEA, GAIRO&BUNDA.
- **NBC BRANCHES:** NBC MAKAMBAKO, NBC KAWA, NBC BUNGE, NBC NZEGA, NBC NYERERE ROAD, NBC ARUSHA, NBC BABATI, NBC CHANG'OMBE, NBC KAHAMA, NBC MLIMANI CITY, NBC MWANZA, NBC MBEZI BEACH, NBC MD OFFICE, NBC DUCE
- **EXIM BRANCHES:** EXIM TEGETA, EXIM MUHIMBILI, EXIM MLIMANI CITY, EXIM MASAKI, EXIM USA RIVER, EXIM SWISSPORT, EXIM ST.JOSEPH, EXIM USHIRIKA
- KCB MLIMANI CITY AND KCB HQ,
- TWIGA BANCORP - KKO,
- MAENDELEO BANK- AZANIA, TUMAINI KKO BRANCHES
- ECO BANK - ACACIA & PSPF BRANCHES

**II. HOTEL SECTORS**

- KUNDUCHI BEACH HOTEL & RESORT - DAR ES SALAAM

- MSASANI SLIPWAY HOTEL EXTENSION – DAR ES SALAAM
- KILIMA LODGE SGR PROJECT, SERENGETI
- KINONDONI HOTEL – DAR ES SALAAM

### III. SCHOOL/EDUCATION SECTORS

- TEA PROJECT (TABORA BOYS & TABORA GIRLS), MINISTRY OF EDUCATION (SECONDARY SCHOOL PROJECT - TABORA
- DAR ES SALAAM INTERNATIONAL ACADEMIC - DAR ES SALAAM
- INTERNATIONAL SCHOOL OF TANGANYIKA – DAR ES SALAAM
- ST MICHAEL AND ST BENEDICTINE SCHOOL - MTWARA,
- MKOMBOZI PRIMARY SCHOOL (CHAMAZI)- DAR ES SALAAM

### IV. OFFICES AND APARTMENT SECTORS

- SWISSPORT TANZANIA – DAR ES SALAAM
- DSTV OFFICE - KINONDONI & MWANZA
- DRTC PROJECT – DAR ES SALAAM
- ST FRANCIS VISIGA – KIBAHA
- ST IMMACULATE CHURCH - MTWARA
- TOYOTA SHOWROOM AND OFFICES
- PSPF QUALITY PLAZA
- PPF SECURITY
- MPANDA BUS TERMINAL
- MPANDA MARKET
- SINGIDA MARKET
- MSASANI APARTMENT
- MASAKI OFFICES, ALPHA TOWER, SHIVACOM MASAKI, MENGI MACHAME RESIDENCE
- MSASANI PENINSULA
- OYSTERBAY SHOPPING CENTRE

### V. HOSPITAL/ HEALTH CENTER

- ST. ANN HOSPITAL - TABORA,
- HEALTH CENTERS: MTOWISWA & WAMPembe -RUKWA, MWANGIKWA & SANGABUYE – MWANZA UNDER PLAN INTERNATIONAL TANZANIA.
- SALAMA HOUSE – AGA KHAN- DAR ES SALAAM

### VI. FACTORY AND INDUSTRIAL SECTORS

- MPOMVU ABBATTOIR - GEITA TOWN
- GEITA TOWN COUNCIL ADMINISTRATION,
- MOROGORO ABBATOIR,
- SONGEA ABBATOIR
- TANESCO KINYEREZI – DAR ES SALAAM
- SOLVOCHEM DEPOT
- BAHARI OIL FIELD
- TOTAL PETROL STATION (SONGWE, MAFINGA & UHURU)
- PUMA PETROL STATION

### Duties and Responsibilities

- Planning, engineering design and technical specifications of air conditioning, mechanical ventilation, water supply, drainage, fire fighting systems.
- Tender documentations (Specifications and Bills of quantities)
- Procurement of contractors (pre-qualification, tendering, tender evaluation and recommendations for award)
- Overall coordination of engineering services with architectural, Electrical and structural/civil engineering designs.
- Project supervision
- Quality Control (inspection, testing and commissioning)
- Operation and maintenance.



2007 2011

**Company: Howard Humphrey Consulting Engineers**

**Location: Around Tanzania**

**Year: 2007 - 2011**

**Position: Senior Mechanical Engineer**

**Name of Assignment:**

**I. HOSPITAL/ HEALTH CENTER**

- CONSTRUCTION OF NEW MODERN HOSPITAL LABORATORIES (23 NOS.) ON TWENTY THREE REGIONAL UNDER ABBOTT FUND.
- ARUSHA LUTHERAN HOSPITAL (SELIAN)

**II. SCHOOL/EDUCATION SECTORS**

- EXPANSION OF LOCAL GOVERNMENT TRAINING INSTITUTE (LGTI)- PHASE I. THE WORK INVOLVE OF THE CONSTRUCTION OF HOSTEL BLOCKS TO ACCCOMADATE 2,000 STUDENTS, ACADEMIC BUILDING, CAFETERIA, LIBRARY, LECTURE THEATRES, STAFF HOUSES (20 NOS), ROAD NETWORK, SPORTS FACILITIES (FOOTBALL PITCH, BASKETBALL, BADMINTON, LONG TENNIS, NETBALL), SWIMMING POOL (OLYMPIC STANDARD).
- CONSTRUCTION OF UNIVERSITY OF DODOMA, COLLEGE OF HUMANITY AND SOCIAL SCIENEC. THE WORK INVOLVE OF THE CONSTRUCTION OF ACADEMIC BUILDING, CAFETERIA TO ACCOMMODATE 20,000 STUDENT, ADMINISTRASTION BUILDING, LECTURE THEATRES AND SPORTS. THE WORK INVOLVE OF DESIGN AND SUPERVISION OF ELECTRICAL AND MECHANICAL INSTALLATION SYSTEMS.

**Duties and Responsibilities**

- Planning, engineering design and technical specifications of air conditioning, mechanical ventilation, water supply, drainage, fire fighting systems.
- Tender documentations (Specifications and Bills of quantities)
- Procurement of contractors (pre-qualification, tendering, tender evaluation and recommendations for award)
- Overall coordination of engineering services with architectural, Electrical and structural/civil engineering designs.
- Project supervision
- Quality Control (inspection, testing and commissioning)
- Operation and maintenance.

2001 2006

**Company: Electriplan (T) Ltd**

**Location: Around Tanzania**

**Year: 2001 - 2006**

**Position: Senior Mechanical Engineer**

**Name of Assignment:**

- CONSTRUCTION OF NEW TANZANIA PARLIAMENT BUILDING, DODOMA. THE PROJECT INVOLVING DETAILED DESIGN, SPECIFICATION, TENDER DOCUMENT AND SUPERVISION OF ELECTRICAL AND MECHANICAL INSTALLATION SYSTEMS
- CONSTRUCTION OF LAPF MILLENNIUM TOWER AT KIJITONYAMA - DAR ES SALAAM. THE BUILDING CONSISTS OF OFFICES, SHOPS AND HOTEL.

**Duties and Responsibilities**

- Planning, engineering design and technical specifications of air conditioning, mechanical ventilation, water supply, drainage, fire fighting

A A

systems.

- Tender documentations (Specifications and Bills of quantities)
- Procurement of contractors (pre-qualification, tendering, tender evaluation and recommendations for award)
- Overall coordination of engineering services with architectural, Electrical and structural/civil engineering designs.
- Project supervision
- Quality Control (inspection, testing and commissioning)
- Operation and maintenance.

**CERTIFICATION (Do not amend this certification)**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

NTELE MASSAWE



18<sup>th</sup>  
~~18~~ / 11 / 2021

Name of Expert

Signature

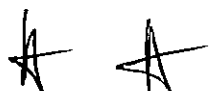
Date: (Day/Month/Year)

Name of authorized

Signature

Date:

Representative of the Consultant  
(the same who signs the Proposal)



ENGINEERS REGISTRATION BOARD  
TANZANIA



**Certificate  
of Registration**

(Under the Engineers Registration Act, 1997)

It is hereby certified that

**Ntele Nathan Massawe**

having satisfied the requirements for registration as a

**CONSULTING ENGINEER**

under the provisions of the Engineers Registration Act, 1997, was

registered as such on the 30<sup>th</sup> day of July, 2010

in the Specialized field(s) of **Mechanical** engineering and was

given registration number **232**.

Sealed and given under our hands at Dar es Salaam

this 28<sup>th</sup> day of June, 2011.

Eng. S. D. M. Mlote  
**Registrar**

Eng. Prof. N. M. Lema  
**Chairman**

Eng. Dr. K.W. Salewi  
**Board Member**

*"Not valid without photograph of the bearer and practising certificate"*

*Handwritten initials*

MAKERERE



UNIVERSITY

This Is To Certify That

NATHAN NTELE

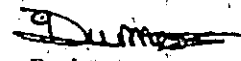
was awarded the degree of

**BACHELOR OF SCIENCE  
IN MECHANICAL ENGINEERING**

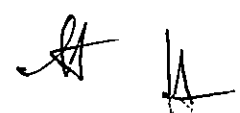
(Second Class with Honours, *UPPER* Division)

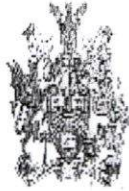
and was admitted to the degree  
at a Makerere University Congregation  
held on *12<sup>th</sup> October, 2001*

  
Vice-Chancellor

  
Registrar

MCR00075





University of Glamorgan  
Prifysgol Morgannwg



**NTELE NATHAN MASSAWE**

Has been awarded

ardysir ymchwil dechlyn

**MASTER OF BUSINESS ADMINISTRATION**

**MEISTR MEWN GWEINYDDU BUSNES**

Dated: 17 November 2010

Dyddiedig 17 Tachwedd 2010

ORNDONION

Academic Registrar  
Cofrestrwr Academaidd

Vice-Chancellor  
Is-Ganghellor

THE  
INSTITUTION OF ENGINEERS TANZANIA

(Established 1975)

This is to certify that

Atele Nathran

was on 16th November 2006 elected

**MEMBER**

(Membership number M 1255)

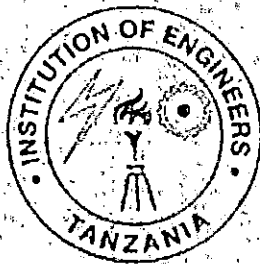
of

The Institution of Engineers Tanzania

*a Society constituted to promote the  
general advancement of the Science and Practice  
of Engineering and its applications*

WITNESS our hands and Seal on

This 18th day of December 2006



[Signature]  
President

[Signature]  
Honorary Secretary

[Signature] [Signature]



# *Certificate*

This is to confirm, that

**Ntele Nathan Massawe**

has successfully attended a Geberit training course in our Training Centre in Switzerland with the following subjects

- Geberit Philosophy
- Geberit Flushing System
- Geberit Public
- Geberit HDPE Drainage System

September 27, 2004

Geberit International AG

Handwritten signature of Erwin Kälin in black ink.

Erwin Kälin  
International Sales  
Head of Region 2

Handwritten signature of Dieter Lienhard in black ink.


Dieter Lienhard  
Technical Sales Engineer



Handwritten initials or signatures in the bottom right corner of the page, consisting of a stylized 'f' and a stylized 'H'.

THE UNITED REPUBLIC OF TANZANIA  
ENGINEERS REGISTRATION BOARD  
PRACTISING LICENCE

Eng: Ntele Nathan/Massawe  
Consulting Engineer  
Firm: MECPLAN Consulting Engineers Ltd  
Specialization: Mechanical Eng  
CEng No: 232  
Date of Issue: June 01, 2021  
Valid upto: December 31, 2022

  
C-A104  
Registrar

A f



**CURRICULUM VITAE (CV) – THADEUS SHIO**

<b>Name of Person:</b>	Thadeus Shio			
<b>Position:</b>	Director			
<b>Profession:</b>	Quantity Surveyor			
<b>Years with Firm:</b>	22 (Twenty Two) years. Joined after 14 years with Barker & Barton (Tanzania), a former associate company			
<b>Date of Birth:</b>	2 <sup>nd</sup> July, 1957	<b>Nationality:</b>	Tanzanian	
<b>Education:</b>	<ul style="list-style-type: none"> <li>• Doctor of Philosophy, University of Minnesota - USA). Specialized in housing development, management and policy (2002 – 2006)</li> <li>• Master of Architecture, University of Kansas, USA. (Specialized in Construction Management) - 1995 – 1997</li> <li>• Advanced Diploma in Building Economics, Ardhi Institute, Dar es Salaam (1982 -1985)</li> </ul>			
<b>Membership in professional Associations :</b>	<ul style="list-style-type: none"> <li>• Registered Quantity Surveyor with the Architects and Quantity Surveyors Registration Board, (AQRB).</li> <li>• Fellow member, Tanzania Institute of Quantity Surveyors,</li> </ul>			
<b>Countries of Work Experience :</b>	Tanzania			
<b>Languages</b>	<b>Language</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
	English	Excellent	Excellent	Excellent
	Kiswahili	Excellent	Excellent	Excellent
<b>Employment Record:</b>				
• From	1999	<b>To:</b>	Present	
Employer	CQS Services Limited			
Position Held:	Director and Principal Quantity Surveyor			
Brief Description of duties	Responsible for Construction Project Management duties such as - administration of contracts, cost planning, cost checks, cost control, contractual and financial matters, project appraisal, cost estimating, cash flow forecasting, and management of and project management of construction projects located in various geographical areas of Tanzania.			
• From	1985	<b>To:</b>	1998	
Employer	Barker & Barton (Tanzania)			
Position Held:	Quantity Surveyor			
Brief Description of duties	Responsible for Administration and Supervision of various projects undertaken by the company, undertaking activities such as Preparation of: preliminary cost estimates, Cost checks and control, Tender Documents, Pre tender estimates, tender analysis and reporting, Contract Documents, site meetings, interim certificates, measurement of valuation for variations, periodic financial appraisal and cash flow forecast, advising on contractual matters such as extension of time, Final Accounts, Assessment of Fluctuation Claims and Assessment of Direct Loss and Expense and other contractual matters.			




**CURRICULUM VITAE (CV) – THADEUS SHIO**

<ul style="list-style-type: none"> <li>• From</li> <li>Employer</li> <li>Position Held:</li> <li>Brief Description of duties</li> </ul>	<p align="center">1980 <span style="margin-left: 200px;">To:</span> 1982</p> <p><b>Barker &amp; Barton (Tanzania)</b></p> <p>Technical assistant</p> <p>Responsible for assisting the technicians in the technical matters and Supervision of various projects undertaken by the company.</p>										
<p><b>Detail Tasks Assigned</b></p>	<p><b>Work undertaken that best illustrates capability to handle the assignment</b></p>										
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<table border="0"> <tr> <td style="vertical-align: top;">Name of Assignment</td> <td>Provision of consultancy services for construction of Kibong'oto Infectious Diseases Hospital Laboratory</td> </tr> <tr> <td>Year:</td> <td>2019 - <b>on construction</b></td> </tr> <tr> <td>Location:</td> <td>Kibong'oto Kilimanjaro</td> </tr> <tr> <td>Client:</td> <td>Ministry of Health, Community Development, Gender Elderly &amp; Children</td> </tr> <tr> <td>Positions held and Main Project Features:</td> <td>Project Quantity Surveyor Construction Four floors complete with finishes buildings and associated services installations and external works</td> </tr> </table>	Name of Assignment	Provision of consultancy services for construction of Kibong'oto Infectious Diseases Hospital Laboratory	Year:	2019 - <b>on construction</b>	Location:	Kibong'oto Kilimanjaro	Client:	Ministry of Health, Community Development, Gender Elderly & Children	Positions held and Main Project Features:	Project Quantity Surveyor Construction Four floors complete with finishes buildings and associated services installations and external works
Name of Assignment	Provision of consultancy services for construction of Kibong'oto Infectious Diseases Hospital Laboratory										
Year:	2019 - <b>on construction</b>										
Location:	Kibong'oto Kilimanjaro										
Client:	Ministry of Health, Community Development, Gender Elderly & Children										
Positions held and Main Project Features:	Project Quantity Surveyor Construction Four floors complete with finishes buildings and associated services installations and external works										
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<table border="0"> <tr> <td style="vertical-align: top;">Name of Assignment</td> <td>Provision of consultancy services for of National Public Health Laboratory</td> </tr> <tr> <td>Year:</td> <td><b>on construction</b></td> </tr> <tr> <td>Location:</td> <td>Mabibo TFDA area – Dar es salaam</td> </tr> <tr> <td>Client:</td> <td>Ministry of Health, Community Development, Gender Elderly &amp; Children</td> </tr> <tr> <td>Positions held and Main Project Features:</td> <td>Project Quantity Surveyor Construction of 4 storey building (health laboratory) and associated external works (soft and hard landscaping), ancillary buildings (power and incinerator house) and services installation works</td> </tr> </table>	Name of Assignment	Provision of consultancy services for of National Public Health Laboratory	Year:	<b>on construction</b>	Location:	Mabibo TFDA area – Dar es salaam	Client:	Ministry of Health, Community Development, Gender Elderly & Children	Positions held and Main Project Features:	Project Quantity Surveyor Construction of 4 storey building (health laboratory) and associated external works (soft and hard landscaping), ancillary buildings (power and incinerator house) and services installation works
Name of Assignment	Provision of consultancy services for of National Public Health Laboratory										
Year:	<b>on construction</b>										
Location:	Mabibo TFDA area – Dar es salaam										
Client:	Ministry of Health, Community Development, Gender Elderly & Children										
Positions held and Main Project Features:	Project Quantity Surveyor Construction of 4 storey building (health laboratory) and associated external works (soft and hard landscaping), ancillary buildings (power and incinerator house) and services installation works										
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<table border="0"> <tr> <td style="vertical-align: top;">Name of Assignment</td> <td>Provision of Consultancy Services for Construction of Baobab Maternity Hospital</td> </tr> <tr> <td>Year:</td> <td>2012</td> </tr> <tr> <td>Location:</td> <td>Msasani – Dar es Salaam</td> </tr> <tr> <td>Client:</td> <td>Comprehensive Community Based Rehabilitation in Tanzania (CCBRT)</td> </tr> <tr> <td>Positions held and Main Project Features:</td> <td>Project Quantity Surveyor Construction of hospital facilities, including wards, laundry block, and OPD buildings</td> </tr> </table>	Name of Assignment	Provision of Consultancy Services for Construction of Baobab Maternity Hospital	Year:	2012	Location:	Msasani – Dar es Salaam	Client:	Comprehensive Community Based Rehabilitation in Tanzania (CCBRT)	Positions held and Main Project Features:	Project Quantity Surveyor Construction of hospital facilities, including wards, laundry block, and OPD buildings
Name of Assignment	Provision of Consultancy Services for Construction of Baobab Maternity Hospital										
Year:	2012										
Location:	Msasani – Dar es Salaam										
Client:	Comprehensive Community Based Rehabilitation in Tanzania (CCBRT)										
Positions held and Main Project Features:	Project Quantity Surveyor Construction of hospital facilities, including wards, laundry block, and OPD buildings										

✍️ ✍️

**CURRICULUM VITAE (CV) - THADEUS SHIO**

<p>Preparation of preliminary cost estimates of the works, Cost planning, Measurement &amp; preparation of Bills of Quantities, Preparation of tender documents, Tender evaluation and reporting</p>	<p><b>Name of Activity</b>                      Provision of Consultancy Services for the provision of consultancy services to undertake pre-contract services for the proposed rehabilitation of national district hospitals  <b>Period:</b>    July 2005  <b>Location:</b>                                        Various Regions within the country  <b>Client:</b>    Prime minister's office - Regional Administration and local government  <b>Positions held and Main Project Features:</b>            Project Quantity Surveyor  District health infrastructure rehabilitation component</p>
<p>Preparation of all necessary contract documents, Cost analysis, Preparation of cash flow projections, Preparation of interim valuations, Solving of Contractual and construction problems to ensure smooth progress of the works, Project cost management and control, Settlement of contractual claims, Preparation of final account, Measurement and valuation of variations</p>	<p><b>Name of Activity</b>                      Provision of Consultancy Services for Supervision of Rehabilitation, Extension And Construction Of Health Facilities For Six Districts - Tabora Region  <b>Period:</b>    May 2007 To Dec 2013  <b>Location:</b>                                        Tabora Regions  <b>Client:</b>    Permanent secretary, ministry of health and social welfare  <b>Positions held and Main Project Features:</b>            Project Quantity Surveyor  Rehabilitation, extension and construction of health facilities for six districts, building services installations and associated external works</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p><b>Name of Activity</b>                      Provision of Consultancy Services for Design and Supervision of Expansion to Local Government Training Institute at Hombolo - Dodoma  <b>Period:</b>    2007 - 2011  <b>Location:</b>                                        Hombolo, Dodoma Region  <b>Client:</b>    Local Authorities Provident Fund  <b>Positions held and Main Project Features:</b>            Project Quantity Surveyor  The project involved construction of 2 No Hostel Blocks, Library, cafeteria, 30 Housing Units, Computer Laboratory and sports Facilities. The project covered approximately 160 Hectares</p>

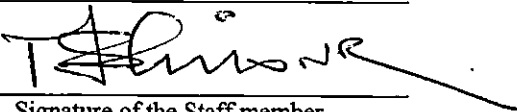



**CURRICULUM VITAE (CV) - THADEUS SHIO**

<p>Preparation of cost plans, preparation of valuations for interim certificates, preparation of final accounts, attending site meetings</p>	<p>Name of Activity: Provision of consultancy Services for Design and Construction Supervision of Belila Lodge                  Period: 2006-2010                  Location: Serengeti, Mara Region                  Client: ASB Tanzania                  Positions held and Main Project Features: Assistant Project Quantity Surveyor                  The project involved construction of Five star tourist hotel facilities comprising of various buildings and outdoor facilities covering an area of approximately 50 Hectares</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Activity: Provision of Consultancy Services for construction of Staff Houses for Selian Agricultural Institute                  Period: 1992                  Location: Selian, Arusha                  Client: Canadian International Development Agency (CIDA)                  Positions held and Main Project Features: Assistant Project Quantity Surveyor                  Construction of 52 Housing Units covering an area of approximately 5 Hectares</p>

**CERTIFICATION:**

I confirm my intention to serve in the stated position and present availability to serve for the term of the proposed contract. I also understand that any wilful misstatement described above may lead to my disqualification, before or during my engagement

\_\_\_\_\_  
  
 Signature of the Staff member

\_\_\_\_\_  
 17 November 2021  
 Date (Day/Month/Year)

\* \*

This is to certify that

*Shio Thadeus Joseph*

is registered as

*a Quantity Surveyor,*

With the registration number

*QL13 82.12/91*

In accordance with the terms of the  
Architects and Quantity Surveyors Act No. 16 of 1987

In witness whereof the common Seal  
has been here to affixed at a meeting of  
the Board of Registration.



*[Signature]*

Chairman

*[Signature]*

Member

*[Signature]*

Member

Date

Registrar

This certificate is held subject to the provisions of the by-laws under the Act.

*[Signature]*

*[Handwritten marks]*

# ARDHI INSTITUTE



AD No. 0252

**This is to certify that**

.....**THADEUS JOSEPH SHIO**.....

**having completed the three—year course  
and satisfied the requirements for the award of the**

## **Advanced Diploma in Building Economics**

.....**FIRST CLASS**.....

**was admitted to the diploma at the Congregation  
held in Dar es Salaam**

**on the** .....**TWENTY THIRD**..... **day**

**of** .....**NOVEMBER**.....

**in the year** .....**1985**.....

.....  
**CHAIRMAN OF THE GOVERNING  
COUNCIL**

.....  
**PRINCIPAL**

**AD No. 0252**

THIS CERTIFICATE IS ISSUED WITHOUT ALTERATION

*Handwritten initials*

# The University of Kansas

By the authority of the Board of Regents of the State of Kansas and  
upon the recommendation of the Faculty of the

## Graduate School

confers upon

**Thadeus Joseph Shio**

the degree of

## Master of Architecture

with all its rights, privileges, and responsibilities.

Given under the seal of the University of Kansas

this eighteenth day of May, nineteen hundred and ninety-seven.



State Board of Regents

*Charles E. Nolan* Chairman  
*William R. Dordick* State  
*Tom C. Hammond* *Myrtle A. Robinson*  
*Francis C. Hanes* *Albert J. Schuyler*  
*John B. Nielson* *Robert H. Hanes*

*R. E. Hamman* Chancellor

*W. F. Shalby* Provost

*Andrew P. Hebecker* Dean

*Richard C. Powell* Interim Registrar



CURRICULUM VITAE (CV) - THADEUS SHIO

*[Handwritten marks]*

The Regents of the  
**UNIVERSITY OF MINNESOTA**

on the recommendation of the faculty  
have conferred upon

**Thadens Joseph Shio**  
the degree of  
**Doctor of Philosophy**

with all its privileges and obligations

Given at Minneapolis, in the State of Minnesota,  
this thirty-first day of May, two thousand six.

*Ann D. Carlson*  
SECRETARY, BOARD OF REGENTS

*Gail Dubrow*  
DEAN OF THE GRADUATE SCHOOL AND VICE PROVOST



*Robert H. Brinninks*  
PRESIDENT

*E. Thomas Sullivan*  
SENIOR VICE PRESIDENT FOR ACADEMIC AFFAIRS AND PROVOST

CURRICULUM VITAE (CV) - THADENS SHIO



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Protected in the United States of America

By the power vested in the Board of Standards of the  
American Academy of Project Management ®,  
the Faculty of the Graduate Division & the Chairman of the Board of  
the American Academy of Project Management ®  
do hereby certify that

**DR THADEUS JOSEPH SHIO, MPM**  
Master Project Manager ®

was duly admitted and licensed the charter, board certification, designation and membership credentials  
with all rights, honors and privileges pertaining thereto: AND is currently in good standing, and has sufficiently  
satisfied education, experience, ethics, testing criteria & other non-academic requirements for certification

AND is also designated as a Fellow of the American Academy of Project Management (FAAPM)

[www.CertifiedProjectManager.us](http://www.CertifiedProjectManager.us)

IN WITNESS WHEREOF is affixed the seal of the American Academy of Project Management ®

July 2015

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GAFM ® is a TUV Accredited Certification  
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**IPMC™**  
Project Management  
International Project  
Management Commission™



*H. Sherwood Mentz*  
For the Board of Standards of  
The American Academy of Project Management™  
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The signatory hereby certifies that the signatory is a duly licensed and qualified member of the American Academy of Project Management (AA PM) and is duly authorized to sign and issue this certificate. The signatory shall be held responsible for the accuracy of the information provided and shall be held liable for any errors or omissions.

CURRICULUM VITAE (CV) - THADEUS SHIO

**CURRICULUM VITAE (CV) - JOSEPH T. TANGO**

<b>Name of Person:</b>	Joseph T. Tango			
<b>Profession:</b>	Quantity Surveyor			
<b>Position:</b>	Director			
<b>Years with Firm</b>	Twenty (20) Years			
<b>Date of Birth:</b>	12 <sup>th</sup> December 1965	<b>Nationality:</b>	Tanzanian	
<b>Education:</b>	<ul style="list-style-type: none"> <li>Advanced Diploma in Building Economics, Ardhi Institute, Dar es Salaam (1990-1993 )</li> </ul>			
<b>Membership in professional Associations :</b>	<ul style="list-style-type: none"> <li>Registered Quantity Surveyor with the Architects and Quantity Surveyors Registration Board, (AQRB).</li> <li>Fellow member, Tanzania Institute of Quantity Surveyors,</li> </ul>			
<b>Countries of Work Experience :</b>	Tanzania			
<b>Languages</b>	<b>Language</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
	English	Excellent	Excellent	Excellent
	Kiswahili	Excellent	Excellent	Excellent
<b>Countries of Work Experience :</b>	Tanzania			
<b>Employment Record:</b>				
<ul style="list-style-type: none"> <li>From</li> <li>Employer</li> <li>Position Held:</li> <li>Brief Description of duties</li> </ul>	2000	<b>To:</b>	Present	
	<b>CQS Services Limited</b>			
	Chief Quantity Surveyor and Managing Director			
	Management of day to day activities of the firm and responsible for Construction Project Management duties such as - administration of contracts, cost planning, cost checks, cost control, contractual and financial matters, project appraisal, cost estimating, cash flow forecasting, and management of and project management of construction projects located in various geographical areas of Tanzania.			
<ul style="list-style-type: none"> <li>From</li> <li>Employer</li> <li>Position Held:</li> <li>Brief Description of duties</li> </ul>	May 1993	<b>To:</b>	October 2000	
	<b>Barker &amp; Barton (Tanzania)</b>			
	Assistant Quantity Surveyor			
	Responsible for Administration and Supervision of various projects undertaken by the company, undertaking activities such as Preparation of: preliminary cost estimates, Cost checks and control, Tender Documents, Pre tender estimates, tender analysis and reporting, Contract Documents, site meetings, interim certificates, measurement of valuation for variations, periodic financial appraisal and cash flow forecast, advising on contractual matters such as extension of time, Final Accounts, Assessment of Fluctuation Claims and Assessment of Direct Loss and Expense and other contractual matters.			

\* \*

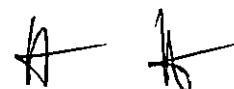
**CURRICULUM VITAE (CV) – JOSEPH T. TANGO**

Detail Tasks Assigned	Work undertaken that best illustrates capability to handle the assignment	
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment Year: Location: Client:  Positions held and Main Project Features:</p>	<p>Provision of consultancy services for construction of Kibong'oto Infectious Diseases Hospital Laboratory <b>2019 - on construction</b> Kibong'oto Kilimanjaro Ministry of Health, Community Development, Gender Elderly &amp; Children Assistant Project Quantity Surveyor Construction Four floors complete with finishes buildings and associated services installations and external works</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment Year: Location: Client:  Positions held and Main Project Features:</p>	<p>Provision of consultancy services for of National Public Health Laboratory <b>on construction</b> Mabibo TFDA area – Dar es salaam Ministry of Health, Community Development, Gender Elderly &amp; Children Assistant Project Quantity Surveyor Construction of 4 storey building (health laboratory) and associated external works (soft and hard landscaping), ancillary buildings (power and incinerator house) and services installation works</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment Year: Location: Client:  Positions held and Main Project Features:</p>	<p>Provision of Consultancy Services for Construction of Baobab Maternity Hospital 2009 to present Msasani – Dar es Salaam Comprehensive Community Based Rehabilitation in Tanzania (CCBRT) Assistant Project Quantity Surveyor Construction of hospital facilities, including wards, laundry block, and OPD buildings</p>
<p>Preparation of all necessary contract documents, Cost analysis, Preparation of cash flow projections, Preparation of interim valuations, Solving of Contractual and construction problems to ensure smooth progress of the works, Project cost management and control, Settlement of contractual claims, Preparation of final account, Measurement and valuation of variations</p>	<p>Name of Assignment Year: Location: Client:  Positions held and Main Project Features:</p>	<p>Provision of Consultancy Services for Supervision of Rehabilitation, Extension And Construction Of Health Facilities For Six Districts – Tabora Region May 2007 To Dec 2013 Tabora Regions Permanent secretary, ministry of health and social welfare Assistant Project Quantity Surveyor Rehabilitation, extension and construction of health facilities for six districts, building services installations and associated external works</p>




**CURRICULUM VITAE (CV) – JOSEPH T. TANGO**

<p>Preparation of preliminary cost estimates of the works, Cost planning, Measurement &amp; preparation of Bills of Quantities, Preparation of tender documents, Tender evaluation and reporting</p>	<p>Name of Assignment  Year: Location: Client:  Positions held and Main Project Features:</p>	<p>Provision of Consultancy Services for the provision of consultancy services to undertake pre-contract services for the proposed rehabilitation of national district hospitals July 2005 Various Regions within the country Prime minister's office - Regional Administration and local government Assistant Project Quantity Surveyor District health infrastructure rehabilitation component</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment  Year: Location: Client: Positions held and Main Project Features:</p>	<p>Provision of Consultancy Services for Design and Supervision of Expansion to Local Government Training Institute at Hombolo - Dodoma 2007 – 2011 Hombolo, Dodoma Region Local Authorities Provident Fund Project Quantity Surveyor The project involved construction of 2 No Hostel Blocks, Library, cafeteria, 30 Housing Units, Computer Laboratory and sports Facilities. The project covered approximately 160 Hectares</p>
<p>Preparation of cost plans, preparation of valuations for interim certificates, preparation of final accounts, attending site meetings</p>	<p>Name of Assignment  Year: Location: Client: Positions held and Main Project Features:</p>	<p>Provision of consultancy Services for Design and Construction Supervision of Belila Lodge 2006-2010 Serengeti, Mara Region ASB Tanzania Assistant Project Quantity Surveyor The project involved construction of Five star tourist hotel facilities comprising of various buildings and outdoor facilities covering an area of approximately 50 Hectares</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment  Year: Location: Client: Positions held and Main Project Features:</p>	<p>Provision of Consultancy Services for construction of Ministry of Water's Office Building (Maji House) at Ubungo - Dar es Salaam On construction (2014 to present) Ubungo – dar es Salaam Ministry of Water and Irrigation Assistant Project Quantity Surveyor Construction of 15 Storeys Office Building Including Mezzanine Floor, Services Installation and Associated External Works.</p>

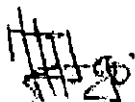


**CURRICULUM VITAE (CV) – JOSEPH T. TANGO**

<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment      Development of AVIC Town          Year:                              2014 - to present (Construction Stage)          Location:                        Somangira- Kigamboni- Dar es Salaam          Client:                            AVIC Coast Land Development (T) Limited          Positions held and              Project Quantity Surveyor          Main Project Features:      Project includes construction of</p> <ul style="list-style-type: none"> <li>• 5000 Housing Units (Bungalows, Villas etc),</li> <li>• Commercial buildings (Retail stores, Restaurants, hotels, banks, swimming pool, etc)</li> <li>• Sports Facilities (tennis court, football field, golf training field, gym etc)</li> </ul> <p>The project cover approximately 583 acres</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment      Provision of Consultancy Services for Design and Supervision of Construction of a New TANhouse on Plot № 34/1 Ursino South, Kinondoni Municipality – DSM          Year:                                Dec 2010 to Feb 2013          Location:                         Along Ali Hassan Mwinyi Road– DSM          Client:                             GH Alliy          Positions held and              Project Quantity Surveyor          Main Project Features:      The project involved construction of Office Block of Thirteen Storey Plus Basement and Mezzanine Floor, Including Reinforced Concrete Frame, Concrete Block Wall, Roofing, Finishes, Building Services Installations and Associated External Works; Built-able Area is approximately 41,600 square metres</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment      Provision of Consultancy Services for Construction of Zanran Towers (Airtel Head Office)          Year:                                2008 - 2010          Location:                         Ali Hassan Mwinyi Road– DSM          Client:                             Zanran Towers Limited          Positions held and              Project Quantity Surveyor          Main Project Features:      Construction of new dormitory blocks, administration and staff houses, and rehabilitation and extension to kitchen &amp; dining building</p>

**CERTIFICATION:**

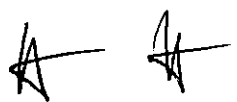
I confirm my intention to serve in the stated position and present availability to serve for the term of the proposed contract. I also understand that any wilful misstatement described above may lead to my disqualification, before or during my engagement



\_\_\_\_\_  
Signature of the Staff member

17<sup>th</sup> November 2021

\_\_\_\_\_  
Date (Day/Month/Year)



Handwritten marks at the top left of the page.

This is to certify that

*Joseph T. Tango*

is registered as

*Quantity Surveyor*

with the registration number

*Q.S. 137/1957*

In accordance with the terms of the

Architects and Quantity Surveyors Act No. 16 of 1957

he has been here to attend at a meeting of

the Board of Registration.

*J. T. Tango*

Chairman

Member

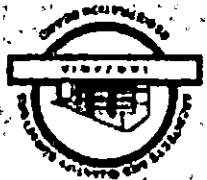
Member

Date

*17 September 1957*

Registrar

This certificate is held subject to the provisions of the Act - Class under the Act.



ARDHI INSTITUTE



AD No.1275

This is to certify that

.....Joseph..Tahhani..Tango.....

having completed the three—year course  
and satisfied the requirements for the award of the

**Advanced Diploma in Building  
Economics**

.....Second..Class..Lower.....

was admitted to the diploma at the Congregation  
held in Dar es Salaam

on the .....Third..... day  
of .....December.....  
in the year .....1993.....

*Jared Rusalyamin*

CHAIRMAN OF THE GOVERNING COUNCIL

*Bakari*

PRINCIPAL

THIS CERTIFICATE IS ISSUED WITHOUT ALTERATION

*A* *K*

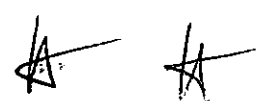
**CURRICULUM VITAE (CV) - SUZANA MARTHA**

<b>Name of Person:</b>	Suzana Martha P. Mndeme			
<b>Position:</b>	Senior Quantity Surveyor			
<b>Profession:</b>	Quantity Surveyor			
<b>Years with Firm</b>	Fourteen (14) Years. Joined after 9 years with Quants Consult Limited			
<b>Date of Birth:</b>	01 <sup>st</sup> October 1970	<b>Nationality:</b>	Tanzanian	
<b>Education:</b>	<ul style="list-style-type: none"> <li>Oct' 1993 to Sept' 1996 - Advanced Diploma in Building Economics.-University College of Lands and Architectural Studies. (formally Ardhi Institute)</li> </ul>			
<b>Membership in professional Associations :</b>	<ul style="list-style-type: none"> <li>Registered Quantity Surveyor with the Architects and Quantity Surveyors Registration Board, (AQRB).</li> <li>Member, Tanzania Institute of Quantity Surveyors, (TIQS)</li> </ul>			
<b>Countries of Work Experience :</b>	Tanzania			
<b>Languages</b>	<b>Language</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
	English	Excellent	Excellent	Excellent
	Kiswahili	Excellent	Excellent	Excellent
<b>Countries of Work Experience :</b>	Tanzania			
<b>1 Employment Record:</b>				
<ul style="list-style-type: none"> <li>From</li> <li>Employer</li> <li>Position Held:</li> <li>Brief Description of duties</li> </ul>	July 2006	To:	Present	
	<b>CQS Services Limited</b> Quantity Surveyor later Promoted to Senior Quantity Surveyor			
	<ul style="list-style-type: none"> <li>Construction Project Management: (administration of contracts, cost planning, cost checks, cost control, contractual and financial matters, project appraisal, cost estimating, cash flow forecasting, and management of rehabilitation and renovation projects.)</li> <li>Project procurement (Local and international tendering procedures, preparation and elaboration of tender documents, measurement of civil and building works, technical specifications, evaluation of tenders, etc.)</li> </ul>			
<ul style="list-style-type: none"> <li>From</li> <li>Employer</li> <li>Position Held:</li> <li>Brief Description of duties</li> </ul>	1997	To:	May 2006	
	<b>Quants Consult Limited</b> Assistant Quantity Surveyor			
	All aspects of Quantity Surveying both Pre-contract and Post-contract; answerable to the Senior Quantity Surveyors.			



**CURRICULUM VITAE (CV) – SUZANA MARTHA**

Detail Tasks Assigned	Work undertaken that best illustrates capability to handle the assignment	
Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of Assignment Year: Location: Client: Positions held and Main Project Features:	Provision of consultancy services for construction of Kibong'oto Infectious Diseases Hospital Laboratory 2019 - <b>on construction</b> Kibong'oto Kilimanjaro Ministry of Health, Community Development, Gender Elderly & Children Project Quantity Surveyor Construction Four floors complete with finishes buildings and associated services installations and external works
Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of Assignment Year: Location: Client: Positions held and Main Project Features:	New main branch and head office Premises fit out works and interior decorations with associated works June 2018- Jan 2020 Nyarugenge, Kigali Banque Populaire Du Rwanda Limited Quantity Surveyor New main branch and head office premises fit-out works and interior decorations to ground floor, mezzanine floor, typical floors (1st to 10th floor) and eleventh floor
Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of Assignment Year: Location: Client: Positions held and Main Project Features:	Construction of classrooms Blocks at Masaki campus, June 2016- September 2017 Kinondoni Municipality- Dar es Salaam International School of Tanganyika (IST) Quantity Surveyor Construction of the classrooms with associated external works and services such as plumbing, air conditioning and electrical installation.
Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of Assignment Year: Location: Client: Positions held and Main Project Features:	Provision of Consultancy Services for Construction of Baobab Maternity Hospital 2009 to present Msasani – Dar es Salaam Comprehensive Community Based Rehabilitation in Tanzania (CCBRT) Quantity Surveyor Construction of hospital facilities, including wards, laundry block, and OPD buildings



**CURRICULUM VITAE (CV) – SUZANA MARTHA**

<p>Preparation of all necessary contract documents, Cost analysis, Preparation of cash flow projections, Preparation of interim valuations, Solving of Contractual and construction problems to ensure smooth progress of the works, Project cost management and control, Settlement of contractual claims, Preparation of final account, Measurement and valuation of variations</p>	<p>Name of Assignment Provision of Consultancy Services for Supervision of Rehabilitation, Extension And Construction Of Health Facilities For Six Districts – Tabora Region                  Year: May 2007 To Dec 2013                  Location: Tabora Regions                  Client: Permanent secretary, ministry of health and social welfare                  Positions held and Main Project Assistant Quantity Surveyor                  Features: Rehabilitation, extension and construction of health facilities for six districts, building services installations and associated external works</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment Provision of Consultancy Services for Design and Supervision of Expansion to Local Government Training Institute at Hombolo - Dodoma                  Year: 2007 – 2011                  Location: Hombolo, Dodoma Region                  Client: Local Authorities Provident Fund                  Positions held and Main Project Quantity Surveyor                  Features: The project involved construction of 2 No Hostel Blocks, Library, cafeteria, 30 Housing Units, Computer Laboratory and sports Facilities. The project covered approximately 160 Hectares</p>
<p>Preparation of cost plans, preparation of valuations for interim certificates, preparation of final accounts, attending site meetings</p>	<p>Name of Assignment Provision of consultancy Services for Design and Construction Supervision of Belila Lodge                  Year: 2006-2010                  Location: Serengeti, Mara Region                  Client: ASB Tanzania                  Positions held and Main Project Assistant Project Quantity Surveyor                  Features: The project involved construction of Five star tourist hotel facilities comprising of various buildings and outdoor facilities covering an area of approximately 50 Hectares</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment Development of AVIC Town                  Year: 2014 - to present (Construction Stage)                  Location: Somangira- Kigamboni- Dar es Salaam                  Client: AVIC Coast Land Development (T) Limited                  Positions held and Main Project Quantity Surveyor                  Features: Project includes construction of  <ul style="list-style-type: none"> <li>• 5000 Housing Units (Bungalows, Villas etc),</li> <li>• Commercial buildings (Retail stores, Restaurants, hotels, banks, swimming pool, etc)</li> <li>• Sports Facilities (tennis court, football field, golf training field, gym etc)</li> </ul> </p>

Preparation of Preliminary cost plans,	Name of Assignment Provision of Consultancy Services for construction
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*(Handwritten signatures)*

**CURRICULUM VITAE (CV) – SUZANA MARTHA**

<p>preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Year: Location: Client: Positions held and Main Project Features:</p>	<p>of Ministry of Water's Office Building (Maji House) at Ubungo - Dar es Salaam On construction (2014 to present) Ubungo – dar es Salaam Ministry of Water and Irrigation Assistant Project Quantity Surveyor Construction of 15 Storeys Office Building Including Mezzanine Floor, Services Installation and Associated External Works.</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment Year: Location: Client: Positions held and Main Project Features:</p>	<p>Provision of Consultancy Services for Design &amp; Supervision of Construction of a New TAN house on Plot № 34/1 Ursino South, Kinondoni Municipality – DSM Dec 2010 to Feb 2013 Along Ali Hassan Mwinyi Road– DSM GH Alliy Assistant Project Quantity Surveyor The project involved construction of Office Block of Thirteen Storey Plus Basement and Mezzanine Floor, Including Reinforced Concrete Frame, Concrete Block Wall, Roofing, Finishes, Building Services Installations and Associated External Works;</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Assignment Year: Location: Client: Positions held and Main Project Features:</p>	<p>Provision of Consultancy Services for Construction of Zanran Towers (Airtel Head Office) 2008 - 2010 Ali Hassan Mwinyi Road– DSM Zanran Towers Limited Assistant Project Quantity Surveyor Construction of seven storey office block (including Basement)</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of assignment Year: Location: Client: Positions held Main Project Features:</p>	<p>Construction, rehabilitation and extension to various buildings at Tanga Nursing Training College April, 2016 – March, 2017 Bombo, Tanga Ministry of Health and Social Welfare Project Quantity Surveyor The project involved rehabilitation and extension of existing dining hall, new construction of administration block, dormitory block, Staff houses and Sewerage system.</p>

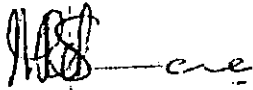
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**CURRICULUM VITAE (CV) – SUZANA MARTHA**

Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of assignment Year: Location:  Client: Positions held Main Project Features:	Construction of Dar es salaam International Academy Second Campus March, 2016 – to November 2017 Ada Estate, Kinondoni Municipality – Dar es Salaam  Dar es salaam International Academy Project Quantity Surveyor Construction of school i.e. Classroom blocks, Laboratories, Library, Teachers' offices, Sports Court
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**CERTIFICATION:**

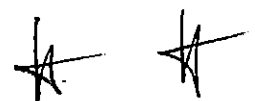
I confirm my intention to serve in the stated position and present availability to serve for the term of the proposed contract. I also understand that any wilful misstatement described above may lead to my disqualification, before or during my engagement



Signature of the Staff member

17<sup>th</sup> November 2021

Date (Day/Month/Year)



CURRICULUM VITAE (CV) - SUZANA MARTHA

This is to certify that  
Susana P. Miranda

As registered as

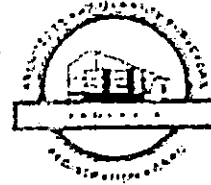
a Quantity Surveyor

With the registration number

QC 177.251.12/09

In accordance with the terms of the  
Architects and Quantity Surveyors Act No. 16 of 1997

In witness whereof the common Seal  
has been here to affixed at a meeting of  
the Board of Registration.



*Scott W. ...*  
Chairman

*Charles ...*  
Member

*John ...*  
Member

1 April 2010  
Date

*[Signature]*  
Registrar

This certificate is void subject to the provisions of the by-laws under the Act.

Co. 777

*[Handwritten marks]*

UNIVERSITY OF DAR ES SALAAM




THIS IS TO CERTIFY THAT

*Suzana Paul Mordense*

has satisfied the requirements for the  
Award of

ADVANCED DIPLOMA IN BUILDING ECONOMICS

  
Vice-Chancellor

  
Chief Academic Officer

12th December, 1998

A

**CURRICULUM VITAE (CV) - THADEUS SHIO**

<b>Name of Person:</b>	Thadeus Shio		
<b>Position:</b>	Director		
<b>Profession:</b>	Quantity Surveyor		
<b>Years with Firm:</b>	22 (Twenty Two) years. Joined after 14 years with Barker & Barton (Tanzania), a former associate company		
<b>Date of Birth:</b>	2 <sup>nd</sup> July, 1957	<b>Nationality:</b>	Tanzanian
<b>Education:</b>	<ul style="list-style-type: none"> <li>• Doctor of Philosophy, University of Minnesota - USA). Specialized in housing development, management and policy (2002 – 2006)</li> <li>• Master of Architecture, University of Kansas, USA. (Specialized in Construction Management) - 1995 – 1997</li> <li>• Advanced Diploma in Building Economics, Ardhi Institute, Dar es Salaam (1982 -1985)</li> </ul>		
<b>Membership in professional Associations :</b>	<ul style="list-style-type: none"> <li>• Registered Quantity Surveyor with the Architects and Quantity Surveyors Registration Board, (AQRB).</li> <li>• Fellow member, Tanzania Institute of Quantity Surveyors,</li> </ul>		
<b>Countries of Work Experience :</b>	Tanzania		
<b>Languages</b>	<b>Language</b>	<b>Speaking</b>	<b>Reading</b>
	English	Excellent	Excellent
	Kiswahili	Excellent	Excellent
<b>Employment Record:</b>			
<ul style="list-style-type: none"> <li>• From</li> </ul>	1999	<b>To:</b>	Present
<b>Employer</b>	<b>CQS Services Limited</b>		
<b>Position Held:</b>	Director and Principal Quantity Surveyor		
<b>Brief Description of duties</b>	Responsible for Construction Project Management duties such as - administration of contracts, cost planning, cost checks, cost control, contractual and financial matters, project appraisal, cost estimating, cash flow forecasting, and management of and project management of construction projects located in various geographical areas of Tanzania.		
<ul style="list-style-type: none"> <li>• From</li> </ul>	1985	<b>To:</b>	1998
<b>Employer</b>	<b>Barker &amp; Barton (Tanzania)</b>		
<b>Position Held:</b>	Quantity Surveyor		
<b>Brief Description of duties</b>	Responsible for Administration and Supervision of various projects undertaken by the company, undertaking activities such as Preparation of: preliminary cost estimates, Cost checks and control, Tender Documents, Pre tender estimates, tender analysis and reporting, Contract Documents, site meetings, interim certificates, measurement of valuation for variations, periodic financial appraisal and cash flow forecast, advising on contractual matters such as extension of time, Final Accounts, Assessment of Fluctuation Claims and Assessment of Direct Loss and Expense and other contractual matters.		

**CURRICULUM VITAE (CV) – THADEUS SHIO**

<ul style="list-style-type: none"> <li>From</li> </ul>	1980	To:	1982
Employer	<b>Barker &amp; Barton (Tanzania)</b>		
Position Held:	Technical assistant		
Brief Description of duties	Responsible for assisting the technicians in the technical matters and Supervision of various projects undertaken by the company.		
<b>Detail Tasks Assigned</b>	<b>Work undertaken that best illustrates capability to handle the assignment</b>		
Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of Assignment	Provision of consultancy services for construction of Kibong'oto Infectious Diseases Hospital Laboratory	
	Year:	2019 - <b>on construction</b>	
	Location:	Kibong'oto Kilimanjaro	
	Client:	Ministry of Health, Community Development, Gender Elderly & Children	
	Positions held and	Project Quantity Surveyor	
	Main Project Features:	Construction Four floors complete with finishes buildings and associated services installations and external works	
Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of Assignment	Provision of consultancy services for of National Public Health Laboratory	
	Year:	<b>on construction</b>	
	Location:	Mabibo TFDA area – Dar es salaam	
	Client:	Ministry of Health, Community Development, Gender Elderly & Children	
	Positions held and	Project Quantity Surveyor	
	Main Project Features:	Construction of 4 storey building (health laboratory) and associated external works (soft and hard landscaping), ancillary buildings (power and incinerator house) and services installation works	
Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations	Name of Assignment	Provision of Consultancy Services for Construction of Baobab Maternity Hospital	
	Year:	2012	
	Location:	Msasani – Dar es Salaam	
	Client:	Comprehensive Community Based Rehabilitation in Tanzania (CCBRT)	
	Positions held and	Project Quantity Surveyor	
	Main Project Features:	Construction of hospital facilities, including wards, laundry block, and OPD buildings	

*[Handwritten signatures]*



**CURRICULUM VITAE (CV) – THADEUS SHIO**

<p>Preparation of preliminary cost estimates of the works, Cost planning, Measurement &amp; preparation of Bills of Quantities, Preparation of tender documents, Tender evaluation and reporting</p>	<p>Name of Activity                      Provision of Consultancy Services for the provision of consultancy services to undertake pre-contract services for the proposed rehabilitation of national district hospitals</p> <p>Period:                                      July 2005</p> <p>Location:                                  Various Regions within the country</p> <p>Client:                                      Prime minister's office - Regional Administration and local government</p> <p>Positions held and Main Project Features:              Project Quantity Surveyor District health infrastructure rehabilitation component</p>
<p>Preparation of all necessary contract documents, Cost analysis, Preparation of cash flow projections, Preparation of interim valuations, Solving of Contractual and construction problems to ensure smooth progress of the works, Project cost management and control, Settlement of contractual claims, Preparation of final account, Measurement and valuation of variations</p>	<p>Name of Activity                      Provision of Consultancy Services for Supervision of Rehabilitation, Extension And Construction Of Health Facilities For Six Districts – Tabora Region</p> <p>Period:                                      May 2007 To Dec 2013</p> <p>Location:                                  Tabora Regions</p> <p>Client:                                      Permanent secretary, ministry of health and social welfare</p> <p>Positions held and Main Project Features:              Project Quantity Surveyor Rehabilitation, extension and construction of health facilities for six districts, building services installations and associated external works</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Activity                      Provision of Consultancy Services for Design and Supervision of Expansion to Local Government Training Institute at Hombolo - Dodoma</p> <p>Period:                                      2007 – 2011</p> <p>Location:                                  Hombolo, Dodoma Region</p> <p>Client:                                      Local Authorities Provident Fund</p> <p>Positions held and Main Project Features:              Project Quantity Surveyor The project involved construction of 2 No Hostel Blocks, Library, cafeteria, 30 Housing Units, Computer Laboratory and sports Facilities. The project covered approximately 160 Hectares</p>

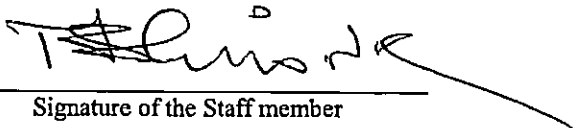



**CURRICULUM VITAE (CV) - THADEUS SHIO**

<p>Preparation of cost plans, preparation of valuations for interim certificates, preparation of final accounts, attending site meetings</p>	<p>Name of Activity                  Period:                  Location:                  Client:                  Positions held and                  Main Project Features:</p>	<p>Provision of consultancy Services for Design and Construction Supervision of Belila Lodge 2006-2010                  Serengeti, Mara Region                  ASB Tanzania                  Assistant Project Quantity Surveyor                  The project involved construction of Five star tourist hotel facilities comprising of various buildings and outdoor facilities covering an area of approximately 50 Hectares</p>
<p>Preparation of Preliminary cost plans, preparation of tender documents, attending site meetings, preparation of valuations for interim certificates, preparation of periodic financial appraisals, Settlement of contractual claims, preparation of Final Accounts and Measurement and valuation of variations</p>	<p>Name of Activity                  Period:                  Location:                  Client:                  Positions held and                  Main Project Features:</p>	<p>Provision of Consultancy Services for construction of Staff Houses for Selian Agricultural Institute                  1992                  Selian, Arusha                  Canadian International Development Agency (CIDA)                  Assistant Project Quantity Surveyor                  Construction of 52 Housing Units covering an area of approximately 5 Hectares</p>

**CERTIFICATION:**

I confirm my intention to serve in the stated position and present availability to serve for the term of the proposed contract. I also understand that any wilful misstatement described above may lead to my disqualification, before or during my engagement

\_\_\_\_\_  
  
 Signature of the Staff member

\_\_\_\_\_  
 17 November 2021  
 Date (Day/Month/Year)




CURRICULUM VITAE (CV) - THADEUS SHIO

This is to certify that

*Shio Thadeus Joseph*

is registered as

*a Quantity Surveyor,*

With the registration number

*QL12 82. 12/91*



In accordance with the terms of the  
Architects and Quantity Surveyors Act No. 16 of 1997

In witness whereof the common Seal  
has been here to affixed at a meeting of  
the Board of Registration.

*[Signature]*  
.....  
Chairman

.....  
Member

*[Signature]*  
.....  
Member

.....  
Date

.....  
Registrar

This certificate is held subject to the provisions of the by-laws under the Act

*Shio Thadeus*  
.....

*[Handwritten marks]*

# ARDHI INSTITUTE



AD No. 0252

**This is to certify that**

.....THADEUS JOSEPH SHIO.....

having completed the three—year course  
and satisfied the requirements for the award of the

## Advanced Diploma in Building Economics

.....FIRST CLASS.....

was admitted to the diploma at the Congregation  
held in Dar es Salaam

on the .....TWENTY THIRD..... day.....

of .....NOVEMBER.....

in the year .....1985.....

.....  
CHAIRMAN OF THE GOVERNING  
COUNCIL

.....  
PRINCIPAL

AD No. 0252

THIS CERTIFICATE IS ISSUED WITHOUT ALTERATION

A A

# The University of Kansas

By the authority of the Board of Regents of the State of Kansas and  
upon the recommendation of the Faculty of the

## Graduate School

confers upon

**Thaddeus Joseph Shio**

the degree of

## Master of Architecture

with all its rights, privileges, and responsibilities.

Given under the seal of the University of Kansas

this eighteenth day of May, nineteen hundred and ninety-seven.



State Board of Regents

*Charles E. Nolan*  
Chancellor  
*William R. Dooling*  
Vice-Chancellor  
*Tom C. Hammond*  
Member  
*Spencer C. Hames*  
Member  
*John B. Nielsen*  
Member  
*Myrtle L. Lee*  
Member  
*Alphie S. Robinson*  
Member  
*Edith Johnston*  
Member  
*Henry Warner*  
Member

*R. E. Hamman*  
Chancellor  
*W. F. Shultz*  
Provost  
*Andrew P. Hebicki*  
Dean  
*Richard C. Newell*  
Librarians Registrar



CURRICULUM VITAE (CV) - THADEUS SHIO

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The Regents of the  
**UNIVERSITY OF MINNESOTA**

on the recommendation of the faculty  
have conferred upon

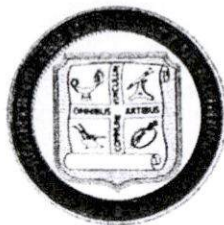
**Thadeus Joseph Shio**  
the degree of  
**Doctor of Philosophy**

with all its privileges and obligations

Given at Minneapolis, in the State of Minnesota,  
this thirty-first day of May, two thousand six.

*Ann D. Carlson*  
SECRETARY, BOARD OF REGENTS

*Gail Dubrow*  
DEAN OF THE GRADUATE SCHOOL AND VICE PROVOST



*Robert H. Brinninks*  
PRESIDENT

*E. Thomas Sullivan*  
SENIOR VICE PRESIDENT FOR ACADEMIC AFFAIRS AND PROVOST

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Protected in the United States of America

By the power vested in the Board of Standards of the  
American Academy of Project Management ®,  
the Faculty of the Graduate Division & the Chairman of the Board of  
the American Academy of Project Management ®

do hereby certify that

**DR THADEUS JOSEPH SHIO, MPM**

**Master Project Manager ®**

was duly admitted and licensed the charter, board certification, designation and membership credentials  
with all rights, honors and privileges pertaining thereto: AND is currently in good standing, and has sufficiently  
satisfied education, experience, ethics, testing criteria & other non-academic requirements for certification

AND is also designated as a Fellow of the American Academy of Project Management (FAAPM)

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IN WITNESS WHEREOF is affixed the seal of the American Academy of Project Management ®

July 2015

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Project Management  
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Management Commission™



*H. Sherwood Menty*  
For the Board of Standards of  
The American Academy of Project Management™  
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CURRICULUM VITAE (CV) - THADEUS SHIO

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**5A9. Proposal Securing Declaration**





Appendix 3: Breakdown of Contract Price

**Form F5B1: Financial Proposal Submission Form**

18<sup>th</sup> Nov 2021

The Permanent Secretary,  
Ministry of Health, Community Development,  
Gender, Elderly and Children,  
P.O BOX 743,  
DODOMA.


Dear Sirs:

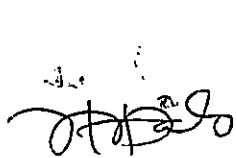
We, the undersigned, offer to provide the consulting services for **Provision of Consultancy Services for Rehabilitation and renovation of Mirembe Mental Hospital procurement under TANZANIA COVID 19 SOCIAL ECONOMIC RECOVERY PLAN (TCRP)** in accordance with your Request for Proposal dated 9<sup>th</sup> April 2019 and our Technical Proposal. Our attached Financial Proposal is for the sum of **TSHS 284,112,500.00 (Tanzania Shillings Two Hundred Eighty Four Million One Hundred Twelve Thousand Five Hundred only)** This amount is exclusive of the local taxes, which we have estimated at **TSHS. 34,657,650.00 (Tanzania Shillings Thirty Four Million Six Hundred Fifty Seven Thousand Six Hundred Fifty only)**

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before 21<sup>st</sup> March 2022.

No Commissions and gratuities have been or are to be paid by us to agents relating to this Proposal and Contract execution.

We understand you are not bound to accept any Proposal you receive.

Authorized Signature [in full and initials]	
Name and title of Signatory	PETER MATINDE
Name of firm	PSM ARCHITECTS CO. LTD
Address	P.O. BOX 76862, DAR ES SALAAM










**PROVISION OF CONSULTANCY SERVICES FOR REHABILITATION AND RENOVATION OF MIREMBE  
MENTAL HOSPITAL PROCUREMENT UNDER TANZANIA COVID 19 SOCIAL ECONOMIC RECOVERY PLAN  
(TCRP) - ME/007/20212022/HQ/C/71**

**SUMMARY OF COSTS**

		AMOUNTS
		TSHS
<b>Cost of the Financial Proposal</b>		
Including:		
1) Remunerations		192,542,500.00
2) Reimbursables		91,570,000.00
<b>TOTAL COST OF FINANCIAL PROPOSAL</b>		<b>284,112,500.00</b>
<b>Indirect Local Tax Estimates</b>		
(i) Value Added Tax		34,657,650.00
<b>Total Estimate for Indirect Local Tax:</b>		<b>34,657,650.00</b>

---

Arch. Peter S. Matinde  
Managing Director  
PSM Architects Limited





## Deliverable/Activity No - 1 : Inception Report

S/N	Names	Position	Man-Months		Rate in T.Shs	Amount inTSHS
<b>KEY STAFF</b>						
1	Arch. Peter Matinde	Team Leader	Office	0.30	7,500,000	2,250,000
			Field	0.15	7,500,000	1,125,000
2	Arch. Alan Sempoli	Project Architect	Office	0.50	7,500,000	3,750,000
			Field	0.15	7,500,000	1,125,000
3	Eng. Pflorence Msambila	Principal Engineer (Structural/Civil)	Office	0.50	7,250,000	3,625,000
			Field	0.15	7,250,000	1,087,500
4	Eng. Robert Damian	Structural/Civil Engineer	Office	0.50	7,250,000	3,625,000
			Field	0.15	7,250,000	1,087,500
5	QS. Thadeus Shio	Quantity Surveyor	Office	0.10	7,250,000	725,000
			Field	0.15	7,250,000	1,087,500
6	Eng. Ntele Nathan Massawe	Mechanical and Sanitation Engineer	Office	0.10	7,250,000	725,000
			Field	0.15	7,250,000	1,087,500
7	Eng.Sospeter Kamugisha	Electrical Engineer	Office	0.10	7,250,000	725,000
			Field	0.15	7,250,000	1,087,500
9	<del>Burton Bidya</del> Joshua Nkya	ICT Engineer	Office	0.10	7,250,000	725,000
			Field	0.00	7,250,000	-
10	Sebastian Bebwa	Land Surveyor	Office	0.20	7,250,000	1,450,000
			Field	0.25	7,250,000	1,812,500
11	Akonaay Ako	Environmental Engineer	Office	0.10	7,250,000	725,000
			Field	0.15	7,250,000	1,087,500
	<b>Subtotals</b>			<b>3.95</b>		<b>28,912,500</b>





S/N	Names	Position		Man-Months	Rate in U.S\$	Amount in U.S\$
	<b>KEY STAFF</b>					
1	Arch. Peter Matinde	Team Leader	Office	1.00	7,500,000	7,500,000
			Field	0.15	7,500,000	1,125,000
2	Arch. Alan Sempoli	Project Architect	Office	1.00	7,500,000	7,500,000
			Field	0.15	7,500,000	1,125,000
3	Eng. Pflorence Msambila	Principal Engineer (Structural/Civil)	Office	1.00	7,250,000	7,250,000
			Field	0.15	7,250,000	1,087,500
4	Eng. Robert Damian	Structural/Civil Engineer	Office	1.00	7,250,000	7,250,000
			Field	0.00	7,250,000	-
5	QS. Thadeus Shio	Quantity Surveyor	Office	1.20	7,250,000	8,700,000
			Field	0.15	7,250,000	1,087,500
6	Eng. Ntele Nathan Massawe	Mechanical and Sanitation Engineer	Office	1.00	7,250,000	7,250,000
			Field	0.00	7,250,000	-
7	Eng. Sospeter Kamugisha	Electrical Engineer	Office	0.50	7,250,000	3,625,000
			Field	0.00	7,250,000	-
9	Burton Bidya Joshua Nkyg	ICT Engineer	Office	1.00	7,250,000	7,250,000
			Field	0.00	7,250,000	-
10	Sebastian Babwa Joshua Nkyg Sebastian Babwa	Land Surveyor	Office	0.25	7,250,000	1,812,500
			Field	0.00	7,250,000	-
11	Akonaay Ako	Environmental Engineer	Office	0.25	7,250,000	1,812,500
			Field	0.00	7,250,000	-
<b>Subtotals</b>				<b>9</b>		<b>64,375,000</b>

**TOTAL FOR PRECONTRACT STAGE 12.75 93,287,500.00**

Deliverable/Activity No 3 : Construction Management Supervision

S/N	Names	Position	Man-Months		Rate in T.Shs	Amount inTSHS
<b>KEY STAFF</b>						
1	Arch. Peter Matinde	Team Leader	Office	0.40	7,500,000	3,000,000
			Field	0.85	7,500,000	6,375,000
2	Arch. Alan Sempoli	Project Architect	Office	0.40	7,500,000	3,000,000
			Field	0.85	7,500,000	6,375,000
3	Eng. Pflorence Msambila	Principal Engineer (Structural/Civil)	Office	0.40	7,250,000	2,900,000
			Field	0.80	7,250,000	5,800,000
4	Eng. Robert Damian	Structural/Civil Engineer	Office	0.30	7,250,000	2,175,000
			Field	0.20	7,250,000	1,450,000
5	QS. Thadeus Shio	Quantity Surveyor	Office	0.80	7,250,000	5,800,000
			Field	0.80	7,250,000	5,800,000
6	Eng. Ntele Nathan Massawe	Mechanical and Sanitation Engineer	Office	0.50	7,000,000	3,500,000
			Field	0.80	7,000,000	5,600,000
7	Eng.Sospeter Kamugisha	Electrical Engineer	Office	0.50	7,000,000	3,500,000
			Field	0.80	7,000,000	5,600,000
8	Burton Bidya Joshua Nkyu	ICT Engineer	Office	0.30	7,000,000	2,100,000
			Field	0.80	7,000,000	5,600,000
9	Sebastian Bebwa	Land Surveyor	Office	0.05	7,000,000	350,000
			Field	0.40	7,000,000	2,800,000
10	Akonaay Ako	Environmental Engineer	Office	0.05	7,500,000	375,000
			Field	0.50	7,500,000	3,750,000
<b>Subtotals</b>				<b>10.50</b>	<b>-</b>	<b>75,850,000</b>

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S/N	Names KEY STAFF	Position	Man-Monuis		Rate in SHS	
1	Arch. Peter Matinde	Team Leader	Office	0.15	7,500,000	1,125,000
			Field	0.27	7,500,000	2,025,000
2	Arch. Alan Sempoli	Project Architect	Office	0.10	7,500,000	750,000
			Field	0.27	7,500,000	2,025,000
3	Eng. Pflorence Msambila	Principal Engineeer (Structural/Civil)	Office	0.10	7,250,000	725,000
			Field	0.27	7,250,000	1,957,500
4	Eng. Robert Damian	Structural/Civil Engineer	Office	0.00	7,250,000	-
			Field	0.27	7,250,000	1,957,500
5	QS. Thadeus Shio	Quantity Surveyor	Office	0.50	5,000,000	2,500,000
			Field	0.27	5,000,000	1,350,000
6	Eng. Ntele Nathan Massawe	Mechanical and Sanitation Engineer	Office	0.25	7,250,000	1,812,500
			Field	0.27	7,250,000	1,957,500
7	Eng. Sospeter Kamugisha	Electrical Engineer	Office	0.20	7,250,000	1,450,000
			Field	0.27	7,250,000	1,957,500
8	<del>Burton Bidya</del> Joshua Nkyr	ICT Engineer	Office	0.10	7,250,000	725,000
			Field	0.15	7,250,000	1,087,500
9	Sebastian Bebwa	Land Surveyor	Office	0.00	7,250,000	-
			Field	0.00	7,250,000	-
10	Akonaay Ako	Environmental Engineer	Office	0.00	7,250,000	-
			Field	0.00	7,250,000	-
				3.44	-	23,405,000

TOTAL FOR POST CONTRACT

13.94

99,255,000

GRAND TOTALS

26.69 T.SHS

192,542,500.00

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PRECONTRACT STAGE

Deliverable/Activity No - 1 : Inception Report

S/N	Description	Unit	Quantity	Unit Price	Total Amount in TSHS
1	Road Travel	Trips	1	1,350,000	1,350,000
2	Local Transport costs	Trips	1	1,200,000	1,200,000
3	Per Diem	Trips	1	2,400,000	2,400,000
4	Drafting and production of reports	L/sum			1,500,000
5	ESIA includng NEMC Registration	L/sum			
6	Topograhical and Detailed Surveying	L/sum			15,000,000
7	Geotechnical Investigation	L/sum			32,000,000
	<b>Sub Total</b>				<b>53,450,000</b>

Deliverable/Activity No. - 2 : Design Review of construction/renovation documents.

S/N	Description	Unit	Quantity	Unit Price	Total Amount in TSHS
1	Road Travel	Trips	1	1,350,000	1,350,000
2	Local Transport costs	Trips	1	240,000	240,000
3	Per Diem	Trips	1	750,000	750,000
4	Drafting and production of reports	L/sum			1,500,000
5	ESIA includng NEMC Registration	L/sum			
6	Topograhical and Detailed Surveying	L/sum			
7	Geotechnical Investigation	L/sum			
	<b>Sub Total</b>				<b>3,840,000</b>



**Deliverable/Activity No 3 : Construction Management Supervision**

S/N	Description	Unit	Quantity	Unit Price	Total Amount in TSHS
1	Road	Trips	7	1,350,000	9,450,000
2	Local Transport costs	Trips	7	240,000	1,680,000
3	Per Diem	Trips	7	1,000,000	7,000,000
4	Drafting and production of reports	L/sum			5,250,000
5	ESIA includng NEMC Registration	L/sum			
6	Topograhical and Detailed Surveying	L/sum			
7	Geotechnical Investigation	L/sum			
	<b>Sub Total</b>				<b>23,380,000</b>

**Deliverable/Activity No 4 : Defects Liability Period Monitoring and Final Account**

S/N	Description	Unit	Quantity	Unit Price	Total Amount in TSHS
1	Road Travel	Trips	2	1,350,000	2,700,000
2	Local Transport costs	Trips	2	600,000	1,200,000
3	Per Diem	Trips	2	1,000,000	2,000,000
4	Drafting and production of reports	L/sum			5,000,000
5	ESIA includng NEMC Registration	L/sum			
6	Topograhical and Detailed Surveying	L/sum			
7	Geotechnical Investigation	L/sum			
	<b>Sub Total</b>				<b>10,900,000</b>

<b>GRAND TOTALS</b>	<b>TSHS</b>	<b>91,570,000</b>
---------------------	-------------	-------------------

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**Form 5B5 Breakdown of Taxes**

Sl. No.	Description <sup>12</sup>	Unit	Unit Cost <sup>13</sup>	Quantity	Cost for Each Item <sup>14</sup>
1	VAT on Staff Remuneration	192,542,500.00	18%	1	34,657,650.00
2	VAT on Reimbursable Expenses	-		1	-
	<b>Total Cost</b>				<b>34,657,650.00</b>

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**STAFFING SCHEDULE FOR PROFESSIONAL PERSONNEL - KEY STAFF**

RESOURCE NAME	PROPOSED POSITION	PHASE	PRE-CONTRACT		POST CONTRACT		Total Staff input (manmonths)			
			D-1	D-2	D-3	D-8				
			Inception	Design review	Construction Management and Supervision	Defects Liability Monitoring and Final Account	OFFICE	FIELD	TOTAL	
		Duration In Months	0.50	0.50	6.00	6.00				
<b>KEY STAFF</b>										
1	Arch. Peter Matinde	Team Leader	Office	0.30	1.00	0.40	0.15	1.85		
			Field	0.15	0.15	0.85	0.27		1.42	3.27
2	Arch. Alan Sempoli	Project Architect	Home	0.50	1.00	0.40	0.10	2.00		
			Field	0.15	0.15	0.85	0.27		1.42	3.42
3	Eng. Pflorance Msambila	Principal Engineer (Structural/Civil)	Office	0.50	1.00	0.40	0.10	2.00		
			Field	0.15	0.15	0.80	0.27		1.37	3.37
4	Eng. Robert Damian	Structural/Civil Engineer	Office	0.50	1.00	0.30		1.80		
			Field	0.15	-	0.20	0.27		0.62	2.42
5	QS. Thadeus Shio	Quantity Surveyor	Home	0.10	1.20	0.80	0.50	2.60		
			Field	0.15	0.15	0.80	0.27		1.37	3.97
6	Eng. Ntele Nathan Massawe	Mechanical and Sanitation Engineer	Office	0.10	1.00	0.50	0.25	1.85		
			Field	0.15	-	0.80	0.27		1.22	3.07
7	Eng. Sospeter Kamugisha	Electrical Engineer	Office	0.10	0.50	0.50	0.20	1.30		
			Field	0.15	-	0.80	0.27		1.22	2.52
9	Burton Bidya	ICT Engineer	Office	0.10	1.00	0.30	0.10	1.50		
			Field	-	-	0.80	0.15		0.95	2.45
10	Sebastian Bebwa	Land Surveyor	Home	0.20	0.25	0.05		0.50		
			Field	0.25	-	0.40	-		0.65	1.15
11	Akomaay Ako	Environmental Engineer	Office	0.10	0.25	0.05		0.40		
			Field	0.15	-	0.50	-		0.65	1.05
<b>→ SUBTOTAL</b>							15.80	10.89	26.69	
<b>SUPPORT STAFF</b>										
			Office							
			Field							
<b>→ SUBTOTAL</b>										

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**STAFFING SCHEDULE FOR PROFESSIONAL PERSONNEL - KEY STAFF**

RESOURCE NAME	PROPOSED POSITION	PHASE	PRE-CONTRACT		POST CONTRACT		Total Staff input (manmonths)		
			D-1	D-2	D-3	D-8			
RESOURCE NAME	PROPOSED POSITION	Activity	Inception	Design review	Construction Management and Supervision	Defects Liability Monitoring and Final Account			
		Duration In Months	0.50	0.50	6.00	6.00	OFFICE	FIELD	TOTAL
<b>TOTAL</b>							<b>15.80</b>	<b>10.89</b>	<b>26.69</b>

Arch. Peter S. Matinde  
 Managing Director  
 PSM Architects Limited

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**STAFFING SCHEDULE FOR PROFESSIONAL PERSONNEL - KEY STAFF**

RESOURCE NAME	PROPOSED POSITION	PHASE	PRE-CONTRACT		POST CONTRACT		Total Staff input(manmonths)			
			D - 1	D - 2	D - 3	D - 8				
			Inception	Design review	Construction Management and Supervision	Defects Liability Monitoring and Final Account	OFFICE	FIELD	TOTAL	
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			Field	0.25	-	0.40	-		0.65	1.15
11	Akonoay Ako	Environmental Engineer	Office	0.10	0.25	0.05		0.40		
			Field	0.15	-	0.50	-		0.65	1.05
<b>SUBTOTAL</b>							<b>15.80</b>	<b>10.89</b>	<b>26.69</b>	
<b>SUPPORT STAFF</b>										
			Office							
			Field							
<b>SUBTOTAL</b>										

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**STAFFING SCHEDULE - PROFESSIONAL PERSONNEL - KEY STAFF**

RESOURCE NAME	PROPOSED POSITION	PHASE	PRE-CONTRACT		POST CONTRACT				
			D - 1	D - 2	D - 3	D - 8			
RESOURCE NAME	PROPOSED POSITION	Activity	Inception	Design review	Construction Management and Supervision	Defects Liability Monitoring and Final Account	Total Staff Input (manmonths)		
		Duration in Months	0.50	0.50	6.00	6.00	OFFICE	FIELD	TOTAL
<b>TOTAL</b>							15.80	10.89	26.69



Arch. Peter S. Matinde  
 Managing Director  
 PSM Architects Limited