



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

PROJECT NO. : ZNB 5673/2022-H

DESCRIPTION OF SERVICE : APPOINTMENT OF A MULTI-DISCIPLINARY PROFESSIONAL TEAM FOR 12 MALARIA SPRAY CAMPS UPGRADES AND ADDITIONS IN UMKHANYAKUDE DISTRICT

DISCIPLINE : MULTI-DISCIPLINARY TEAM LED BY AN ARCHITECT

**DEPARTMENT OF HEALTH
CENTRAL SUPPLY CHAIN MANAGEMENT DIRECTORATE
Private Bag X9051
Pietermaritzburg 3200**

PLEASE NOTE THAT THIS BID IS SUBJECT TO TREASURY REGULATIONS 16A ISSUED IN TERMS OF THE PUBLIC FINANCE MANAGEMENT ACT, 1999, THE KWAZULU-NATAL SUPPLY CHAIN MANAGEMENT POLICY FRAMEWORK AND THE GENERAL CONDITIONS OF CONTRACT PRESCRIBED BY PROVINCIAL TREASURY.

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SECTION A

INVITATION TO BID

DESCRIPTION:

THE APPOINTMENT OF A MULTI-DISCIPLINARY PROFESSIONAL TEAM LED BY AN ARCHITECT TO PROVIDE PROFESSIONAL CONSULTING SERVICES FOR 12 MALARIA SPRAY CAMPS UPGRADES AND ADDITIONS IN UMKHANYAKUDE DISTRICT

Project Number : ZNB 5673/2022-H
Closing Date : 22 July 2022
Closing Time : 11:00
Advert date :

Compulsory Briefing : Yes
Date : 13 July 2022
Time : 10:00
Venue : Malaria Control Programme Offices, Jozini, 3969
Validity period : 84 days

THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM

BID DOCUMENTS MAY BE POSTED TO:

HEAD: DEPARTMENT OF HEALTH
CENTRAL SUPPLY CHAIN MANAGEMENT DIRECTORATE
PRIVATE BAG X9051
PIETERMARITZBURG,
3200

OR

DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS):

SUPPLY CHAIN MANAGEMENT
OLD BOYS SCHOOL
310 JABU NDLOVU STREET
PIETERMARITZBURG
3201

Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration.

The bid box is generally open 24 hours a day, 7 days a week.

ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (NOT TO BE RE-TYPED)
THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT

THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO WILL RESULT IN YOUR BID BEING DISQUALIFIED)

NAME OF BIDDER:

POSTAL ADDRESS:

Code:

STREET ADDRESS:

Code:

TELEPHONE:

Code:

Number:

CELL PHONE :

Code:

Number:

FACSIMILE NUMBER:

Code:

Number:

E-MAIL ADDRESS:

VAT REGISTRATION NUMBER:

SIGNATURE OF BIDDER:

DATE:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Department : KZN - DEPARTMENT OF HEALTH
Contact Person : Junitha Sookraj
Tel : (033) 815 8369
E-mail address : junitha.sookraj@kznhealth.gov.za

ANY ENQUIRIES REGARDING TECHNICAL INFORMATION MAY BE DIRECTED TO:

Department : KZN - DEPARTMENT OF HEALTH
Contact Person : Takalani Netshipale
Tel : (083) 287 5951
E-mail address : Takalani.Netshipale@kznhealth.gov.za

SECTION B

SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF FORMS

PLEASE NOTE THAT THIS BID IS SUBJECT TO TREASURY REGULATIONS 16A ISSUED IN TERMS OF THE PUBLIC FINANCE MANAGEMENT ACT, 1999, THE KWAZULU-NATAL SUPPLY CHAIN MANAGEMENT POLICY FRAMEWORK AND THE GENERAL CONDITIONS OF CONTRACT.

1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and vice versa and with words importing the masculine gender shall include the feminine and the neuter.
2. Under no circumstances, whatsoever may the bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
4. Bid submitted must be complete in all respects.
5. Bid shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the bid documents.
6. Each bid shall be addressed in accordance with the directives in the bid documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the bid number and closing date indicated on the envelope. The envelope shall not contain documents relating to any bid other than that shown on the envelope. If this provision is not complied with, such bids will be rejected as being invalid.
7. A specific box is provided for the receipt of bids, and no bid found in any other box or elsewhere subsequent to the closing date and time of bid will be considered.
8. No bid sent through the post will be considered if it is received after the closing date and time stipulated in the bid documentation, and proof of posting will not be accepted as proof of delivery.
9. No bid submitted by telefax, telegraphic or other electronic means will be considered.
10. Bid documents must not be included in packages containing samples. Such bids will be rejected as being invalid.
11. Any alteration made by the bidder must be initialled.
12. Use of correcting fluid is prohibited and will render the bid invalid.
13. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.

SECTION C

REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE

1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the verification functionality of key supplier information.
2. Prospective suppliers will be able to self-register on the CSD website: www.csd.gov.za
3. Once the supplier information has been verified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated.
4. Suppliers to provide their CSD supplier number and unique security code to organs of state to view their verified CSD information.

CSD NUMBER

SECTION D

DECLARATION THAT INFORMATION ON CENTRAL SUPPLIER DATABASE IS CORRECT AND UP TO DATE

(To be completed by bidder)

This is to certify that I

.....
(name of bidder / authorised representative)

Who represents

.....
(state name of bidder)

Am aware of the contents of the Central Supplier's Database with respect to the bidder's details and registration information, and that the said information is correct and up to date as on the date of submitting this bid.

In addition, I am aware that incorrect or outdated information may be a cause for disqualification of this bid from the bidding process, and/or possible cancellation of the contract that may be awarded on the basis of this bid.

.....
Name of bidder

.....
Signature of bidder or authorised representative

.....
Date

SECTION E

DECLARATION OF INTEREST – SBD 4

1. Any legal person, including persons employed by the state*, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest, where-

- the bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

- 2.1. Full Name of bidder or his or her representative:

- 2.2. Identity Number:

- 2.3. Position occupied in the Company (director, trustee, shareholder¹, member):

- 2.4. Registration number of company, enterprise, close corporation, partnership agreement or trust:

- 2.5. Tax Reference Number:

* "State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

2.6. VAT Registration Number:

2.7. Are you or any person connected with the bidder presently employed by the state?

YES / NO

2.7.1. If so, furnish the following particulars:

Name of person / director / shareholder/ member:

Name of state institution to which the person is connected:

Position occupied in the state institution:

Any other particulars:

.....
.....
.....

2.8. Did you or your spouse, or any of the company's directors / shareholders / members or their spouses conduct business with the state in the previous twelve months?

YES / NO

2.8.1. If so, furnish particulars:

2.9. Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

YES / NO

2.9.1. If so, furnish particulars.

2.10. Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and/or adjudication of this bid?

YES / NO

2.10.1. If so, furnish particulars.

2.11. Do you or any of the directors / shareholders / members of the company have any interest in

any other related companies whether or not they are bidding for this contract?

YES / NO

2.11.1. If so, furnish particulars.

DECLARATION

I, the undersigned

(name)

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2.1 TO 2.11.1 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY ACT AGAINST ME IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

Signature

Date

Position

Name of bidder

SECTION F

FORM OF OFFER AND ACCEPTANCE

1. Offer

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

An Entity to provide a multi-disciplinary team of experienced and skilled professional consulting services with an Architect as Lead Consultant

For the project: 12 MALARIA SPRAY CAMPS UPGRADES AND ADDITIONS IN UMKHANYAKUDE DISTRICT

The bidder, identified in the offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the bidder, deemed to be duly authorized, signing this part of this form of offer and acceptance, the bidder offers to perform all of the obligations and liabilities of the Service Provider under the Contract including compliance with all its terms and conditions according to their true intent and meaning for remuneration to be determined in accordance with the conditions of Contract identified in the Contract Data.

2. Price

The offered price for the multi-disciplinary team with an Architect as Lead Consultant, inclusive of value added tax, is

R (in figures)

and,

Rand (in words)

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the bidder before the end of the period of validity stated in the Tender Data, whereupon the bidder becomes the party named as the Service Provider in the conditions of Contract identified in the Contract Data.

3. This offer is made by the following Legal Entity: **(please cross out the block that is not applicable)**

	or	
Company or Close Corporation		Natural person or Partnership
Registration number:		Identity number:
Income Tax Reference number:		Income Tax Reference number:

and who is (if applicable):

Trading under the name and style of:

and who is:

Represented herein, and who is duly authorised to do so, by:

In his/her capacity as:

Note: A resolution / power of attorney, signed by all the directors / members / partners of the legal entity must accompany this offer, authorising the representative to make this offer.

4. Signed for the bidder:

Name of representative

Signature

Date

5. Witnessed by:

Name of representative

Signature

Date

6. Domicilium Citandi Et Executandi

The bidder elects as its domicilium citandi et executandi in the Republic of South Africa, where any and all legal notices may be served, as (physical address):

Street address::

Code:

Postal address

Code:

Telephone:

Code:

Number:

Cell phone :

Code:

Number:

Facsimile number:

Code:

Number:

E-mail address:

Banker:

Branch:

7. Acceptance

By signing this part of this form of offer and acceptance, the Employer identified below accepts the bidder's offer. In consideration thereof, the Employer shall pay the Service Provider the amount due in accordance with the conditions of Contract identified in the Contract Data. Acceptance of the bidder's offer shall form an agreement between the Employer and the bidder upon the terms and conditions contained in this agreement and in the Contract that is the subject of this agreement.

8. The terms of the Contract

The terms of the Contract are contained in:

Part C1 Agreements and Contract Data, (which includes this agreement) Part C2 Pricing Data

and;

Documents or parts thereof, which may be incorporated by reference into Parts C1 to C2 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the bidder and the Employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from set documents are valid unless contained in this schedule.

The bidder shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of Contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect, if sent by registered post, 4 days from the date on which it was posted, if delivered by hand, on the day of delivery, provided that it has been delivered during ordinary business hours, or if sent by fax, the first business day following the day on which it was faxed. Unless the bidder (now Service Provider) within seven working days of the date of such submission notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

9. Signed for the Employer:

.....
Name of representative

.....
Signature

.....
Date

Street address:

.....
.....
.....
Code:

Telephone:

Code:

Number:

Facsimile number:

Code:

Number:

10. Witnessed by:

.....
Name of representative

.....
Signature

.....
Date

11. Schedule of Deviations

1	Subject	.....
	Details	....................
2	Subject	.....
	Details	....................
3	Subject	.....
	Details	....................
4	Subject	.....
	Details	....................
5	Subject	.....
	Details	....................

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

SECTION G

SPECIFICATIONS, SCOPE, EVALUATION

AN ENTITY TO PROVIDE A MULTI-DISCIPLINARY TEAM OF EXPERIENCED AND SKILLED PROFESSIONAL CONSULTING SERVICES WITH AN ARCHITECT AS LEAD CONSULTANT

1. Project Description:

12 Malaria Spray Camps: Upgrades and Additions through the construction and/or renovations to the existing Malaria Spray Camp facilities.

2. Project Background

The National Malaria Programme (NMP) in South Africa is part of the Directorate at the National Department of Health (NDOH) responsible for malaria, vector-borne and zoonotic diseases. Dedicated Provincial Malaria Programmes exist in the three endemic provinces, namely KwaZulu-Natal, Limpopo, and Mpumalanga.

As stated in the Kwa Zulu Natal Department of Health Strategic Plan for 2020/21 – 2024/25, the Sustainable Development Goal (SDG) highlighted in this project is to reduce by one-third premature mortality from non-communicable diseases through prevention and treatment, and promote mental health and wellbeing by 2030.

To achieve this SDG, it is required that Malaria Spray Camps are developed, built, maintained and refurbished in the identified regions in Kwa-Zulu Natal, particularly in uMkhanyakude District. The purpose of the Malaria Spray Camps is to provide accommodation and offices for staff members who will be implementing targeted Indoor Residual Spraying (IRS) intervention, which is the application of insecticide onto the interior walls of houses, in the hotspot regions. As well, the staff members who will be located at the malaria spray camps will be collecting and analysing samples extracted from site, which requires the need for the malaria spray camps to be located outside any hospital or clinic's immediate vicinity.

In summary, the upgraded Malaria Camps will improve the implementation of the Malaria Elimination programme in the uMkhanyakude Health District, while ensuring staff and community safety. This project will thereby help in containing and reducing the outbreak of malaria in uMkhanyakude District.

3. Site location

Below in Table 3-1 and Table 3-2 are the 12 camp facilities (including one new facility, Nkodibe Camp), which were selected to be refurbished. Figure 3- illustrates the geolocation of the malaria spray camps.

Table 3-1: Prioritisation and geolocation matrix of selected spray camps

No.	Facility Name (Malaria Camp Name)	CO-ORDINATES		Type of facility	Priority
1.	Mbazwana Camp	27.492811 S	32.594799 E	Malaria Specialised Camp	1
2.	Mfekayi Camp	28.144780 S	32.320250 E	Malaria Specialised Camp	1
3.	Manguzi Camp	26.976210 S	32.764632 E	Malaria Specialised Camp	1
4.	Makanis Camp	27.022672 S	32.305744 E	Malaria Specialised Camp	1
5.	Ndumo Camp	26.919417 S	32.266329 E	Station Facility	2
6.	Mamfene Camp	27.450185 S	32.164654 E	Station Facility	2
7.	Dukuduku Camp	28.373382 S	32.364132 E	Station Facility	2
8.	Mseleni Camp	27.359495 S	32.534526 E	Station Facility	2
9.	Othobothini Camp	27.359742 S	32.132059 E	Station Facility	3
10.	Selezi Camp	27.080654 S	32.553475 E	Station Facility	3
11.	Nkodibe Camp	28.380360 S	32.182760 E	Station Facility	3
12.	Shemula Camp	27.001456 S	32.279453 E	Station Facility	3

Table 3-2: Matrix of Existing Facilities per Site

No.	Facility Name (Malaria Camp Name)	NEAREST HF	DISTANCE
1.	Mbazwana Camp	Mbazwana Clinic	1.7 km
2.	Mfekayi Camp	Nkundusi Clinic	500 metres
3.	Manguzi Camp	Manguzi Hospital	1.8 km
4.	Makanis Camp	Kwandaba Clinic	Sharing Boundary
5.	Ndumo Camp	Ndumo Clinic	1.9 km
6.	Mamfene Camp	Makhathini Clinic	900 m
7.	Dukuduku Camp	Sipho Zungu Clinic	1.5 km
8.	Mseleni Camp	Mseleni Hospital	6.5 km
9.	Othobothini Camp	Nondabuya Clinic	3.4 km
10.	Selezi Camp	Phelandaba Clinic	900 m
11.	Nkodibe Camp	Mpukunyoni Clinic	4 km
12.	Shemula Camp	Shemula Clinic	11.2 km

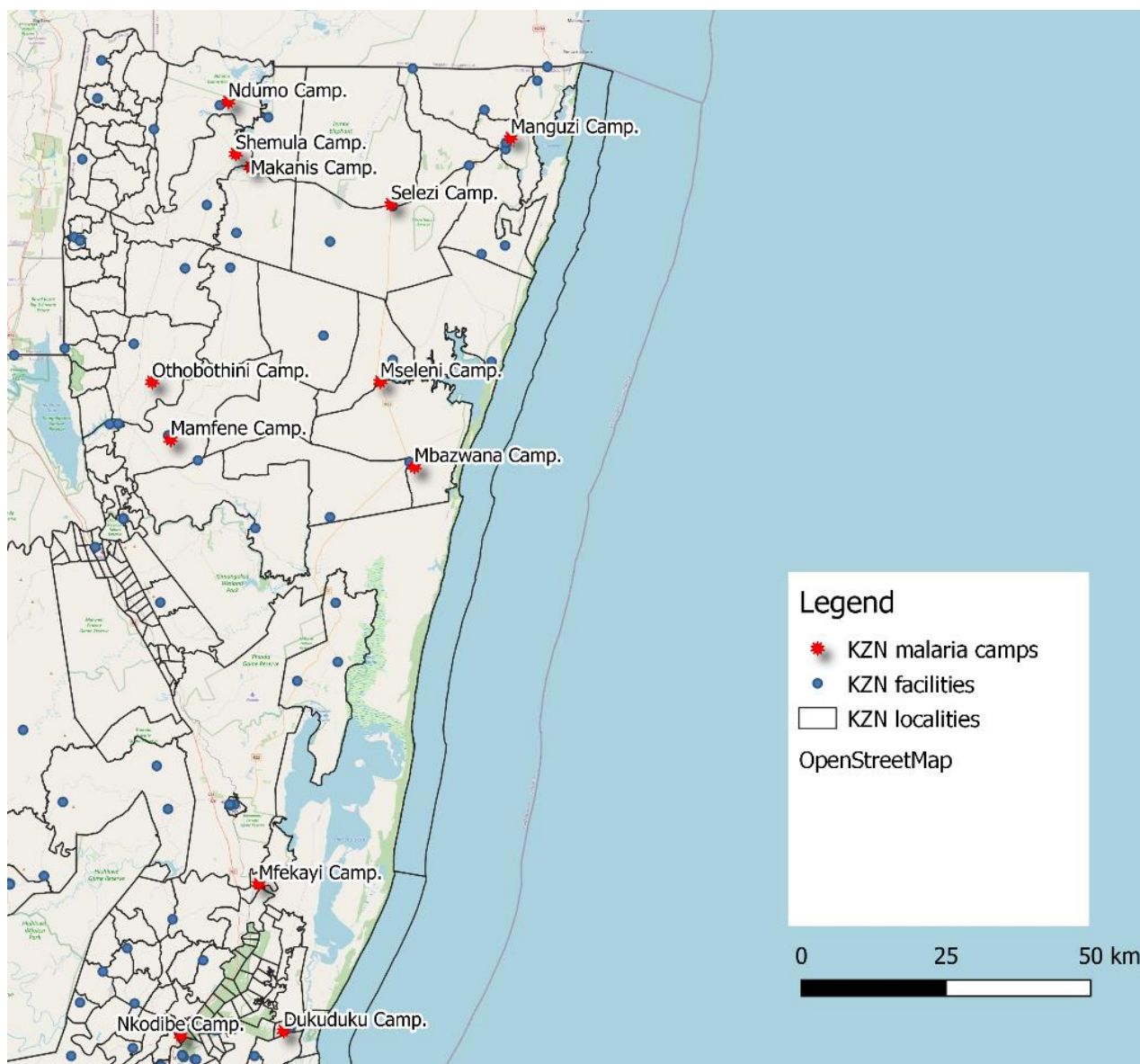


Figure 3-1: Geolocation of selected spray camps

4. Detailed Project Scope of Work

Please refer to the **Project Brief attached as Appendix D** for the proposed full scope of the project. The final value of works and the list of facilities should be taken as correct in this bid document and not the information in the Project Brief.

5. Project Outcomes:

In line with the Kwa Zulu Natal Department of Health Strategic Plan for 2020/21 – 2024/25, the Project Outcome is to reduce morbidity and mortality. Under the section “Reducing Morbidity and Mortality”, the Epidemiology, Health Research and Knowledge Management component has produced research reports on EMS; Malaria and Bilharzia; HIV/AIDS, TB and Trauma; MCWH; NCDs; Community Health; PHC and Hospitals and immunisation and selected child diseases. The research indicates the following results.

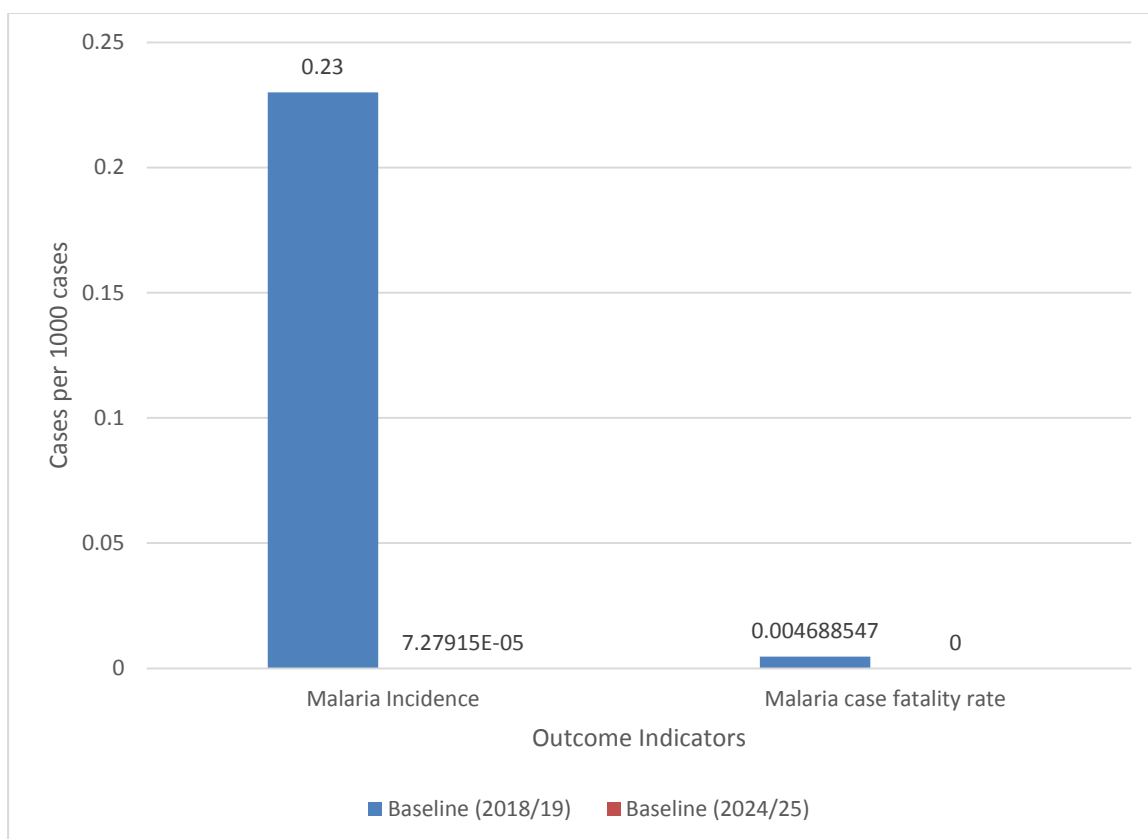


Figure 5-1: Outcome indicators for malaria (Kwa-Zulu Natal Department of Health Strategic Plan 2020-2025)

The outcome indicators for the number of malaria cases per 1000 cases, as illustrated in Figure 5-, are required to be exponentially reduced in terms of malaria incidence and malaria case fatality rate from the 2018/19 to 2024/26. The targeted outcome will also be a result of the improved infrastructure, which will enable the implementation of the Malaria Elimination programme in an effective and compliant environment.

6. Project Objectives:

The goal of the project is to reach the Kwa-Zulu Natal Strategic Plan of the 5-year target of zero cases per 1000 cases (50 cases per 686 893-malaria cases) by 2024/2025 financial year for the Provincial Outcome of “Reduced Morbidity and Mortality”.

As part of the goal of the National Malaria Elimination Strategic plan for South Africa to achieve zero local malaria transmission in South Africa by the year 2023, the plan has identified five key objectives in relation to this project to achieve the above-mentioned main goal:

- Provide effective management, leadership and coordination for the optimal implementation of malaria elimination interventions at all levels by 2023.
- Strengthen and sustain the surveillance system so that 100% of malaria cases are reported into the Malaria Information System (MIS) within 24 hours by 2023.
- Ensure that 90% of the population affected by malaria receives information education communication (IEC) messaging by 2023.
- Protect all populations at risk to achieve at least 95% coverage with key vector suppression strategies and interventions for the period 2019-2023.
- Ensure universal access to diagnosis and treatment in endemic and non-endemic areas according to national guidelines for the period 2019-2023.

The infrastructure division has identified the following related objectives:

- For the upgraded camps to ensure appropriate infrastructure to facilitate the Malaria Elimination programme, thereby servicing the affected communities.
- Job creation during construction and for operation of the camp/station
- To enable a safe and effective implementation of the Malaria Elimination programme.

7. Project Success Criteria:

- The project output will be the reconstruction, water and electricity connection and furnishing of twelve (12) Malaria Spray camps in the uMkhanyakude district as part of the Malaria Spray Camp programme.
- The project output will be complete Malaria Spray Camp facilities that provide adequate infrastructure to implement the Malaria Elimination programme in a safe and effective manner.
- The concurrent success will be the spraying of 80% of the houses in the community of the spray camps to ensure a reduced 50 cases per 686 893 previous cases.
- Protect all populations at risk to achieve at least 95% coverage with key vector suppression strategies and interventions for the period 2019-2023.

8. Scope of Works of the Construction Project:

Please refer to the Project Brief attached as Appendix D for the proposed full scope of the project. The final value of works and the list of facilities should be taken as correct in this bid document and not the information in the Project Brief.

9. Statutory Requirements:

Legislation:	All applicable Acts and Regulations pertaining to the Health Environment; OHS Act and Regulations; and All applicable Acts and Regulations for the various Professional Consultancy Services
Norms:	Infrastructure Unit Support Systems (IUSS) guidelines
Standards:	Infrastructure Unit Support Systems (IUSS) guidelines; Standard for Infrastructure Procurement and Delivery Management; Framework for Infrastructure Delivery and Procurement Management (FIDPM) and All applicable standards, regulations and/or specifications of KZN Department of Health
Policies:	All applicable policies of KZN Department of Health
Other Requirements:	Relevant SANS codes All applicable standards, regulations and/or specifications of KZN Department of Health

10. Required Multi-disciplinary Team Composition

The team will be comprised of the following

- Architect including Principal Consultant and Principal Agent Services
- Quantity Surveyor
- Structural Engineer/Technologist
- Civil Engineer/Technologist

- Electrical Engineer/Technologist
- Mechanical Engineer/Technologist
- Construction Health and Safety Agent
- Land Surveyor
- Geotechnical Engineer/Technologist
- IT Specialist

11. Scope of Services required from Team of Professional Service Providers (PSP):

The standard services/deliverables required (for All Construction Stages) from the consultants are as set out in the following government gazettes:

11.1. Architect including Principal Consultant and Principal Agent Services

South African council for the Architectural Profession, Board Notice 122 of 2015, Government Gazette No. 38863, 12 June 2015

11.2. Quantity Surveyor

The South African Council for the Quantity Surveying Professions, Board Notice 170 of 2015, Government Gazette No 391134 of 28 August 2015

11.3. Engineers/Technologists

Engineering Council of South Africa, Board Notice 138 of 2015, Government Gazette No. 39480 of 04 December 2015

11.4. Construction Health & Safety Agent

All roles, responsibilities and deliverables as stated in the South African Council for the Project and Construction Management Professions, Board Notice 167 of 2019 Government Gazette No. 42697 of 13 September 2019 pertaining to the Construction Health and Safety Profession.

11.5. Land Surveyor

The Lead Consultant shall confirm the detailed scope of work that will be required from the Land Surveyor, including any topographical survey reports required. The Land Surveyor shall be procured by the Lead Consultant post award of this contract and shall be paid through the Lead Consultant as a disbursement. The Lead Consultant shall be required to source 3 quotations from Professional Land Surveyors in the area with the lowest quotation being accepted. No additional fees shall be due to the Lead Consultant in respect of this service.

11.6. Geotechnical Engineer/Technologists

The Lead Consultant shall confirm the detailed scope of work that will be required from Geotechnical Engineer/Technologist. The Geotechnical Engineer/Technologist shall be procured by the Lead Consultant post award of this contract and shall be paid through the Lead Consultant as a disbursement. The Lead Consultant shall be required to source 3 quotations from Professional Geotechnical Engineers/Technologists in the area with the lowest quotation being accepted. No additional fees shall be due to the Lead Consultant in respect of this service.

11.7. IT Specialist

The Lead Consultant shall confirm the detailed scope of work that will be required from the IT

Specialist. The IT Specialist shall be procured by the Lead Consultant post award of this contract and shall be paid through the Lead Consultant as a disbursement. The Lead Consultant shall be required to source 3 quotations from IT Specialists in the area with the lowest quotation being accepted. No additional fees shall be due to the Lead Consultant in respect of this service.

12. Additional items on Services required from Team of Professional Service Providers (PSP):

12.1. Extensive consultation is to take place over all construction stages which will include (but is not exclusive) consultation with:

- The Facilities
- DOH Districts
- DOH Head Office
- DOH CDC
- National DOH
- Local authority
- Other Authorities
- Statutory bodies
- Other Departments

12.2. All consultants will be required to present end of stage deliverables for review and recommendations to the Health Infrastructure Approval Committee according to FIDPM and KZN DOH policies.

12.3. All additional required presentations to be done as may be required

12.4. All approvals to be acquired as may be required

13. Planning and Programming

The Employer is desirous that the project follow the timelines shown below. However, should the bidder feel that these timelines are not achievable then the Bidder must submit a motivation as to why it considers them not achievable and must propose alternative timelines for the Employer's consideration and approval.

PSP Deliverables according to FIDPM stages of work	Duration to produce deliverables from each stage
Stage 2: Concept & Viability Report	2 months
Stage 3: Design Development Report (stage 3 to be submitted with stage 4)	4 months
Stage 4: Documentation & Procurement	4 months
Stage 5: Works (6 months per 4 facilities)	18 months
Stage 6: Handover	3 months
Stage 7: Project Close Out (up to the end of retention period)	12 months

The Lead Consultant is required to submit for approval a formal programme listing activities, level of

detail, critical path activities and their dependencies, frequency of updating key dates, particulars of phased completion, programme constraints, milestone dates for completion, etc. including the activities to be carried out by the Employer or by others. The programme should factor in the receipt and subsequent approval (by Head of Health or designated relevant authority) of all deliverables as stipulated under the relevant Construction Work Stage (Work Stages 2, 3, 4 and 6) of the relevant gazettes as stated in point 9 above and corresponding FIDPM Stages (2 to 7).

14. Software Application for documents

- Programming software shall be the latest version of MS Projects
- Drawing programme software will be the latest version/s of Autodesk AutoCAD and/or Revit
- Quantity surveying software will be the latest version of WinQS
- General software will be MS Office based software and Adobe Acrobat

All documentation that is to be sent to the Client should be in both the required software package file type, as well as in a readable PDF format.

15. Use of Reasonable Skill and Care

The Lead consultant and individual team members are to consist of one or more Registered Professionals as per the relevant Councils. They are required to perform the required service with reasonable skill, care and diligence.

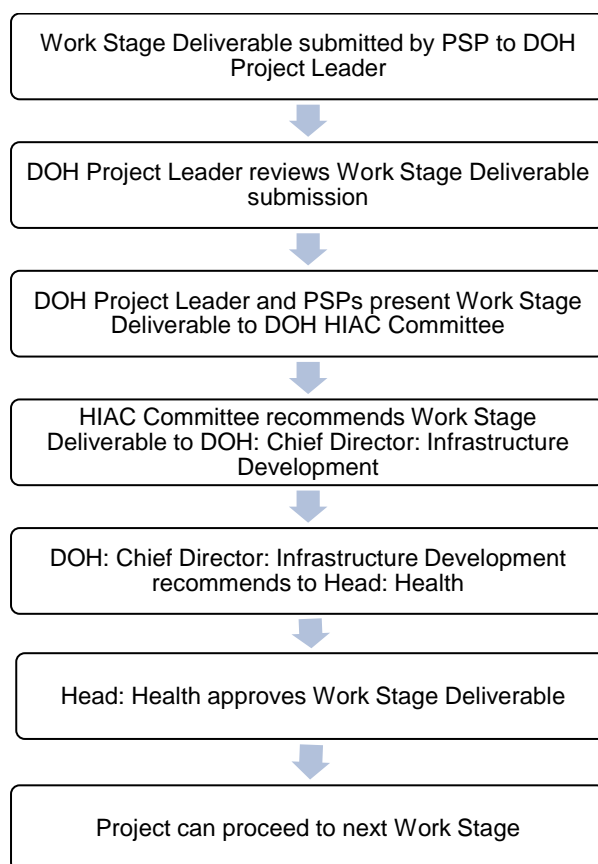
16. Co-operation with Other Service Providers and Affected Parties

The Lead Consultant is required to identify other service providers and affected parties on the project and establish how interactions are to take place.

17. Copyright

Copyright of all documents provided by the Consultant team will vest with the KwaZulu-Natal Department of Health.

18. General Approval Process per Work Stage



19. Access to Land / Buildings / Sites

Arrangements for access to land / buildings / sites and any restrictions thereto shall be the responsibility of the Employer. However, the Lead Consultant shall be aware of such arrangements and advise the Employer's Project Manager timeously to prevent any delays that may arise due to restricted access.

20. Quality Management

Prior to award, the Bidder shall submit their proposed quality assurance plan and control procedures to fulfil their duties as stipulated in the relevant clauses of the appropriate discipline's Guideline Scope of Services. Should the quality assurance plan not be comprehensive enough and is not of the required standard from the Client, upon numerous iterations, the Client is entitled to withdraw the award to the Bidder.

21. Format of Communications

These will be made available to the Lead Consultant on award of tender.

22. Key Personnel

Changes to key personnel shall only be effected once authorisation has been obtained from the Employer.

23. Management Meetings and Site Supervision

Project Management meetings to monitor project progress will take place every 14 calendar days.

24. Forms for Contract Administration

Standard forms of contract administration purposes will be made available to the successful bidder upon award.

25. Daily Records

Daily time sheets of all personnel on the project shall be kept by the Lead Consultant and will be made available as and when required to the Employer. Time sheets are to clearly state work performed.

26. Fee Claims and Apportionment of Fees

Receipt and subsequent approval (by Head of Health or designated relevant authority) of all deliverables as stipulated under the relevant Construction Work Stage (Work Stages 2, 3, 4 and 6) of the relevant gazettes as stated in point 11 above and corresponding FIDPM Stages (2 to 7), is a prerequisite for payment of said stage. Only Construction Work Stage 5 will receive interim payments on a quarterly basis based on the proportion of the value of construction work completed at the time of invoice.

Payment of disbursements is based on a proven cost basis only in accordance with the National Department of Public Works, Rates for Reimbursable Expenses. Further clauses relating to the claiming and payment of fees and disbursements are stated in under point 29 and C2. PRICING DATA.

Should deliverables as referenced under the Scope of Services (Section G, Item 9) not be required, fees will be adjusted downwards to align with the reduced scope of work.

Payment of fees shall be apportioned to Construction Work Stages (Stages 2-6) in accordance with the tables below:

Architecture (Principal Consultant and Principal Agent)

Stage 2	15%
Stage 3	20%
Stage 4	30%
Stage 5	27%
Stage 6	8%

Quantity Surveying

Stage 2	5%
Stage 3	7.5%
Stage 4	35%
Stage 5	45%
Stage 6	7.5%

Electrical Engineering

Stage 2	15%
Stage 3	20%
Stage 4	20%
Stage 5	35%
Stage 6	10%

Mechanical Engineering

Stage 2	15%
Stage 3	20%
Stage 4	20%
Stage 5	35%
Stage 6	10%

Civil Engineering

Stage 2	25%
Stage 3	25%
Stage 4	15%
Stage 5	25%
Stage 6	10%

Structural Engineering

Stage 2	20%
Stage 3	30%
Stage 4	15%
Stage 5	25%
Stage 6	10%

Construction Health and Safety

Stage 2	25%
Stage 3	25%
Stage 4	15%
Stage 5	25%
Stage 6	10%

27. Use of Documents by the Employer

Critical information, which will track the progress of the project, will be recorded and updated by the Lead Consultant on a monthly basis. These will be presented to the Employer as required by the Lead Consultant and other relevant professionals and may include but not be limited to the following documents:

- Progress reports
- Financial control methodology - cost reports and cash flows
- Risk registers including full risk assessments and mitigating action
- Issue registers including full analysis and action plans
- Project programmes

28. Mentorship of Employers Trainees / Interns

From time to time, the Employer may second trainees / interns to the Consultant/s. The Consultant/s shall provide structured mentorship and exposure to seconded trainees / interns. A training / activity schedule shall be prepared for each trainee / intern for the duration of his or her stay on the project. The schedule shall have clear targets and objectives, which will be measured at the end of the training period. The Consultant/s shall allocate a mentor for each trainee / intern who will be responsible for the learning outcomes for the period of secondment.

The mentorship and training falls beyond the Consultant/s obligations in terms of criteria under Section G – Specifications.

A separate training and mentorship agreement will be concluded with the Consultant/s at the time of placing trainees / interns.

29. Project Construction Cost

The estimated project works value is R 14 720 000.00 (Fourteen Million, Seven Hundred and Twenty Thousand Rand excluding VAT). The estimated project works value is an estimate and not the final value. The tendered PERCENTAGE will be based on the actual project works value upon project completion.

30. Cost and pricing of the project

Professional Fees for the team shall be tendered as a **PERCENTAGE** based on the value of the construction works. The percentage shall then be apportioned by percentage amongst the various professional disciplines. The percentage shall remain fixed for the entire project however the apportionment amongst the various disciplines may change should it be required. Changes to the apportionment are to be agreed by the Professional Team and the Employer is to be duly informed in writing by an official letter from the Principal Consultant, prior to any further payments. Disputes relating to the apportionment of total fees are to be resolved by the Professional Team.

The tendered percentage is to include for any and all surcharges applicable to the project for all professionals and **THE TENDERED PERCENTAGE SHALL REMAIN UNCHANGED FOR THE DURATION OF THE PROJECT**. All other adjustment of fees for each professional discipline will be regulated by the relevant Government Gazette (as stated in point 11 above).

31. Project Details

31.1. You are requested to quote for the delivery of Lead Consultant Services, Principal Agent

Services and the appointment of a Multi-disciplinary team, and their total costs, which should as a minimum consist of:

- Architect (Principal Consultant and Principal Agent)
- Quantity Surveyor
- Structural Engineer/Technologist
- Civil Engineer/Technologist
- Electrical Engineer/Technologist
- Mechanical Engineer/Technologist
- Construction Health and Safety Agent
- Land Surveyor (Appointed Post Award)
- Geotechnical Engineer/Technologist (Appointed Post Award)
- IT Specialist (Appointed Post Award)

The relevant Guidelines are as per the following:

Architect	South African Council for the Architectural Profession, Board Notice 122 of 2015, Government Gazette No. 38863, 12 June 2015
Quantity Surveyor	The South African Council for the Quantity Surveying Professions, Board Notice 170 of 2015, Government Gazette No. 39134 of 28 August 2015
Structural, Civil, Electrical and Mechanical Engineers/Technologists	Engineering Council of South Africa, Board Notice 138 of 2015, Government Gazette No. 39480, 04 December 2015
Construction Health and Safety	South African Council for the Project and Construction Management Professions, Board Notice 167 of 2019 Government Gazette No. 42697 of 13 September 2019

- 31.2.** Consultants will be expected to attend all necessary meetings with various stakeholders as reasonably required.
- 31.3.** Consultants will be expected to attend a minimum of two (2) site meetings per month during the construction stage. No full time supervision is required for the project and will not be compensated or remunerated for. The Lead Consultants are required to be on site as frequently as and when required per stage throughout the project.
- 31.4.** Disbursements as published in the monthly National Department of Public Works “Rates for Reimbursable Expenses” shall be used as guideline. Discount can also be offered in this regards, but a maximum rate applicable shall be for vehicles up to 2150 cc.
- 31.5.** Please note that total final fees payable will be calculated on final value of contract for “fee purposes” only or final contract cost estimates for “fee purposes” only - whichever may be applicable at the time.
- 31.6.** You are requested to submit your bid using the FEE BASED QUOTE PROFORMA (Appendix A, Table 1), stamped utilizing your official company stamp and duly signed by the Registered Lead Professional who will be dedicated to this project and is based at the office address where the project is intended to be awarded.

32. Conditions Of Appointment

- 32.1.** The Entity must have within their employment or display their ability to have access to the professional consultants as listed in paragraph 30.1 above. Multiple Principal consultant and Architectural Services may be subcontracted as suited for the packages. However, Principal consultant and Architectural Services consortiums and joint venture documentation must be included in the bid submission. Bidders are to provide a letter outlining the services to be provided in-house by the bidding entity, all outsourced subcontractors, as well as letters of agreement securing Professional Services for those professional disciplines to be provided by others. Failing to submit all documentation for the consortiums and joint ventures will lead to submission disqualification. Outsourced services agreement letters are to be signed by the bidder and the Principal of the outsourced firm and be on the bidder's official company letterhead. Furthermore, Form A must be completed confirming the firm and Registered Professional assigned to the project for each service. For the completion of the bid, only the Lead Architect firm will fill in their details as the main bidder. This information should also be reflected on Form A.
- 32.2.** Upon project award, Consultants may only amend the list of the required Lead Professionals upon written replacement request to the Client. The replacement request will only be reviewed should the new Lead Professional be at the same level of qualification as the previously supplied name or better.
- 32.3.** Registered Professionals listed as the Lead Professional for each Professional discipline on the project (as per Form A) must play an active and visible role on the project. Lead Professionals must attend a minimum of 70% of all meetings. Failure to comply with this condition will constitute a breach of this contract.
- 32.4.** Consultants must submit all returnable documents as listed on Appendix B herein. Failure to submit all the requested documents will result in the bid not being considered.

33. Evaluation Criteria

The evaluation of bids will be conducted in three (3) phases:

PHASE 1: Responsiveness

- Correctness of bid document
- Compliance with SCM regulations (registration with Central Suppliers Database (CSD), Tax compliance, other prescripts requirements and submission of all documentation and information as per Appendix G)

PHASE 2: Eligibility and Quality/Functionality Evaluation

Eligibility Criteria

In order to be eligible to be awarded this bid, the following criteria MUST be satisfied:

- The professional multi-disciplinary team must consist of:
 - Professional Registered Architect (Lead Consultant/Principal Agent)
 - Professional Registered Quantity Surveyor
 - Professional Registered Structural Engineer/Technologist
 - Professional Registered Civil Engineer/Technologist
 - Professional Registered Electrical Engineer/Technologist

- Professional Registered Mechanical Engineer/Technologist
- Professional Registered Construction Health and Safety Agent

All Professionals are to be registered with the applicable South African regulating body/council for their Professional discipline. All Professional Leads must be Registered Professionals or Registered Professional Technologists. All Registered Professionals must be in good-standing with their respective council and their membership must be valid. ALL PROFESSIONAL LEADS MUST HAVE A MINIMUM OF 3 YEARS POST PROFESSIONAL REGISTRATION EXPERIENCE. THE PROFESSIONAL LEAD FOR CONSTRUCTION HEALTH AND SAFETY AGENT MUST HAVE A MINIMUM OF 1 YEAR POST PROFESSIONAL REGISTRATION EXPERIENCE.

Proof of Registration for each discipline shall be attached under the appropriate cover page provided under Appendix H. Failure to attach the valid Proof of Registrations in the provided designated sections will render the bid non-responsive and result in the bid being excluded from further consideration.

- Proof of all the relevant valid Professional Indemnity Insurance must be provided as per the list below:
 - Civil, Structural Engineering: R 4,0 million
 - Electrical/Mechanical: R 1,0 million
 - Architectural: R 4,0 million
 - Quantity Surveyor: R 2,0 million
 - Health and Safety: R 1,0 million
 - Other: R 1,0 million

Proof of valid Professional Indemnity Insurance for each discipline shall be attached under the appropriate cover page provided under Appendix H. Failure to attach the valid Proof of Professional Indemnity Insurance in the provided designated sections will render the bid non-responsive and result in the bid being excluded from further consideration.

Professional Indemnity Insurance for all Professionals is to remain valid and in force for the full duration of the project and for the minimum amounts stated above. Failure to provide proof of valid and compliant Professional Indemnity Insurance Policies for all consultants, at any stage during the project when requested, will result in termination of services and damages claimable.

1. Eligible Y/N: _____
 2. Functionality points: _____/100
 2.1 Above 60% threshold Y/N: _____
 3. Bid value: _____

All eligibility criteria returnables should be tabbed, labelled and included in the designated areas as per the instructions below.

Eligibility criteria	Eligible value	Documentation to be provided	FOR EVALUATION COMMITTEE USE ONLY	
			Eligibility Criteria Met (Yes/No)	Comments
<p>1. The professional multi-disciplinary team must consist of:</p> <ul style="list-style-type: none"> Registered Professional Architect (Select one (1) Lead Consultant/Principal Agent as the main bidder) Registered Professional Quantity Surveyor Registered Professional Structural Engineer/Technologist Registered Professional Civil Engineer/Technologist Registered Professional Electrical Engineer/Technologist Registered Professional Mechanical Engineer/Technologist with a minimum of 3 years post professional registration experience. Registered Professional Construction Health and Safety Agent with a minimum of 1 year post professional registration experience. 	<p>Arch:___ yrs</p> <p>QS:___ yrs</p> <p>Stru: ___ yrs</p> <p>Civ: ___ yrs</p> <p>Ele: ___ yrs</p> <p>Mech: ___ yrs</p> <p>OHS:___ yrs</p>	<p>TAB LABEL: G-1</p> <p>Valid Proof of Registration (registered with the applicable South African regulating body/council for their Professional discipline) for each Professional Lead Member per discipline shall be attached under the appropriate cover page provided under Appendix H.</p> <p>Completed Form A (Appendix E)</p>		
<p>2. Proof of all the relevant valid Professional Indemnity Insurance must be provided as per the list below:</p> <ul style="list-style-type: none"> Architectural: R 4,0 million Civil, Structural Engineering: R 4,0 million Electrical/Mechanical: R 1,0 million Quantity Surveyor: R 2,0 million Health and Safety: R 1,0 million Other: R 1,0 million 	<p>Arch:_mil</p> <p>Civ/Str: __mil</p> <p>Ele/Me: __mil</p> <p>QS: ___ mil</p> <p>OHS: ___ mi</p> <p>Included Y/N</p>	<p>TAB LABEL: G-2</p> <p>Proof of valid Professional Indemnity Insurance for each discipline complying with the minimum amounts stated shall be attached under the appropriate cover page provided under Appendix H</p>		

Quality/Functionality Criteria

Each bid is required to meet the minimum qualifying evaluation score of **60%** as per criteria below. All functionality/quality returnables should be tabbed, labelled and included in the designated areas as per the instructions below.

Evaluation criteria	Documentation to be provided	Points allocated
1. Bidder to demonstrate Technical Competency and relevant Experience relating to General building and/or civil works with a value of over R7 million in the past 7 years per discipline (7 disciplines i.e. Architectural, Quantity Surveying, Electrical Engineering, Mechanical Engineering, Civil Engineering, Structural Engineering, Construction Health and Safety)	<p>TAB LABEL: H-1</p> <p>1.1 Bidder to complete one (1) Curriculum Vitae (CV) for the allocated Lead Professionals per discipline. The required CVs may be from different firms, one firm allocated per one or more discipline. The following conditions must be met to receive points in this category:</p> <p>1.1.1. CVs must be filled and submitted on the provided template and inserted under the provided cover pages as Appendix I. Please refer to Appendix F for the CV template. Documents requested in 1.1.4. are compulsory and are to be inserted under the provided cover pages as Appendix I.</p> <p>1.1.2. CVs to be provided for the Lead Professionals per discipline for a MINIMUM total of 7 CVs. Each Lead Professional's experience must align to their allocated discipline.</p> <p>1.1.3. CVs provided must align with the information submitted in Form A (Appendix E).</p> <p>1.1.4. Completion certificates per project must be provided to obtain points for both Lead Professionals per discipline for their past project experience (Maximum 3 projects and relevant to the Lead Professional per discipline and must align with project experience stated on the CV). Their past experience is not required to be from their current bidding Lead Professional firms. Past projects may be referenced from the Lead Professional's former employer(s).</p> <p>1.2. Contractor award letters OR signed final account summaries OR signed reference letters from the client; clearly stating the project value MUST be provided to prove value of projects (Maximum 3 projects and relevant to the Lead Professional per discipline and must align with project experience stated on CV). Documents requested in 1.2. are compulsory and are to be inserted under the provided cover pages as Appendix I.</p> <p>Only the first 3 stated past projects per professional CV will be evaluated as per the CV template Failure to meet the requirements of points 1.1.1 to 1.1.3 above will result in 0 points being awarded per CV submitted.</p> <p><u>Allocation of points will be as follows:</u></p> <p>- 3 points will be awarded per completed compliant CV and completion certificates per discipline for each Lead Professional.</p>	<p>63 points</p> <p><u>a. Complete CVs:</u></p> <p>Arch:___/3</p> <p>QS: ___/3</p> <p>Elec:___/3</p> <p>Mech:___/3</p> <p>Civil:___/3</p> <p>Struc:___/3</p> <p>OHS:___/3</p> <p>a. Sub-total: = ___ / 21 points for CVS</p> <p><u>b. Project Exp. (6 pts/project):</u></p> <p>Arch: ___+___+___ =___/18</p> <p>QS: ___+___+___ =___/18</p> <p>Ele: ___+___+___ =___/18</p> <p>Mech: ___+___+___ =___/18</p>

Evaluation criteria	Documentation to be provided	Points allocated
	<p>- 0 points will be awarded for incomplete or no CV and completion certificates submitted on the required template and project experience that does not meet the above experience submission criteria.</p> <p>AND</p> <p>- 6 points will be awarded per past project that is of a general building nature, is greater than R7 million in value and has been completed in the past 7 years, provided proof of value is submitted.</p> <p>- 3 points will be awarded per past project that is of a General Building Works and is between R5 million and R7 million in value and has been completed in the past 7 years, provided proof of value is submitted.</p> <p>- 1 point will be awarded per past project that is of a General Building Works nature, is less than R5 million in value and has been completed in the past 7 years, provided proof of value is submitted.</p> <p>- 0 points will be awarded for incomplete or no past project experience documentation submitted and projects that do not meet the above experience submission criteria.</p>	<p>Civil: $__ + __ + __$ $= __ / 18$</p> <p>Structural: $__ + __ + __$ $= __ / 18$</p> <p>OHS: $__ + __ + __$ $= __ / 18$</p> <p>b. Sub-total: $= __ \div 3$ $= __ / 42$ points for project exp.</p> <p>TOTAL: $__ / 21 + __ / 42$ $=$ $__ / 63$ points for CVs and project exp.</p>
2. Organogram of Resources Proposed for the Project per Professional Discipline	<p>TAB LABEL: H-2</p> <p>2. One team organogram displaying the Architect (Principal Consultant) and the Lead Professionals per discipline that falls under the Principal Consultant as part of the Multi-disciplinary team. In addition, an organogram per discipline that sets out the roles of each proposed team member and states the name and Professional Registration Number of the Lead Professional for the Project (Information provided for the Lead Professional member must align with Form A) must be provided. The following conditions must be met to receive points in this category:</p> <p>2.1. One overall team organogram to be provided</p> <p>2.2. Seven individual organograms, illustrating the organisation structure for all teams must be provided, 1 for each Professional Discipline i.e. Architectural, Quantity Surveying, Electrical Engineering, Mechanical Engineering, Civil Engineering, Structural Engineering, Construction Health and Safety.</p> <p>2.3. Organograms must be inserted under the provided cover page</p>	<p>37 points</p> <p><u>c. Team Organogram:</u></p> <p>c. Sub-total: $= __ / 9$ points for team org</p> <p><u>d. Discipline organograms:</u></p> <p>Arch: $__ / 4$ QS: $__ / 4$ Elec: $__ / 4$ Mech: $__ / 4$ Civil: $__ / 4$ Struct: $__ / 4$ OHS: $__ / 4$</p>

Evaluation criteria	Documentation to be provided	Points allocated
	<p>as Appendix I</p> <p><u>Allocation of points will be as follows:</u></p> <ul style="list-style-type: none"> - 9 points will be awarded for the submission of a team organogram detailing the Architect (Principal Consultant) and all other Lead Professionals per discipline. - 0 points will be awarded for no submission and irrelevant submissions. <p><u>AND</u></p> <ul style="list-style-type: none"> - 4 points will be awarded per organogram per discipline for fully completed organograms that comply fully with the above instructions. - 2 points will be awarded per organogram per discipline for organograms that partially comply with the above instructions. - 0 points will be awarded for no submission and irrelevant submissions. 	<p>d. Sub-total:</p> <p>= ____ / 28 points for discipline organograms</p> <p>TOTAL: ____/9 + ____/28 = ____/37 points team organogram and discipline organograms</p>

PHASE 3: Price

- Tendered Price
- Evaluation using the Point System

The following special conditions are applicable to the evaluation of this tender:

- The Department reserves the right not to award to the lowest bidder.
- The Department will conduct a detailed risk assessment prior to the award.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (BBBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

34. General conditions

34.1. The following preference point system are applicable to this bids:

The 80/20 preference point system will be applicable to this tender

34.2. Points for this bid shall be awarded for:

- Price; and
- B-BBEE Status Level of Contributor.

34.3. The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

34.4. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

34.5. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

35. Definitions

“B-BBEE” means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;

“B-BBEE status level of contributor” means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;

“bid” means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price bids, advertised competitive bidding processes or proposals;

“Broad-Based Black Economic Empowerment Act” means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

“EME” means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

“functionality” means the ability of a bidder to provide goods or services in accordance with specifications as set out in the tender documents.

“prices” includes all applicable taxes less all unconditional discounts;

“proof of B-BBEE status level of contributor” means:

- B-BBEE Status level certificate issued by an authorized body or person;
- A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
- Any other requirement prescribed in terms of the B-BBEE Act;

“QSE” means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

“rand value” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

36. Points awarded for price

The 100 Preference Point System

A maximum of 80 points is allocated for price on the following basis:
80/20

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s	=	Points scored for price of bid under consideration
P_t	=	Price of bid under consideration
P_{\min}	=	Price of lowest acceptable bid

37. Points Awarded for BBBEE Status Level of Contributor

In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the BBBEE status level of contribution in accordance with the table below:

BBBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

Bid Declaration

Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

BBBEE Status Level Of Contributor Claimed:

BBEE Status Level of Contributor: _____ = _____ (maximum of 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

38. Sub-Contracting

Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

38.1.1. If yes, indicate:

- i. What percentage of the contract will be subcontracted %

- ii. The name of the sub-contractor

- iii. The B-BBEE status level of the sub-contractor

iv. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES		NO	
-----	--	----	--

v. Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations 2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

39. Declaration with regard to Company/Firm

39.1. Name of company/firm:

39.2. VAT registration number:

39.3. Company registration number:

39.4. Type of Company/ Firm

(Tick applicable box)

<input type="checkbox"/>	One-person business/sole propriety
<input type="checkbox"/>	Company
<input type="checkbox"/>	Partnership/Joint Venture / Consortium
<input type="checkbox"/>	Close corporation
<input type="checkbox"/>	(Pty) Limited

39.5. Describe principal business activities

39.6. Company classification

(Tick applicable box)

<input type="checkbox"/>	Manufacturer
<input type="checkbox"/>	Supplier
<input type="checkbox"/>	Professional service provider
<input type="checkbox"/>	Other service providers, e.g. transporter, etc.

39.7. Total number of years the company/firm has been in business:

I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I/we acknowledge that:

- i. The information furnished is true and correct;
- ii. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii. In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv. If B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or

any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- disqualify the person from the bidding process;
- recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
- forward the matter for criminal prosecution.

Signature/s of Bidder/s
Date
Address:

Signature/s of Witnesses
Witness 1:
Witness 2:

SECTION H

OFFICIAL BRIEFING SESSION / SITE INSPECTION CERTIFICATE

Bid No:	ZNB 5673/2022-H
Service:	APPOINTMENT OF A MULTI-DISCIPLINARY PROFESSIONAL TEAM FOR 12 MALARIA SPRAY CAMPS UPGRADES AND ADDITIONS IN UMKHANYAKUDE DISTRICT
Date:	13 July 2022
Time:	10:00
Venue:	Malaria Control Programme Offices, Jozini, 3969

This is to certify that

.....
(name)

On behalf of

.....
Visited and inspected the site on

.....
(date)

And is therefore familiar with the circumstances and the scope of the service to be rendered.

Signature/s of Bidder/s	Departmental Representative
(Print Name)	(Print Name)
	Departmental Stamp (Optional)
Date:	Date:

SECTION I

TAX COMPLIANCE STATUS (TCS)

1. The State / Province may not award a contract resulting from the invitation of bids to a bidder who is not properly registered and up to date with tax payments or, has not made satisfactory arrangements with SA Revenue Services concerning due tax payments.
2. The South African Revenue Services (SARS) has phased out the issuing of paper Tax Clearance Certificates. From 18 April 2016, SARS introduced an enhanced Tax Compliance system. The new system allows taxpayers to obtain a Tax Compliance Status (TCS) PIN, which can be utilized by authorized third parties to verify taxpayers' compliance status on line via SARS e-filing.
3. Bidders are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also available to foreign bidders / individuals who wish to submit bids.
4. SARS will then furnish the bidder with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval.
5. In bids where Consortia / Joint Venture / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.
6. Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website www.sars.gov.za.
7. Tax Clearance Certificates may be printed via e-filing. In order to use this provision, taxpayers will need to register with SARS as an e-Filer through the website www.sars.gov.za.
8. Tax Compliance Status is not required for services below R 30 000.00 ITO Practice Note Number: SCM 13 of 2007.
9. Kindly either provide an original tax clearance certificate, your tax number or pin number.

TAX NUMBER:

PIN NUMBER:

SECTION J

AUTHORITY TO SIGN A BID

A Companies

If a Bidder is a company, a certified copy of the resolution by the board of directors, personally signed by the chairperson of the board, authorising the person who signs this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the company must be submitted with this bid, that is before the closing time and date of the bid

Authority by Board of Directors

By resolution passed by the Board of Directors on

.....
(date)

.....
(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

.....
(Name of Company)

In his/her capacity as:

.....
Signed on behalf of Company:

.....
(print name)

.....
Signature of signatory:

.....
Date:

Witnesses:

1.

2.

B Sole proprietor (one - person business)

I, the undersigned

.....
(name)

Hereby confirm that I am the sole owner of the business trading as

.....
(name)

.....
Signature of signatory:

.....
Date

C Partnership

The following particulars in respect of every partner must be furnished and signed by every partner:

Full name of partner	Residential address	Signature

We, the undersigned partners in the business trading as

.....
(name)

hereby authorized

.....
(name)

to sign this bid as well as any contract resulting from the bid and any other documents and correspondence in connection with this bid and /or contract on behalf of:

.....
(print name)

.....
Signature of signatory:

.....
Date:

.....
(print name)

.....
Signature of signatory:

.....
Date:

.....
(print name)

.....
Signature of signatory:

.....
Date:

D Close Corporation

In the case of a Close Corporation submitting a bid, a certified copy of the Founding Statement of such corporation shall be included with the bid, together with the resolution by its members authorising a member or other official of the corporation to sign the documents on their behalf.

Authority to sign on behalf of the Close Corporation

By resolution of members at a meeting on

(date)

(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

(Name of Closed Corporation)

In his/her capacity as:

Signed on behalf of Closed Corporation:

(print name)

Signature of signatory:

Date:

Witnesses:

1.

2.

E Co-Operative

A certified copy of the Constitution of the Co-operative must be included with the bid, together with the resolution by its members authoring a member or other official of the co-operative to sign the bid documents on their behalf.

Authority to sign on behalf of the Co-Operative

By resolution of members at a meeting on

(date)

(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

(Name of Co-Operative)

In his/her capacity as:

Signed on behalf of Co-Operative:

(print name)

Signature of signatory:

Date:

Witnesses:

1.

2.

F Joint Venture

If a bidder is a joint venture, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of the enterprises, authorising the representatives who sign this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the joint venture must be submitted with this bid, before the closing time and date of the bid.

Authority to sign on behalf of the Joint Venture

By resolution/agreement passed/reached by the Joint Venture partners on

.....
(date)

.....
(name and whose signature appears below)

.....
(name and whose signature appears below)

.....
(name and whose signature appears below)

.....
(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

.....
(Name of Joint Venture)

In his/her capacity as:

.....
Signed on behalf of Joint Venture:

.....
(print name)

.....
Signature of signatory:

.....
Date:

(print name)

Signature of signatory:

Date:

(print name)

Signature of signatory:

Date:

(print name)

Signature of signatory:

Date:

G Consortium

If a bidder is a Consortium, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of concerned enterprises, authorising the representatives who sign this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the consortium must be submitted with this bid, before the closing time and date of the bid.

Authority to sign on behalf of the Consortium

By resolution of the members on

.....
(date)

.....
(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

.....
(Name of Consortium)

In his/her capacity as:

.....
Signed on behalf of Consortium:

.....
(print name)

.....
Signature of signatory:

.....
Date:

.....
(print name)

.....
Signature of signatory:

.....
Date:

(print name)

Signature of signatory:

Date:

APPENDICES

APPENDIX A - BID PROFORMA

(To be completed by the Lead Consultant)

General Notes -

- Bidders are requested to complete Table 1 and Table 2 of Appendix A. The total fees from Table 1 must be carried to the form of offer.
- Preference Points and Total Percentage offered take precedence over any additional detailed fee calculations submitted, where there is any ambiguity
- Bidders are to tender a total percentage (to 2 decimal places) for the entire team based on the value of work for fees estimate. This percentage will remain fixed throughout the project and is deemed to include for any surcharges due to alterations works and for Principal Consultant and Principal Agent Fees.
- Disbursements shall be allowed for as stipulated in Table 1 but shall be claimed and paid on a PROVEN COST BASIS ONLY. The Land Surveyor, Geotechnical Engineer/Technologist and IT Specialist costs will be paid from the disbursement allowance. Disbursement rates as published in the monthly National Department of Public Works "Rates for Reimbursable Expenses" shall be used for claiming.
- The estimated Value of Work for Fees is an estimate and not the final value. The tendered PERCENTAGE will be based on the actual project works value determined upon project completion.
- Table below is NOT to be modified by Tenderer

TABLE 1

Value of Work for Fees	R 14 720 000.00
Total Tendered Fee Percentage for Team (to 2 decimal places)	%
Total Fees for Team	
ADD Allowance for Disbursements	R 1 896 000.00
Sub-Total 1	
ADD VAT at 15%	
GRAND TOTAL (to be carried to the Form of Offer and Acceptance)	R

COMPANY STAMP:

DATE:

TABLE 2 – APPORTIONMENT OF FEES

Principal Consultant / Principal Agent / Architect	%
Quantity Surveyor	%
Civil Engineer/Technologist	%
Structural Engineer/Technologist	%
Electrical Engineer/Technologist	%
Mechanical Engineer/Technologist	%
Construction Health and Safety	%
TOTAL TENDERED FEE PERCENTAGE FOR TEAM (to 2 decimal places)	%

COMPANY STAMP:

DATE:

APPENDIX B – RETURNABLE DOCUMENTS

CHECKLIST OF RETURNABLE DOCUMENTS			
Item No.	Required Documents	Tick	
		Yes	No
Please ensure the following items are fully completed and complied with:			
1.	Bid from the Consultant (Attach Appendix A – Stamped and dated)		
2.	Central Supplier Database Registration with National Treasury (Unique Reference Number & Supplier Number)		
3.	Declaration that information on central supplier database is correct and up to date		
4.	Declaration of interest by Consultant – SBD 4		
5.	Official Briefing Session / Site Inspection Certificate *		
6.	Valid SARS Tax Clearance Pin Number, Tax number or original tax Clearance certificate (Tax clearance certificate to be included under Appendix G)		
7.	Authority To Sign A Bid		
The following documents are to be submitted under Appendix: G			
8.	Proof of Registration with Companies and Intellectual Property Commission (CIPC)		
9.	Original certified copy of BBBEE Certificate		
10.	Proof of Residential Address (Municipality Rates Bills, Telephone Bill, or current lease agreement letter from Ward councillor or affidavit from Commissioner of oaths, if office is in an area where rates are not paid)		
The following documents are to be submitted under Appendix H under the relevant cover pages:			
11.	Proof of Registration with Council / Professional Body for all Lead Professionals (Attach Letter of Good standing with the relevant council if applicable dated during the year of Bid)		
12.	Proof of the relevant professional Indemnity Insurance – Civil, Structural Engineering: R 4,0 million Electrical/Mechanical Engineering: R 1,0 million Architectural: R 4,0 million Quantity Surveyor: R 2,0 million Health and Safety: R 1,0 million Other: R 1,0 million		
The following documents are to be submitted under Appendix I under the relevant cover pages:			
13.	CVs per Lead Professional including supporting documentation (completion certificates and award letters / signed final accounts / reference letters)		
14.	Organograms for entire team and one for each Professional Discipline Team		

BIDDERS TO NOTE

Submission of the above returnable documents is mandatory. Failure to submit all the requested documents will result in the tender not being considered.

* A letter indicating which discipline's firm attended the brief meeting on behalf of which Lead Architect firm should be appended to the Briefing Session Certificate. The letter should be signed by both the attendee and Lead Architect.

APPENDIX C - CONTRACT DATA

C1. Contract Data

C1.1 Standard Professional Services Contract

The conditions applicable to this Contract are the Standard Professional Services Contract (July 2009) Third Edition of CIDB document 1015, published by the Construction Industry Development Board.

C1.1.1 Data provided by the Employer

Clause	
	<p>The General Conditions of Contract in the Standard Professional Services Contract (July 2009) make several references to the Contract Data for details that apply specifically to this tender. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the General Conditions of Contract.</p> <p>Each item of data given below is cross-referenced to the clause in the General Conditions of Contract to which it mainly applies.</p>
	The Employer is the KZN Department of Health.
3.4 and 4.3.2	The authorised and designated representative of the Employer is the departmental project manager, details of whom are as indicated in the Notice and Invitation to Tender.
1	The Project is for the provision of complete Professional Consultancy (including Lead Consultancy) Services for 12 MALARIA SPRAY CAMPS UPGRADES AND ADDITIONS IN UMKHANYAKUDE DISTRICT
1	The Period of Performance is from inception of this Contract until the Service Provider has completed all Deliverables in accordance with the Scope of Services listed in Section G of the bid document.
1	The Start Date is the date from which this contract is fully signed and accepted by the KZN Department of Health
3.4.1	Communications by facsimile is not permitted.
3.5	The Services shall be executed in the Service Provider's own office and on the Project site as described in Section G. No portion of the work may be performed by a person employed by the State. No portion of the work may be sublet to any other person or persons without the prior written approval of the Employer.
3.6	Omit the following: “... within two (2) years of completion of the Service ...”.
3.12	<p>Period of Performance shall be sub dividable in separate target dates according to the programme to be submitted in terms of SECTION G part 7 hereof.</p> <p>A Penalty amount of R500.00 per day will be applicable per target date, to a maximum equal to R50,000.00, after which the contract may be terminated.</p>
3.15.1	The programme shall be submitted within 14 days of the award of the contract.
3.15.2	The Service Provider shall update the programme at intervals not exceeding 8 weeks.
3.16	Time-based fees are not applicable to this appointment and therefore no adjustments for inflation are applicable.
5.4.1	The Service Provider is required to provide professional indemnity cover as set out in the Professional Indemnity Schedule as per point 12 of Appendix B.

Clause	
5.5	<p>The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions:</p> <ul style="list-style-type: none"> a) Deviate from the programme (delayed or earlier); b) Deviate from or change the Scope of Services; c) Change Key Personnel on the Service.
8.1	The Service Provider is to commence the performance of the Services immediately after the Contract becomes effective and execution to be as per the programme.
8.4.3 (c)	The period of suspension under clause 8.5 is not to exceed two (2) years.
9.1	Copyright of documents prepared for the Project shall be vested with the Employer.
12.1.	Interim settlement of disputes is to be by mediation.
12.2. / 12.3.	Final settlement is by litigation.
12.2.1	In the event that the Parties fail to agree on a mediator, the mediator is to be nominated by the president of the Association of Arbitrators (Southern Africa).
13.1.3	All partners in a joint venture or consortium shall carry the same professional indemnity insurance as per clause 5.4.1 of the General Conditions of Contract.
13.5.1	The amount of compensation is unlimited.
13.6	The provisions of 13.6 do not apply to the Contract.
15	In respect of any amount owed by the Service Provider to the Employer, the Service Provider shall pay the Employer interest at the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999).

C1.2.3 Data provided by the Service Provider

Clause	
	Each item of data given below is cross-referenced to the clause in the General Conditions of Contract to which it mainly applies.
1	The Service Provider is the company, close corporation, natural person, consortium, joint venture or partnership named in Form of Offer and Acceptance by the tendering Service Provider.
5.3	The authorised and designated representative of the Service Provider is the Lead Consultant / Professional Architect named on the Project by the Service Provider
5.4.1	<p>Indemnification of the Employer</p> <p>I, the undersigned, being duly authorized by the Service Provider, in terms of the completed resolution</p> <p>_____</p> <p>(Name of authorized person)</p> <p>hereby confirm that the Service Provider known as:</p> <p>_____</p> <p>(Legal name of entity tendering herein)</p>
5.4.1	Tendering on the project:

Clause	
	<p>_____</p> <p>(Name of project as per Form of Offer and Acceptance)</p> <p>holds professional indemnity insurance cover, from an approved insurer, duly registered with the Finance Services Board, of not less than the amount required as cover relative to the size of project, with the first amount payable not exceeding 5% of the value of indemnity. I further confirm that the Service Provider will keep such professional indemnity fully subscribed. I further confirm that should the professional indemnity insurance, with no knowledge of the Employer, be allowed to lapse at any time or in the event of the Service Provider cancelling such professional indemnity insurance, with no knowledge of the Employer, at any time or if such professional indemnity cover is not sufficient, then the Service Provider,</p> <ul style="list-style-type: none"> i. accepts herewith full liability for the due fulfilment of all obligations in respect of this Service; and ii. hereby indemnifies, and undertakes to keep indemnified, the Employer in respect of all actions, proceedings, liability, claims, damages, costs and expenses in relation to and arising out of the agreement and/or from the aforesaid Service Provider's intentional and/or negligent wrongful acts, errors and/or omissions in its performance on this Contract. <p>I confirm that the Service Provider undertakes to keep the Employer indemnified, as indicated above, beyond the Final Completion Certificate/Final Certificate by the Employer (whichever is applicable) for a period of five (5) years after the issue of such applicable certificate.</p> <p>I confirm that the Service Provider renounces the benefit of the <i>exceptionis non causa debiti, non numeratae pecuniae</i> and <i>excussionis</i> or any other exceptions which may be legally raised against the enforceability of this indemnification.</p> <p>Notwithstanding the indemnification required above, the Employer reserves the right to claim damages from the Service Provider for this Project where the Service Provider neglects to discharge its obligations in terms of this agreement.</p> <p>Name: _____</p> <p>Signature: _____</p> <p>Capacity: _____</p>
7.1.2	<p>As an extension of the definitions contained in clause 1 hereof, Key Persons must, for the purposes of this Contract, include one or more of the professionally registered principal(s) of the Service Provider, and/or, one or more professional(s) employed to render professional services, for whom certified copies of certificates or other documentation clearly proving current professional registration with the relevant council, including registration numbers, must be included with the tender as part of the returnable documentation.</p> <p>The Key Persons and their jobs / functions in relation to the Services are:</p>

Clause			
	Name	Principal employed professional(s) and/or	Specific duties
	1.		
	2.		
	3.		
	4.		
	5.		
	6.		
	7.		
	8.		
	9.		
	10.		
7.2	A Personnel Schedule is not required.		
	<p>If the space provided in the table above is not sufficient to describe the specific duties, this space may be utilized for such purpose</p>		

C2: PRICING DATA

C2.1 Pricing Instructions

C2.1.1 Basis of remuneration, method of tendering and estimated fees

C2.1.1.1 Professional fees for the Multi-Disciplinary Services will be paid on Value basis.

The words “value based” and “percentage based” used in connection with fee types in this document or any documents referred to in this document are interchangeable and are deemed to have the same meaning.

C2.1.1.2 Tenderers are to tender:

A value based fee utilizing the stated estimated project construction value multiplied by a fixed tendered percentage which is then apportioned amongst the multi-disciplinary team.

C2.1.1.3 The amount tendered herein (*Section F – Form of Offer and Acceptance*) is for tender purposes only and will be amended according to the application of the actual cost of construction.

C2.1.1.4 Reimbursable rates for typing, printing and duplicating work shall be in accordance with the conditions laid out under section C2.1.5

C2.1.1.5 Disbursements in respect of all travelling expenses for one-direction travel to a facility for distances **over 260 km from the office location related thereto will not be paid for separately except for attending off-site meetings at the request of the employer where only travelling costs (mileage only) shall be claimable in accordance with the rules set out in C2.1.6.3. Please note that no travelling time and subsistence charges are claimable for any trips taken by the Consultants. The costs of travelling time should be accounted for in the tendered percentage**

The site must be visited as often as the works require for the execution of all duties on the Project. The Service Provider must be available at 24 hours' notice to visit the site if so required. All costs in this regard will be deemed to be included in the tendered fees as stated in C2.1.1.1

C2.1.1.6 N/A

C2.1.1.7 All fee accounts need to be signed by a principal of the Service Provider and submitted in original format, failing which the accounts will be returned. Copies, facsimiles, electronic and other versions of fee accounts will not be considered for payment.

C2.1.1.8 For all Services provided on a time basis, time sheets giving full particulars of the work, date of execution and time duration, should be submitted with each fee account.

C2.1.1.9 Payments to the Service Provider will be made electronically according to the banking details furnished by the Service Provider. Any change in such banking details must be communicated to the departmental project manager timeously. Fee accounts, correct in all respects, will be deemed submitted when received by the Employer and settled when electronically processed by the Employer. The Employer reserves the right to dispute the whole account, any item or part of an item at any time and will deal with such case in terms of clause 14.3 of the General Conditions of Contract.

- C2.1.1.10 Accounts for Services rendered may be submitted on the successful completion of each stage of work. Interim accounts will only be considered during the construction stage of the works and then not more frequently than quarterly except if otherwise agreed between the authorised and designated representative of the Service Provider and the Employer. Payment of accounts rendered will be subject to the checking thereof by the departmental project manager. The Employer reserves the right to amend the amounts claimed in order to conform to the rates stipulated in this Contract and make payment on the basis of the balance of the account in accordance with clause 14.3 of the General Conditions of Contract.
- C2.1.2 Value based fees
- C2.1.2.1 Fees for work done under a value based fee shall be calculated according to the tendered percentage for fees for the team and apportioned to construction stages (for each professional discipline) according to the relevant stated tariff of fee guide as stated in *Section G*, of this document.
- C2.1.2.2 Interim payments to the Service Provider
For the purposes of ascertaining the interim payments due, the cost of the works, which shall exclude any provisional allowances made to cover contingencies and escalation, shall be:
- the applicable portion of the net amount of the accepted tender
- C2.1.2.3 Fees for documentation for work covered by a provisional sum
Where a provisional sum is included in the bills of quantities for work to be documented at a later stage, the documentation fee in respect of such work shall be remunerated at the time when the documentation has been completed.
- C2.1.2.4 Time charges for work done under a value based fee (upon approval by Head of Health)
Time charges are reimbursable at rates applicable at the time of the actual execution of the specific service adjustable utilizing the discount for time based fees offered within the tender document. The "Rates for Reimbursable Expenses" as amended from time to time and referred to below, is obtainable on the Website: <http://www.publicworks.gov.za/> under "Documents"; "Consultants Guidelines"; item 1.
- C2.1.2.5 Unless otherwise specifically agreed in writing, remuneration for the time expended by principals in terms of time based fees on a project shall be limited to 5 per cent of the total time expended for time charges in respect of the Project. Any time expended by principals in excess of the 5 per cent limit shall be remunerated at the rates determined in (ii) or (iii) above.
- C2.1.3 Additional Services
- C2.1.3.1 Additional Services pertaining to all Stages of the Project
Unless separately provided for hereunder and scheduled in the Activity Schedule, no separate payment shall be made for the additional services specified in the relevant tariff of fees guide. The cost of providing these services shall be deemed to be included in the value based fee tendered for normal services.
- C2.1.3.2 Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)
No separate payment shall be made. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.
- C2.1.3.3 Quality Assurance System
No separate payment shall be made for the implementation of a quality management system. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

- C2.1.3.4 Lead Consulting Engineer/Technologist
No separate payment shall be made for assuming the leadership of an Employer specified joint venture, consortium or team of consulting Engineer/Technologists. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.
- C2.1.3.5 Principal Agent of the Client
No separate payment shall be made for assuming the role of principle agent. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.
- C2.1.3.6 Environmental Impact Assessment
No separate payment shall be made for the service of conducting a full Environmental Impact Assessment as it is not anticipated to be required for all twelve facilities. The cost of providing this service shall be deemed to be included in the value-based fee tendered for normal services. However, a Basic Environmental Assessment is required from the Consultant and will be remunerated as part of the Consultant fees.
- C2.1.4 Set off
The Employer reserves the right to set off against any amount payable to the Service Provider, any sum which is owing by the Service Provider to the Employer in respect of this or any other project.
- C2.1.5 Typing, printing and duplicating work
- C2.1.5.1 Reimbursable rates
The costs of typing, printing and duplicating work in connection with the documentation which must of necessity be done, except those which must in terms of the relevant Manual or other instructions be provided free of charge, shall be reimbursable at rates applicable at the time of the execution of such work. The document "Rates for Reimbursable Expenses" as amended from time to time and referred to below, is obtainable on the Website: : <http://www.publicworks.gov.za/> under "Documents"; "Consultants Guidelines"; item 1.
- C2.1.5.2 Typing and duplicating
If the Service Provider cannot undertake the work himself, he may have it done by another service provider which specializes in this type of work and he shall be paid the actual costs incurred upon submission of statements and receipts which have been endorsed by him confirming that the tariff is the most economical for the locality concerned subject to the maximum tariffs per A4 sheet as set out in Table 1 in the "Rates for Reimbursable Expenses".
- If the Service Provider undertakes the work himself, he shall be paid in respect of actual expenses incurred subject to the maximum tariffs per A4 sheet as set out in Table 1 in the "Rates for Reimbursable Expenses".
- Typing and duplicating expenses shall only be refunded in respect of the final copies of the following documents namely formal reports, formal soil investigation reports, specifications, feasibility reports, bills of quantities, material lists, minutes of site meetings and final accounts. The cost of printed hard covers shall only be paid in respect of documents which will be made available to the public such as bills of quantities and specifications or where provision of hard covers is specifically approved.
- The typing of correspondence, appendices and covering letters are deemed to be included in the value based fees and time based fees paid.

- C2.1.6 Travelling and subsistence arrangements and tariffs of charges
Notwithstanding the ruling in C2.1.1.5 above (regarding disbursements and travelling expenses which will not be paid separately for one-direction travel to a facility for distances **over 260 km**, when the Service Provider is requested in writing by or obtained prior approval in writing from the Employer to attend specific meetings at any of the Employer's offices or any extraordinary meetings on site or elsewhere, he will be remunerated according to the provisions under C2.1.6.1 to C2.1.6.3 herein.
- C2.1.6.1 General
The most economical mode of transport is to be used taking into account the cost of transport, subsistence and time. Accounts not rendered in accordance herewith may be reduced to an amount determined by the Employer.
- As the tariffs referred to hereunder are adjusted from time to time, accounts must be calculated at the tariff applicable at the time of the expenditure.
- Where journeys and resultant costs are in the Employer's opinion related to a Service Provider's mal- performance or failure, in terms of this Contract, to properly document or co-ordinate the work or to manage the Contract, no claims for such costs will be considered.
- C2.1.6.2 Travelling time
No travelling time shall be paid on this project.
- C2.1.6.3 Travelling costs
Fees for travelling costs are as set out in Table 3 in the "Rates for Reimbursable Expenses".
- Travelling costs will be refunded for trips to the site for distances for one-direction travel to a facility in for distances **under 260 km**. Travelling costs related to trips to cover travel distances above the stipulated distances shall not be claimable and will be deemed to be included in your tendered professional fee. Travel costs will only be considered where the Service Provider has been requested to attend an off-site meeting with the destination being further than 100 km (one way) from the Service Provider's office.
- Compensation for the use of private motor transport will be in accordance with the Government tariff for the relevant engine swept volume, up to a maximum of 2150 cubic centimetres, prescribed from time to time and as set out in Table 3 in the "Rates for Reimbursable Expenses".
- C2.2 Activity Schedule
- C2.2.1 Activities
- C2.2.1.1 For services where the apportionment of fees is not provided for in SECTION G, proportioning of the fee for normal services over the various stages shall be as set out in the relevant Government Gazetted Tariffs.
- C2.2.1.2 The tenderer must make provision for all activities necessary for the execution of the service as set out in the Scope of Services.

APPENDIX D:

PROJECT BRIEF

**SUBMISSION**

DATE: 28 MARCH 2022	FILE NO:
TO: MS M DE GOEDE HIAC CHAIRPERSON DIRECTOR: PLANNING INFRASTRUCTURE DEVELOPMENT	FROM: MR ST MHLONGO DIRECTOR: ENGINEERING AND TECHNICAL SERVICES INFRASTRUCTURE DEVELOPMENT
SUBJECT: REQUEST FOR NOTING AND APPROVAL OF AMENDMENT ON THE APPROVED PROJECT BRIEF FOR 12 MALARIA SPRAY CAMPS IN UMKHANYAKUDE: UPGRADES AND ADDITIONS.	

1. PURPOSE

To make a submission to the Health Infrastructure Approval Committee (HIAC) represented by the Chairperson to note and approve amendments to the initial project brief for the 12 Malaria Spray Camps In Umkhanyakude Health District: Upgrades and Additions.

2. BACKGROUND

In March 2021, the Head of Department approved the withdrawal of certain projects that were non-committed by the Department of Public Works (DoPW). The projects were to now be implemented by the Kwa-Zulu Natal Department of Health Infrastructure Development (KZN DoH).

The project brief was completed and approved by the Head of Department in February 2022 with DoPW initially recommended and selected as the implementing agent. The matter has been discussed with the Director: Engineering and Technical Services of Infrastructure Development and the decision have been made to correct the implementing agent back to KZN DoH. This was due to the fact that the rational to overturn the decision to take the project back to the DoPW could not be substantiated as this would require the endorsement by the Head of Department, if the grounds were sufficient.

3. SCOPE OF WORKS IMPLICATIONS

There are no Scope of Works implications.

4. CONTRACTING AND PROCUREMENT STRATEGY

Based on the amendment of the Implementing Agent from DoPW to KZN DoH, the procurement strategy is to also be amended as seen below.



4.1. Professional Services

The Contracting Arrangements contained in the Infrastructure Programme Management Plan (IPMP) are as follows:

Table 4-1: Contracting Arrangements for Professional Services

Contracting Arrangements for Professional Services					
Professional services needed	Procurement Strategy / Type of Appointment	Standard Tender Evaluation Method	Contracting strategy	Pricing Strategy	Form of Contract
Full service from consulting team	Public Open Tender / Open procedure	Three Phases (Responsiveness, Eligibility and Functionality, and Price and Preference)	Design by Employer	Percentage and Disbursement sums	CIDB Standard Contract for Consultants

For Construction Works

Table 4-2: Strategic Arrangements for works

Delivery Management Strategy for Works			Contracting Arrangements for Works			Procurement Arrangements for Works		
Delivery Mode	Implementer	Estimated Project Control Budget (Million)	Contracting strategy	Pricing strategy	Form of Contract	Procurement Procedure	Estimated Bid/Tender Award Date	Comments / Current Stage
Package	DoH	R21 837 120.00	Design by Employer	BOQ	GCC	Public Open Tender	30/08/2022	Identified

5. MILESTONE IMPLICATIONS

There are no milestone implications.

6. FINANCIAL IMPLICATIONS

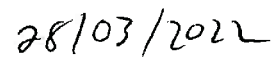
There are no financial implications.

7. RECOMMENDATIONS

It is recommended that the HIAC Chairperson notes the amendments in the approved project brief for construction of 12 Malaria Spray Camps In Umkhanyakude Health District: Upgrades And Additions.

Prepared by:


MS TL NETSHIPALE
CANDIDATE CIVIL ENGINEER


DATE



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

SUPPORTED/ NOT SUPPORTED

COMMENT _____



MR ST MHLONGO

DIRECTOR ENGINEERING AND TECHNICAL SERVICES
DIRECTOR: PLANNING

28/03/2022
DATE

SUPPORTED/ NOT SUPPORTED

COMMENT _____


Ms. M De GOEDE

DIRECTOR: PLANNING

28.03.2022
DATE

**KWAZULU-NATAL PROVINCE****HEALTH**
REPUBLIC OF SOUTH AFRICA**KWAZULU - NATAL**
DEPARTMENT OF HEALTH
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www.kznhealth.gov.za**INFRASTRUCTURE DEVELOPMENT****MAINTENANCE, MINOR WORKS & MINOR ENGINEERING INSTALLATIONS BRIEF**
UPGRADES AND ADDITIONS IN 12 MALARIA CAMPS UNDER UMKHANYAKUDE HEALTH
DISTRICT**Drafted by:** TL NETSHIPALE
PROJECT LEADER**Signed:** **Date:** 16/11/2021**Recommended by:** ST MHLONGO
DIRECTOR: ENGINEERING
AND TECHNICAL SERVICES**Signed:** **Date:** 17/11/2021**Approved by:** MR B G GCABA
CHIEF DIRECTOR:
INFRASTRUCTURE
DEVELOPMENT**Signed:** **Date:** 17/11/2021**Document Control**

Revision Number	Date	Initials

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1 PROJECT DETAILS

1.1 The Facility

The Department of Health Infrastructure Development initiated the upgrades and additions programme for 12 Malaria Camps in Table 1-1 under uMkhanyakude Health District.

Table 1-1: 12 Malaria Camps to be upgraded

No.	Facility Name (Malaria Camp Name)	Landowner
1.	Shemula Camp	Government
2.	Manguzi Camp	Government
3.	Ndumo Camp	Government
4.	Othobothini Camp	Government
5.	Selezi Camp	Government
6.	Mamfene Camp	Government
7.	Makanis Camp	Government
8.	Mseleni Camp	Government
9.	Mbazwana Camp	Government
10.	Mfekayi Camp	Government
11.	Nkodibe Camp	Government
12.	Dukuduku Camp	Government

1.2 The Project / Programme details

Project name:

Upgrades and Additions to 12 Malaria Spray Camps (as tabulated in Table 1-1).

- **KZN-DOH Project Number** : JM2020C
- **Project Code** : 31010469
- **Project Details / Scope** : Upgrades and Additions to Malaria Spray Camps
- **Project Type** : Infrastructure Development - Projects
- **Budget Programme Number** : Programme 8
- **Budget Programme Name** : Health Facilities Management
- **Sub-programme** : Community Health Facilities
- **Infrastructure Programme Name** : Not part of a Programme
- **Nature of Investment** : Rehabilitation, Renovations and Refurbishment
- **Nature of Investment Sub- status** : Renovations
- **IRM Infrastructure Category** : DoH - Renovations
- **IRM Infrastructure Type** : Primary

1.3 Project Team

1.3.1 KZN Department of Health

1.3.2 Infrastructure Development

Project Leader:	TL Netshipale
Architect:	T Katsikoyiannis, Pr Architect
Quantity Surveyor:	S Madonsela, Pr QS
Electrical Engineer:	N/A
Mechanical Engineer:	N/A
Civil/Structural Engineer:	ET Chiro, Pr. Eng.
Occupational Health & Safety:	Ms S Ngcobo
Monitoring & Evaluation:	Ms Z Thwala
Health Technology:	N/A

1.3.2.1 Department of Health – General

Below are the contact details for the district personnel.

Table 1-2: Department of Health – General Contact Details

Name	Designation	Contact Details
Ms. MB Themba	District Director	035 572 1390 / 079 508 9829 makhosazana.themba@kznhealth.gov.za
Mr M Mkhwanazi	District Engineer	035 572 1390 / 073 277 8344 Musa.Mkhwanazi@kznhealth.gov.za

1.3.3 Oversight Team

- **Provincial Champion:** Mr B Gcaba (Chief Director Infrastructure Development)
- **Provincial Power User:** Ms M De Goede (Director: Infrastructure Planning)
- **Project Sponsor:** Mr B Gcaba (Chief Director Infrastructure Development)
- **Project Control Group:** Infrastructure Development
- **Project Approver:** Mr B Gcaba (Chief Director Infrastructure Development)
- **Project Verifier:** Ms M De Goede (Director: Infrastructure Planning)

1.3.4 Stakeholders

Challenge Members include:

- National Department of Health
- Provincial Treasury
- Applicable Municipalities
- Organised Labour
- Local Councillor
- Project Steering Committee
- Special interest groups

1.3.5 Implementing Agent: KZN Department of Health

- Project Coordinator/Leader: Takalani Netshipale
- Implementing Agent Champion: To be appointed
- Project Monitor: Independent Project Manager – To be appointed
- PSP's: To be procured
- Contractor: To be procured

2 PROJECT OVERVIEW

2.1 Project Background

South Africa is situated on the southern edge of the malaria transmission belt in sub-Saharan Africa. Local malaria transmission occurs mainly in the low altitude areas (below 1,000 meters above sea level) of the Limpopo, Mpumalanga, and KwaZulu-Natal provinces, especially in areas bordering Zimbabwe and Mozambique. Malaria transmission mostly occurs in the rainy season between September and May. The *Plasmodium falciparum* parasite accounts for the majority of malaria cases in South Africa and is the predominant species associated with severe and fatal illness.

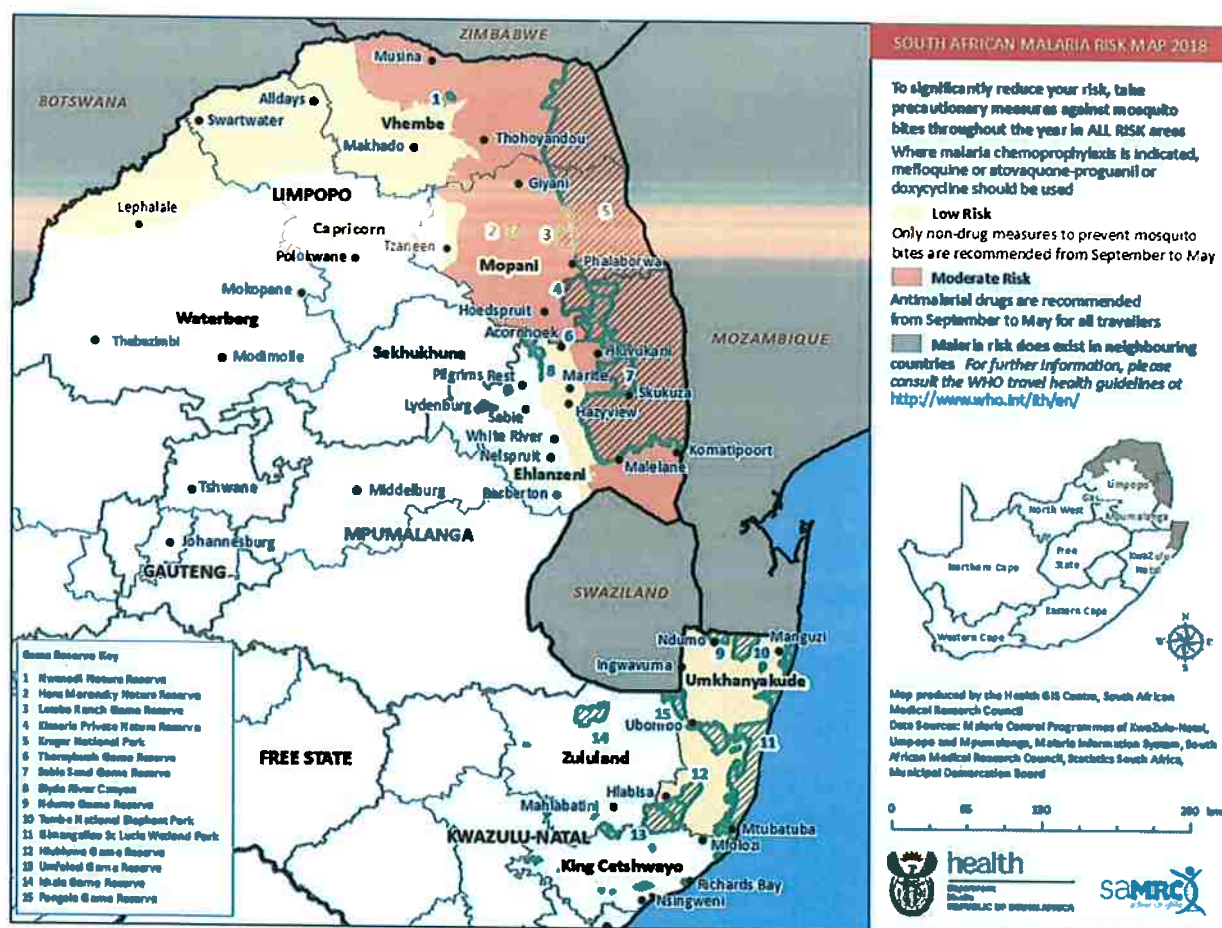


Figure 2-1: Malaria Risk Map for South Africa 2018

Despite limited transmission, malaria remains one of the priority diseases for the NDOH. Since the year 2000, South Africa has seen significant reductions in malaria transmission, and in 2012, the

country set the goal of eliminating the disease by 2023¹ as guided by the National Strategic Plan for Malaria Elimination 2019-2023. The country has made steady progress in spite of periodical seasonal outbreaks, sparked by importation from regional upsurges. Malaria transmission is heterogeneous across South Africa's endemic provinces, and progress towards elimination has been similarly variable.

The malaria endemic districts within the KwaZulu-Natal province is uMkhanyakude and King Cetshwayo, of which uMkhanyakude District heads the Malaria Elimination Programme. In implementing the elimination programme, Malaria Spray camps play a central role in the effective running of the Malaria Control Programmes field operations.

Vector Control including Entomological activities, Indoor Residual Spraying (IRS) training and case investigations rely significantly on having adequate facilities at each Malaria camp. Over the years, the maintenance of the Infrastructure assets for Malaria Camps was managed by uMkhanyakude Health District. However, various Infrastructure and maintenance challenges have hindered service delivery within the Malaria Camps. Despite a number of interventions being deployed, gaps in information flow and understanding continue to create dissatisfaction with the maintenance service received from the District Office.

Further to this and upon investigation of the Malaria camps sites, it was found that the current camp facilities are not conducive to conduct the required work, almost none of which meet the health and safety requirements needed for the work that is carried out.

The Malaria Control Programmes field operations implement the following strategies in implementing the elimination programme:

1. Spraying of Insecticides at community level
2. Surveillance
3. Health Promotion

The operations are headed by two specialised units which focus on the two main aspects of the disease, that being parasitology (the human aspect) and entomology (the study of the Mosquito/ insect). The Infrastructural requirements to conduct such works are specific for each unit and must be considered to ensure the correct health and safety protocols are maintained and implemented.

Given the substantial use of insecticides in the implementation of the elimination programme, strict decontamination and containment procedures are required to be followed. However, due to the lack of proper Infrastructure, many of these procedures cannot be followed, which leaves both community and malaria agents exposed to major health risks. Of particular concern is possible contamination of ground water sources, which may affect communities.

During the 2019/2020 financial year, Infrastructure Development Management deployed a multidisciplinary team from Head Office to undertake conditional assessment to all Malaria Camps.

¹ Malaria-Elimination-Strategic-Plan-For-South-Africa-2019-2023

The assessment was conducted from the 8th – 10th October 2019. 12 of the 23 camps that were assessed were earmarked for infrastructural interventions.

Following the investigations, a resolution was made for Infrastructure Development to budget for the upgrade and additions for the Malaria Camps in 2021/2022 Annual Implementation Plan.

The estimated approved budget in the Annual Implementation Plan is R22 000 000. The project will be implemented through the KZN Department of Health (DoH), where a full estimate will be presented in the next FIPDM stage. The DoH Project Leader will ensure that a consultant is employed for the project.

2.2 Situation Today

The malaria camps, as they are today, are stationed as buildings that do not align with infrastructural requirements needed to safely conduct works.

The following were highlighted concerns and priority from the facilities that are in need of attention:

- Structural defects on various buildings
- Issue of water and electrical connections
- Access control

It is of outmost necessity that the selected 12 malaria spray camps obtain new connections for water, sewerage and electricity. The current condition of the facilities can be evaluated in Annexure A.

2.3 Site Locations

There are 23 site camps which were initially investigated. Some of these camps were in a state where they can be refurbished to original state while some of the facilities are in a condition that cannot be refurbished and must be condemned. Out of the twenty-three (23) camps visited, 11 facilities were recommended to be condemned due to excessive cracks in the walls and floors beyond repair. Below in Table 2-1 and Table 2-2 are the 12 camp facilities (including one new facility, Nkodibe Camp), which were selected to be refurbished. Figure 2-2 illustrates the geolocation of the malaria spray camps.

Table 2-1: Prioritisation and geolocation matrix of selected spray camps

No.	Facility Name (Malaria Camp Name)	CO-ORDINATES		Type of facility	Priority
1.	Mbazwana Camp	S-27,492811	E32,594799	Malaria Specialised Camp	1
2.	Mfekayi Camp	S-28,144780	E32,320250	Malaria Specialised Camp	1
3.	Manguzi Camp	S-26,976210	E32,764632	Malaria Specialised Camp	1
4.	Makanis Camp	S-27,022672	E32,305744	Malaria Specialised Camp	1
5.	Ndumo Camp	S-26,919417	E32,266329	Station Facility	2
6.	Mamfene Camp	S-27,450185	E32,164654	Station Facility	2
7.	Dukuduku Camp	S-28,373382	E32,364132	Station Facility	2
8.	Mseleni Camp	S-27,359495	E32,534526	Station Facility	2

No.	Facility Name (Malaria Camp Name)	CO-ORDINATES		Type of facility	Priority
9.	Othobothini Camp	S-27,359742	E32,132059	Station Facility	3
10.	Selezi Camp	S-27,080654	E32,553475	Station Facility	3
11.	Nkodibe Camp	S-28,380360	E32,182760	Station Facility	3
12.	Shemula Camp	S-27,001456	E32,279453	Station Facility	3

Table 2-2: Matrix of Existing Facilities per Site

No.	Facility Name (Malaria Camp Name)	NEAREST HF	DISTANCE
1.	Mbazwana Camp	Mbazwana clinic	1.7 km
2.	Mfekayi Camp	Nkundusi clinic	500 metres
3.	Manguzi Camp	Manguzi hospital	1.8 km
4.	Makanis Camp	Kwandaba Clinic	Sharing Boundary
5.	Ndumo Camp	Ndumo clinic	1.9 km
6.	Mamfene Camp	Makhathini clinic	900 m
7.	Dukuduku Camp	Sipho Zungu clinic	1.5 km
8.	Mseleni Camp	Mseleni hospital	6.5 km
9.	Othobothini Camp	Nondabuya clinic	3.4 km
10.	Selezi Camp	Phelandaba clinic	900 m
11.	Nkodibe Camp	Mpukunyoni clinic	4 km
12.	Shemula Camp	Shemula clinic	11.2 km

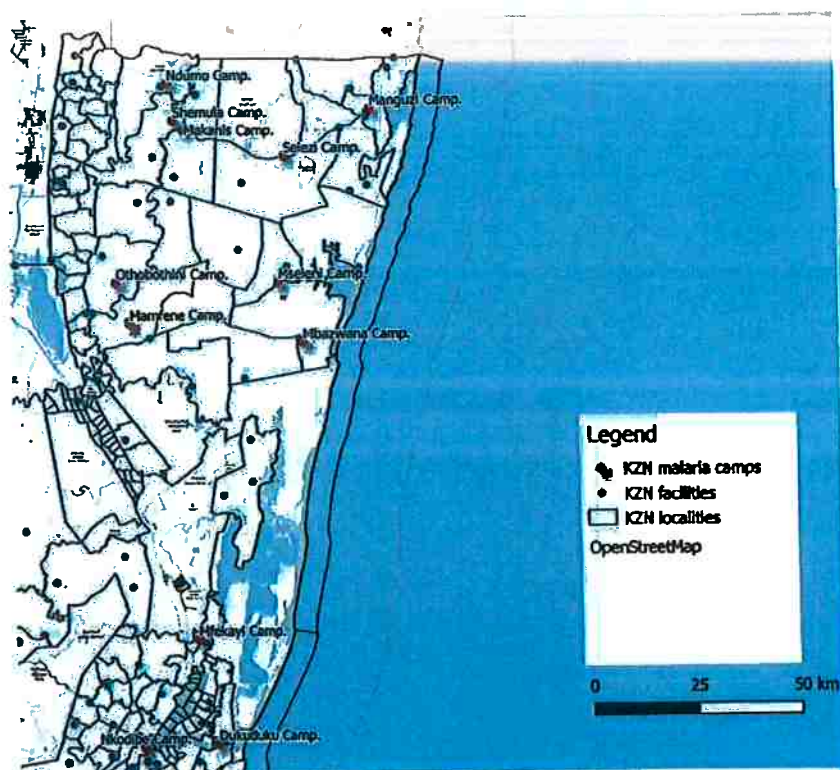


Figure 2-2: Geolocation of selected spray camps

3 STRATEGIC BACKGROUND

3.1 Strategic Impact/Outcome

The National Malaria Programme (NMP) in South Africa is part of the Directorate at the National Department of Health (NDOH) responsible for malaria, vector-borne and zoonotic diseases. Dedicated Provincial Malaria Programmes exist in the three endemic provinces, namely KwaZulu-Natal, Limpopo, and Mpumalanga.

As stated in the Kwa Zulu Natal Department of Health Strategic Plan for 2020/21 – 2024/25, the Sustainable Development Goal (SDG) highlighted in this project is to reduce by one-third premature mortality from non-communicable diseases through prevention and treatment, and promote mental health and wellbeing by 2030.

To achieve this SDG, it is required that Malaria Spray Camps are developed, built, maintained and refurbished in the identified regions in Kwa-Zulu Natal, particularly in uMkhanyakude District. The purpose of the Malaria Spray Camps is to provide accommodation and offices for staff members who will be implementing targeted Indoor Residual Spraying (IRS) intervention, which is the application of insecticide onto the interior walls of houses, in the hotspot regions. As well, the staff members who will be located at the malaria spray camps will be collecting and analysing samples extracted from site, which requires the need for the malaria spray camps to be located outside any hospital or clinic's immediate vicinity.

In summary, the upgraded Malaria Camps will improve the implementation of the Malaria Elimination programme in the uMkhanyakude Health District, while ensuring staff and community safety. This project will thereby help in containing and reducing the outbreak of malaria in uMkhanyakude District.

3.2 Project Outcome

In line with the Kwa Zulu Natal Department of Health Strategic Plan for 2020/21 – 2024/25, the Project Outcome is to reduce morbidity and mortality. Under the section "Reducing Morbidity and Mortality", the Epidemiology, Health Research and Knowledge Management component has produced research reports on EMS; Malaria and Bilharzia; HIV/AIDS, TB and Trauma; MCWH; NCDs; Community Health; PHC and Hospitals and immunisation and selected child diseases. The research indicates the following results.

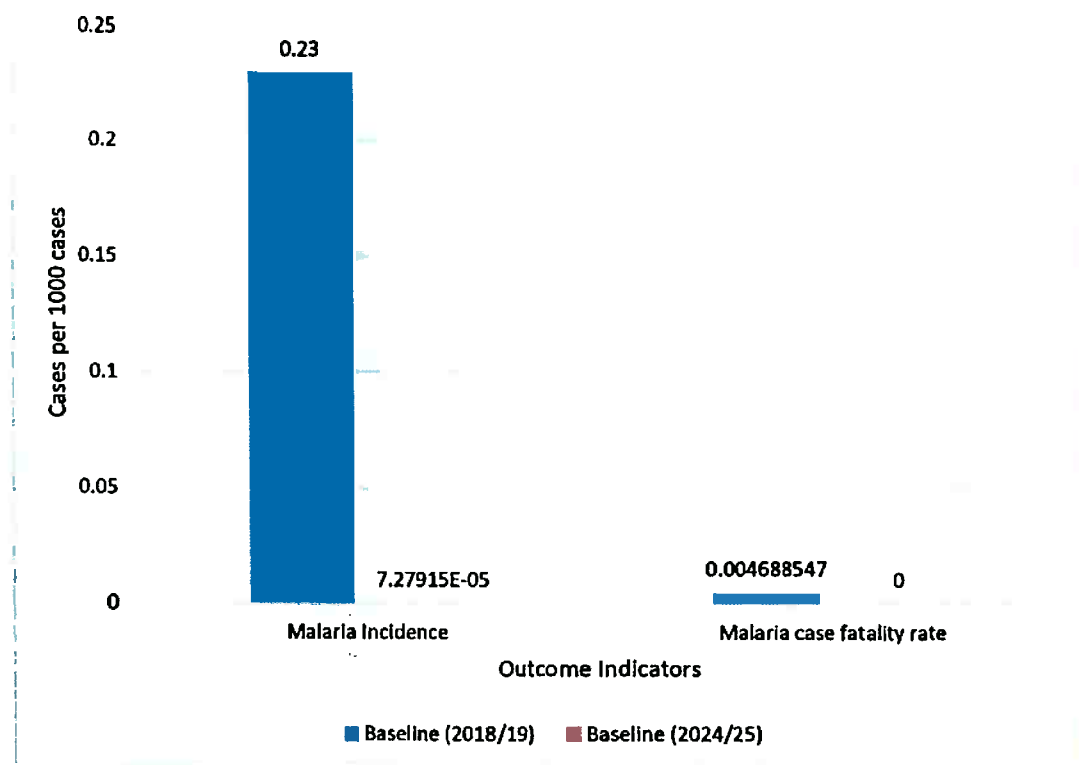


Figure 3-1: Outcome indicators for malaria (Kwa-Zulu Natal Department of Health Strategic Plan 2020-2025)

The outcome indicators for the number of malaria cases per 1000 cases, as illustrated in Figure 3-1, are required to be exponentially reduced in terms of malaria incidence and malaria case fatality rate from the 2018/19 to 2024/26. The targeted outcome will also be a result of the improved infrastructure, which will enable the implementation of the Malaria Elimination programme in an effective and compliant environment.

3.3 Project Objective

The goal of the project is to reach the Kwa-Zulu Natal Strategic Plan of the 5-year target of zero cases per 1000 cases (50 cases per 686 893-malaria cases) by 2024/2025 financial year for the Provincial Outcome of "Reduced Morbidity and Mortality".

As part of the goal of the National Malaria Elimination Strategic plan for South Africa to achieve zero local malaria transmission in South Africa by the year 2023, the plan has identified five key objectives in relation to this project to achieve the above-mentioned main goal:

- Provide effective management, leadership and coordination for the optimal implementation of malaria elimination interventions at all levels by 2023.
- Strengthen and sustain the surveillance system so that 100% of malaria cases are reported into the Malaria Information System (MIS) within 24 hours by 2023.

- Ensure that 90% of the population affected by malaria receives information education communication (IEC) messaging by 2023.
- Protect all populations at risk to achieve at least 95% coverage with key vector suppression strategies and interventions for the period 2019-2023.
- Ensure universal access to diagnosis and treatment in endemic and non-endemic areas according to national guidelines for the period 2019-2023.

The infrastructure division has identified the following related objectives:

- For the upgraded camps to ensure appropriate infrastructure to facilitate the Malaria Elimination programme, thereby servicing the affected communities.
- Job creation during construction and for operation of the camp/station
- To enable a safe and effective implementation of the Malaria Elimination programme.

3.4 Project Success Criteria

The project success criteria can be quantified as follows:

1. The project output will be the reconstruction, water and electricity connection and furnishing of twelve (12) Malaria Spray camps in the uMkhanyakude district as part of the Malaria Spray Camp programme.
2. The project output will be complete Malaria Spray Camp facilities that provide adequate infrastructure to implement the Malaria Elimination programme in a safe and effective manner.
3. The concurrent success will be the spraying of 80% of the houses in the community of the spray camps to ensure a reduced 50 cases per 686 893 previous cases.
4. Protect all populations at risk to achieve at least 95% coverage with key vector suppression strategies and interventions for the period 2019-2023

3.5 Project Actions

The various tasks that must be carried out in order to deliver the planned results

- Gap Analysis of existing infrastructure
- Functional Analysis
- Stakeholder engagement with community at initiation stage and construction stage
- Stakeholder engagement with facility, the district, and provincial and national programmes
- Investigations in land availability
- Investigations in land use, zoning restrictions
- Project Planning
- Designs, specifications, etc.
- Documentation
- Tender process
- Construction

- Handover & Commissioning
- Training

3.6 Statutory Requirements

- CIDB
- EPWP Guidelines
- PPPFA 2017
- South African Constitution
- ECSA Professional Act

3.6.1 Legislation: Minimum applicable legislation (latest version)

- Hazardous Substances Act (HAS) and Regulations
- National Environmental Management: Air Quality Act (NEM: AQA)
- National Environmental Management Act (NEMA) and Regulations
- National Environmental Management: Waste Act (NEM:WA)
- National Water Act (NWA)
- Occupational Health & Safety Act No. 85 of 1993

3.6.2 Policies: Minimum applicable

- Policy for the Management Of Health Care Risk Waste in KZN 2013
- National Implementation Plan for the Stockholm Convention on Persistent Organic Pollutants 2012
- Malaria Elimination Strategic Plan 2019 – 2023
- Kwa-Zulu Natal Department of Health Strategic Plan for 2020/21 – 2024/25
- Related KZN Health Policies

3.6.3 Norms and Standards: Minimum applicable

- SANS 1200
- SANS 10400
- Civil Engineering Specification

3.6.4 Statutory Permissions Required:

- Planning and development Act: May be required
- Environmental Impact assessment: May be required
- AMAFA approval: May be required
- Municipal Approval: Obtained
- Access to National / Provincial Roads: N/A
- National Water Act: May be required
- National Environmental Management Act: May be required

3.6.5 Other Requirements:

- Municipality by-laws

4 SCOPE OF THE PROJECT

4.1 Proposed Service Profile

4.1.1 Drivers of Malaria in uMkhanyakude District

Malaria is endemic in uMkhanyakude District and its prevalence varies in space and time. Infection with malaria parasites is dependent on mosquito vectors and human factors. The epidemiology data over a period of three years demonstrates that in Jozini and uMhlabuyalingana sub-districts, malaria is mainly driven by Mobile Migrant Population (MMP) in search for casual job opportunities in the Agriculture and Tourism-Hospitality sectors, as well as the presence of competent vectors in the localities.

Population, behavioural and environmental factors, influences the prevalence of malaria. This is especial true for Agricultural, Tourism-Hospitality and Rural-Urban spaces. The few local cases observed annually arises from localities with high numbers of migrant workers from neighbouring malaria endemic countries and often coincided with peak harvest/replanting seasons of sugarcane in the main, as well as when the hospitality sector is expecting high numbers of tourists from overseas. This type of spatial information and analysis can improve and enable malaria spray camps to focus its control efforts against malaria even with the limited resources.

In Table 4-1, the population that is serviced per Malaria Spray Camp is detailed.

Table 4-1: Population serviced per Malaria Spray Camp

No.	Malaria Camp	Population Number Serviced
1.	Mbazwana Camp	26 207
2.	Mfekayi Camp	15 169
3.	Manguzi Camp	20 314
4.	Makani's Camp	17 460
5.	Ndumo Camp	20 119
6.	Mamfene Camp	20 077
7.	Dukuduku Camp	17 672
8.	Mseleni Camp	14 918
9.	Othobothini Camp	22 778
10.	Selezi Camp	12 764
11.	Nkodibe Camp	34 479
12.	Shemula Camp	27 813

4.1.2 Malaria Disease burden in the localities within Malaria Camps to be refurbished

4.1.2.1 Jozini Municipality

Below in Table 4-2 are the malaria statistics in Jozini municipality over a period of 3 years.

Table 4-2: Malaria disease burden over a period of 3 years across Jozini Municipality

Period	Total cases	Total deaths	Local cases	Imported cases	Population at Risk
2019	62	0	11 (17.7%)	49 (79.0%)	207415
2020	25	1	12 (48.0%)	13 (52.0%)	209313
2021	65	1	9 (13.8%)	56 (86.2%)	211135

Camps located under Jozini Municipality

1. Othobothini camp
2. Mamfene camp
3. Shemula camp
4. Ndumo camp

4.1.2.2 uMhlabuyalingana Municipality

Below are the malaria statistics in uMhlabuyalingana municipality.

Table 4-3: Malaria disease burden over a period of 3 years across uMhlabuyalingana Municipality

Period	Total cases	Total deaths	Local cases	Imported cases	Population at risk
2019	838	2	35 (4.2%)	802 (95.7%)	175459
2020	229	0	28 (12.2%)	201 (87.8%)	177906
2021	197	1	5 (2.5%)	187 (94.9%)	180373

Camps located under uMhlabuyalingana Municipality

1. Makanisi camp
2. Mbazwana camp
3. Mseleni camp
4. Manguzi camp
5. Selezi camp

4.1.2.3 Other Municipalities

The other 3 sites are located in other municipalities where the cases are less severe:

1. Mfekayi Camp (Mtubatuba municipality)
2. Nkodibe Camp (Mtubatuba municipality)
3. Dukuduku Camp (Mtubatuba municipality)

]

4.1.3 Characteristics of localities by vector reports

Below are the malaria specie statistics in both Jozini and uMhlabuyalingana municipality.

Table 4-4: Malaria vector species distribution across Jozini and uMhlabuyalingana Municipalities

Jozini Municipality	No. of vector species	Specific species
Othobothini camp	3	<i>An. arabiensis</i> , <i>An. merus</i> , <i>An. vaneedeni</i>
Mamfene camp	4	<i>An. arabiensis</i> , <i>An. merus</i> , <i>An. vaneedeni</i> , <i>An. parensis</i>

Jozini Municipality	No. of vector species	Specific species
Shemula camp	2	<i>An. arabiensis, An. merus</i>
Ndumo camp	2	<i>An. arabiensis, An. merus</i>
UMhlabuyalingana Municipality		
Makanisi camp	1	<i>An. arabiensis,</i>
Selezi camp	0	<i>No found vectors</i>
Mbazwana camp	0	<i>No found vectors</i>
Mseleni camp	0	<i>No found vectors</i>
Manguzi camp	0	<i>No found vectors</i>

4.2 Detail Scope of Work

The Malaria Spray camps are central points from which the Malaria Elimination Programme is implemented. The camps operate as follows:

1. Field teams are dispatched from the camps to implement the following
 - a. Indoor spraying of communities
 - b. Surveillance of areas
 - c. Health promotion
2. Specialised units are stationed at the specialised Malaria Camps which require separate labs as follows:
 - a. Parasitology
 - b. Entomology

The camps render preventative services to communities to contain and reduce outbreaks of malaria, with the aim of elimination of the disease. Further to this, personnel are dispatched to provide education to communities concerning Malaria, with the help of communities monitor, and survey malaria prone areas.

It is proposed that 12 of the 23 Malaria Campsites be upgraded, with 4 camps which have been identified as Specialised camps and requiring Lab facilities. These 4 specialised Malaria camps are as follows:

1. Mbazwana Camp
2. Mfekayi Camp
3. Manguzi Camp
4. Ndumo Camp

The remainder of the camps will serve purely as station facilities from which teams are dispatched. These will be classified as Station Facilities. The scope of work will therefore look at the requirements for a Specialised Type-A camp as follows:

4.2.1 Specialised Malaria Camp (New TYPE-A)

4.2.1.1 Satellite Entomology Laboratory in Ndumo, Manguzi, Mbazwana and Mfekayi Camps

The Satellite entomology laboratories required in the four different malaria camps should be a structure measuring 4.5m (L) x 3.5m (W), dividing it into two rooms with a solid wall. Both rooms should be fitted with a window at the back or side, as well as wall-to-wall work benches and cupboards. There should be 2 metal wash basins in the foyer of each room, and multi sockets on the wall over the benches to allow setting up microscopes for on-site morphology identification of mosquitoes.

The two rooms would allow monitoring of insecticide resistance and IRS quality control activities without cross contamination of samples collected in the field and would be used for two different field activities, namely;

1. Morphological identification of samples and rearing of eggs to adult.
2. Determination insecticide resistance of field caught vector samples, which are key indicators as the country edges to elimination of malaria.

The benches and cupboards would serve several purposes such as storage of laboratory and field consumables, rearing eggs to adults in bowls in room-1 and in room-2 for keeping the WHO papers, WHO susceptibility testing tubes and bioassay cups during 24hrs exposure to insecticide.

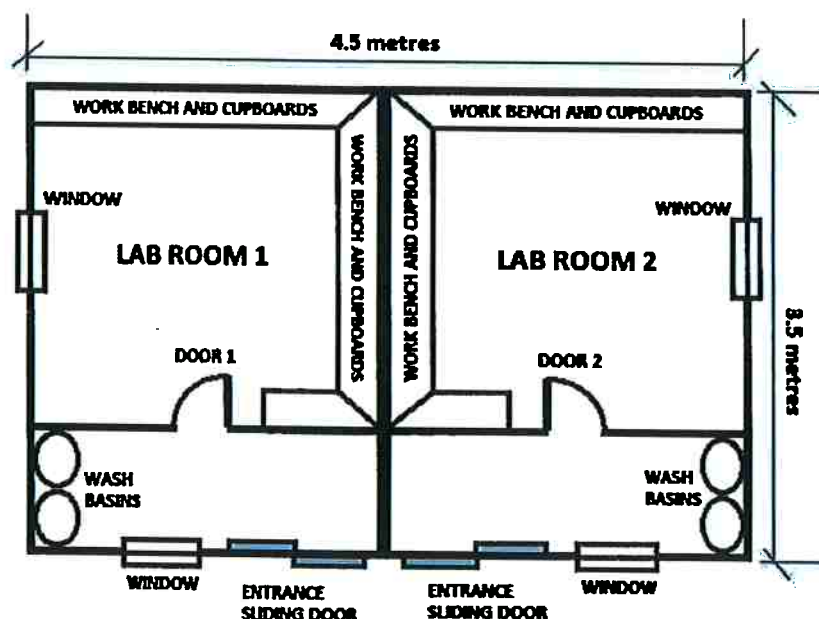


Figure 4-1: Draft Layout for specialised laboratories in Type facilities

4.2.2 Functional Areas

The malaria spray camps will be refurbished and upgraded to include the functional areas as indicated in Table 4-5 and Table 4-6 for the Type A and Type B.

Table 4-5: Type A- Specialised Malaria Camp Functional Areas

Type of Service	Service Area	Security grading
Guard House	Guard room & staff facilities	High to Medium security
Accommodation block	Accommodation and staff living facilities	Medium security
Admin and Offices	Administration, Storage and Boardroom	High to Medium security
Entomology Lab	Lab and Change room	High to Medium security
Parasitology Lab	Lab and Change room	High to Medium security

Table 4-6: Type B- Station Facility Functional Areas

Type of Service	Service Area	Security grading
Guard House	Guard room & staff facilities	High to Medium security
Accommodation block	Accommodation and staff living facilities	Medium security
Admin and Offices	Administration, Storage and Staff Facilities, dispensing	High to Medium security

4.2.2.1 Standard specifications to be used in the project

- Red book – Guidelines for Human Settlement Planning and Design Volume 1 2005.
- DoPW Civil Engineering specifications
- IUSS Requirements

5 TECHNICAL BRIEF**5.1 Building and engineering Services**

During the site visit in 2019, it was identified that the twelve (12) identified malaria spray camps will equally require new and additional access to water, sewage services and electricity. As a result, green initiatives must be considered in Stage 2 and Stage 3 of the IDPM process. This may include:

- Rainwater harvesting
- Permeable paving
- Recycled materials
- Passive solar systems
- Back-up generators
- Wind turbines
- Grey water usage

The following engineering systems must be considered and will generally be site specific when the consultant has conducted a thorough technical site assessment:

- Mechanical Services
 - HVAC
- Electrical Services
 - Electricity
 - Backup/Emergency Systems
 - UPS and
 - Emergency Generator
 - High Tension Substations (HT) – if required
 - Low Tension Substations (LT) – if required
 - Lightning Protection
- Civil Engineering
 - Water
 - Potable water
 - Fire Water
 - Sewer
 - Storm water
 - Grey water
- Other Bulk Services
 - ICT - network and cabling
 - Electronics - access control
 - Telecommunications
 - IT Communication

5.2 Unit Configuration Principals

As there are no approved KZN or National Department of Health standard unit configurations for these malaria spray camp facilities, they are required to be developed to suit the requirements and needs of the end users in the upcoming stages.

Fencing for the 12 malaria spray camps is currently underway. The project is currently in Stage 4. The Implementing Agent will ensure that both the fencing and refurbishment projects are concurrently monitored to avoid timeframe clashes and access obstruction and hindrance.

5.3 Room/Area Requirements for all camps (Office & Accommodation Schedules)

The descriptions and room sizes for the proposed TYPE A and TYPE B Malaria Camps are highlighted below

5.3.1 TYPE A- Specialised Malaria Camp - Accommodation Schedule

The TYPE A- Specialised Malaria Camp will include wash bays, offices, accommodation and laboratory offices. Table 5-1 indicates the number and sizes of the respective rooms in the malaria spray camp facilities.

Table 5-1: TYPE A- Specialised Malaria Camp -Accommodation Schedule

	Room/area	No	Size	Total	Notes
			m ²	m ²	
a.	Guardhouse Block	1	12	12	
	Security room	1	6	6	
	Kitchenette	1	2	2	
	Toilet and locker area	1	4	4	
b.	Storage: Insecticide & general supplies	1	12	12	
	Insecticide supplies	1	6	6	Insecticides - Strong room for safe storage of insecticide.
	General Supplies	1	6	6	General Supplies storage room.
c.	Washing bay Facilities (non-decontamination zone)	1	9	9	Car wash bay facilities. Car wash bay drainage to be connected to septic tank as per environmental regulation.
d.	Washing bay facilities (decontamination Zone)	1	9	9	Triple rinsing washing bay in the decontamination zone. Shower connected to the triple rinsing decontamination zone for both male and female. Zones should be clearly marked and demarcated from the ablution bay and well-marked with signage. Decontamination wash way drainage connected to separate septic tank as per environmental regulations/standards.
e.	Offices- Admin Block		24	24	
	Offices for supervisors	1	6	6	Offices per camp to be determined dependant on number of users.

Room/area	No	Size	Total	Notes
		m ²	m ²	
Offices for MSA	1	6	6	See Table 5-3: Specialised Malaria Camps Staff office, parking and Accommodation.
Staff Canteen	1	6	6	
Staff Ablutions	1	6	6	Water Borne Facilities- to include Showers- both male and Female.
f. Specialised Unit Labs		20	20	
Entomology	1	10	10	See section 4.2.1 Specialised Malaria Camp.
Parasitology and IEC(HPP)	1	10	10	See section 4.2.1 Specialised Malaria Camp.
g. Staff Residence				
4-bed Unit		89	89	
Bedroom Main	2	13	26	Number of staff units required per camp to be determined.
Bedroom Single	2	6	12	
Bathroom	1	4	4	See Table 5-3: Specialised Malaria Camps Staff office, parking and Accommodation.
Shower	1	4	4	
Lounge	1	12	12	
Kitchen	1	6	6	
Lockable Parking & Garages	2	12.5	25	See Table 5-3: Specialised Malaria Camps Staff office, parking and Accommodation.
TOTAL REQUIRED AREA		175	175	

NOTES:

- **Two (2) Separate Septic tanks required as follows**
 - 1 septic tank for triple rinsing per camp as per environmental regulations for disposal of insecticide waste. – For Decontamination Zone
 - 1 septic tank for non-decontamination water normal airborne ablution facilities/washing bays – General wastewater.
- All camps to be fenced.
- Borehole and water supply for each camp is to be investigated.
- Security and burglar bars to facility to be considered for each facility.
- Adequate lockable parking required per camp facility.

5.3.2 TYPE B- Station facilities: Accommodation Schedule

The TYPE B- Station Malaria Camp will include wash bays, offices and accommodation. Table 5-2 indicates the number and sizes of the respective rooms in the malaria spray camp facilities

Table 5-2: TYPE B- Station facilities: Accommodation Schedule

	Room/area	No	Size	Total	Notes
			m ²	m ²	
a.	Guardhouse Block	1	12	12	
	Security room	1	6	6	
	Kitchenette	1	2	2	
	Toilet and locker area	1	4	4	
b.	Storage: Insecticide & general supplies	1	12	12	
	Insecticide supplies	1	6	6	Insecticides - Strong room for safe storage of insecticide.
	General Supplies	1	6	6	General Supplies storage room.
c.	Washing bay Facilities (non-decontamination zone)	1	9	9	Car wash bay facilities. Car wash bay drainage to be connected to septic tank as per environmental regulation.
d.	Washing bay facilities (decontamination Zone)	1	9	9	Triple rinsing washing bay in the decontamination zone. Shower connected to the triple rinsing decontamination zone for both male and female. Zones should be clearly marked and demarcated from the ablution bay and well-marked with signage. Decontamination wash bay drainage connected to separate septic tank as per environmental regulations/standards.
e.	Offices- Admin Block			24	
	Offices for supervisors	1	6	6	Offices per camp to be determined dependant on number of users. See office and accommodation requirement matrix.
	Offices for MSA	1	6	6	Offices per camp to be determined dependant on number of users. See office & accommodation requirement matrix.
	Staff Canteen	1	6	6	

	Room/area	No	Size	Total	Notes
			m ²	m ²	
	Staff Ablutions	1	6	6	Water Borne Facilities- to include Showers- both male and Female.
f.	Staff Residence				
	2-bed Unit			70	
	Bedroom Main	1	13	13	Number of staff units required per camp to be determined. See office & accommodation requirement matrix. See Table 5-3: Specialised Malaria Camps Staff office, parking and Accommodation.
	Bedroom Single	1	6	6	
	Bathroom	1	4	4	
	Shower	1	4	4	
	Lounge	1	12	12	
	Kitchen	1	6	6	
	Lockable Parking & Garages	2	12.5	25	See Table 5-3: Specialised Malaria Camps Staff office, parking and Accommodation.
	TOTAL REQUIRED AREA			136	

• **Two (2) Separate Septic tanks required as follows**

- 1 septic tank for triple rinsing per camp as per environmental regulations for disposal of insecticide waste – For Decontamination Zone
- 1 septic tank for non-decontamination water Normal airborne ablution facilities/washing bays (General wastewater).
- All camps to be fenced.
- Borehole and water supply for each camp is to be investigated.
- Security and burglar bars to facility to be considered for each facility.
- Adequate lockable parking required per camp facility.
- In the case of a 4-bed facility requirement, the following rooms will be added.
 - o Two lockable parking and garages,
 - o One additional bathroom,
 - o One shower,
 - o One bedroom main and
 - o One bedroom single.

5.3.3 Camp requirements for TYPE A-Staff office, parking and accommodation matrix

Due to the high variations in the malaria vector species and the higher number of cases, the following specific camps will consist of a TYPE A facility.

Table 5-3: Specialised Malaria Camps Staff office, parking and Accommodation

Clinic Name	No of Users	Offices required	Parking Size/ lockable	No. of Acc. required
Mbazwana Camp	12	3	2	4 - bed unit
Mfekayi Camp	4	1	2	4 - bed unit
Manguzi Camp	13	5	6	4 - bed unit
Makanis Camp	14	2	10	4 - bed unit

5.3.4 Camp requirements for TYPE B-Staff office, parking and accommodation matrix

Due to the low variations in the malaria vector species and the lower number of cases, the following specific camps will consist of a TYPE B facility.

Table 5-4: Station Facilities Staff office, parking and Accommodation

Clinic Name	No of Users	Offices required	Parking Size/ lockable	No. of Acc. required
Ndumo Camp	10	5	2	2 - bed unit
Othobothini Camp	8	2	2	2 - bed unit
Selezi Camp	4	1	2	2 - bed unit
Mamfene Camp	16	2	2	2 - bed unit
Dukuduku Camp	4	1	2	4 - bed unit
Mseleni Camp	6	2	2	2 - bed unit
Nkodibe Camp	5	1	2	2 - bed unit
Shemula Camp	11	2	2	2 - bed unit

6 PROJECT / PROGRAMME MANAGEMENT AND COST CONTROL

6.1 Project Management

6.1.1 IDMS guidelines

NO PROJECT CAN PROCEED UNTIL THE IDMS STAGE HAS BEEN SIGNED OFF BY THE APPROPRIATE PERSON – Please refer to Departmental Infrastructure Standard Operating Procedures (SOPS)

Stage 1 PROJECT INITIATION / PREFEASIBILITY

Stage 1 A and Stage 1B: Current stage

- Deliverable Initiation Report/ Prefeasibility Study Approved
- Deliverable Project brief approved.

Stage 2 CONCEPT / FEASIBILITY

This phase will be completed by procured PSPs through DoH

- Deliverable Concept and viability report approved OR Feasibility report approved

Stage 3 DESIGN DEVELOPMENT

This phase will be completed by procured PSPs through DoH

- Deliverable Design development report approved

Stage 4 DESIGN DOCUMENTATION

This phase will be completed by procured PSPs through DoH

- Deliverable Design documents report approved

Stage 5 WORKS

This phase will be completed by procured Contractors and DoH

- Deliverable Works completion report approved

Stage 6 HANDOVER

- Deliverable Handover / Record information report approved

Stage 7 CLOSE OUT

- Deliverable Close out report is accepted

6.1.2 Project Management Plan / Resource Management

The following Project Management plan is a guideline.

Table 6-1: Proposed Project Plan

ITEM	ELEMENTS
Needs Assessment/Analysis:	Projects has been identified and agreed it be implemented as a programme through KZN Department of Health
Implementing Agent Brief:	Herewith is the brief to the IA, which will be KZN Department of Health
Consultancy Brief:	<p>Contractor, Project Monitor and Technical consultant to be procured as per brief and implementation plan. :</p> <p>The Consultant team:-</p> <p>Are to manage the project to successful completion within time, cost and to the required specification and to manage project associated risks for minimum impact.</p> <ul style="list-style-type: none">• Must develop, design, document, manage and close the project• May not proceed with any stage (FIDPM) of the work until the KZN-DOH is satisfied with the stage of the project.• Must clarify any uncertainties, discrepancies, etc. to the satisfaction of KZN-DOH• Is expected to deliver a well-designed, cost effective, low maintenance facility that will suit the needs of Amajuba District community and KZN-DOH• Must adhere to the timeframes for the work to be completed as presented.
Evaluation and Engagement:	<ul style="list-style-type: none">• The project may not proceed to any stage until KZN-DOH is satisfied with the current stage (wherever that is) of the project;• KZN-DOH will follow the FIDPM principles for approval and evaluation

6.1.3 Project Risk Plan

Informed decision-making is critical to the success of any project. Another crucial element to this success is the identification of risks and how they will be managed. The following risks have been identified prior to the project start. These risks are not all-inclusive and will be reviewed as the project progresses.

The following is some of the risk identified. However, it is required that the Implementer develop a full risk plan. This is not an inclusive list and must be reviewed at each stage.

Table 6-2: Project Risk Log

	Risk	Owner	Probability (low/med/ high)	Consequence (L/M/H)	Actions
1.	Illegal Trespassing and Theft	DoH	High	High	Provide clear and adequate security during construction.
		Consultant	High	High	Availability and well communicated detailed works programme.
2.	Disturbance from special interest groups	Consultant	High	high	Stakeholder Engagement with effective communication and stakeholder management plan.
3.	Project programme delays	Contractor	High	high	Ensure sufficient planning is in place, as well as accounting for probable delays into the project programme.
4.	Materials and equipment unable to arrive on site	Contractor	Low	Med	Ensure material and equipment suppliers are located in the area where project will start.
5.	High transportation cost	Contractor	Low	Med	Ensure material and equipment suppliers are located in the area where project will start.

6.1.4 Occupational Health and Safety Baseline plan

The project must comply with the requirements of the Occupational Health & Safety Act 85 of 1993 and its Regulations to ensure the following:

- to provide for the health and safety of persons at work and for the health and safety of persons in connection with the use of plant and machinery during the project;
- the protection of persons other than persons at work against hazards to health and safety arising out of or in connection with the activities of persons during the project.

The detailed Health and Safety Specification will be developed and included during the next stage.

6.2 Communication Plan

The following plan is a guideline to ensure good communication, frequent engagement throughout the project. The following plan is a guideline.

6.2.1 Communication Plan Strategies

In order to ensure good communication, frequent engagement will take place throughout the project life cycle. The engagements include:

- Stakeholder engagement meetings
- Planning meetings
- Update meetings
- Report back meetings
- Site meetings
- No media communication except by KZN-DOH Communication

6.2.2 Communication Plan Methodologies

Communication will be done through the following methods:

- Meetings
- Minutes
- Telecommunication
- E-mails
- Reports
- Letters
- Feedback information

6.2.3 Communication Plan Delivery

Communication will be delivered through:

- Telecommunication
- E-mails
- Postal services
- Internal registry services

6.2.4 Communication Plan Personnel

Communication will be between KZN-DOH Infrastructure Development (KZN-DOH ID) as the Implementing Agent and:-

- KZN-DOH Head Office sections
- KZN-DOH uMkhanyakude District
- Consultant team

6.2.5 Communication plan channels

Communication is expected to take place between:

- KZN-DOH uMkhanyakude District and Community
- KZN-DOH ID and IA
- IA and Consultants
- IA and Contractor/s
- Between Consultants

6.3 Project Milestones

The project will be completed in 3 phases to prioritise the regions that are more critical than others for completion. The project will run concurrently for Stage 2 and Stage 3 to ensure uniformity in the

design development. However, the projects will run one after the other for Stage 4 and Stage 5 to prioritise specific malaria spray camps completion.

6.3.1 Phase 1 of the projects and project milestones

The list of facilities and their respective project milestones under Phase 1 of the Malaria Spray Camp project is entailed below.

Table 6-3: Facilities planned for Phase 1

No.	Malaria Camp	Phase
1.	Mbazwana Camp	1
2.	Mfekayi Camp	1
3.	Manguzi Camp	1
4.	Makanis Camp	1

Table 6-4: Milestones and Tasks for Phase 1

Milestone	Anticipated Completion Date	% Project Complete
PROJECT INITIATION DATE	01/10/2019	0
STAGE 1A and 1B FEASIBILITY	15/12/2021	10%
STAGE 2, 3	30/06/2022	30%
STAGE 4 TENDER	30/08/2022	40%
CONSTRUCTION	01/10/2022	80%
<i>Construction 0 - 25%</i>	<i>01/10/2022</i>	<i>51%</i>
<i>Construction 26 - 50%</i>	<i>15/12/2022</i>	<i>61%</i>
<i>Construction 51 - 75%</i>	<i>15/02/2023</i>	<i>70%</i>
<i>Construction 76 - 100%</i>	<i>30/04/2023</i>	<i>80%</i>
PRACTICAL COMPLETION	15/06/2023	81%
HANDED OVER	30/07/2023	84%
WORKS COMPLETION	15/08/2023	91%
FINAL COMPLETION	31/08/2023	96%
CLOSE OUT (same time as Phase 3)	31/07/2024	100%

6.3.2 Phase 2 of the projects and project milestones

The list of facilities and their respective project milestones under Phase 2 of the Malaria Spray Camp project is entailed below.

Table 6-5: Facilities planned for Phase 2

No.	Malaria Camp	Phase
5.	Ndumo Camp	2
8.	Mamfene Camp	2
9.	Dukuduku Camp	2
10.	Mseleni Camp	2

Table 6-6: Milestones and Tasks for Phase 2

Milestone	Anticipated Completion Date	% Project Complete
PROJECT INITIATION DATE	01/10/2019	0
STAGE 1A and 1B FEASIBILITY	15/12/2021	10%
STAGE 2, 3	30/06/2022	30%
STAGE 4 TENDER	05/01/2023	40%
CONSTRUCTION	15/04/2023	80%
Construction 0 - 25%	15/04/2023	51%
Construction 26 - 50%	15/06/2023	61%
Construction 51 - 75%	15/08/2023	70%
Construction 76 - 100%	30/10/2023	80%
PRACTICAL COMPLETION	15/11/2023	81%
HANDED OVER	30/11/2023	84%
WORKS COMPLETION	30/12/2023	91%
FINAL COMPLETION	31/01/2024	96%
CLOSE OUT (same time as Phase 3)	31/07/2024	100%

6.3.3 Phase 3 of the projects and project milestones

The list of facilities and their respective project milestones under Phase 3 of the Malaria Spray Camp project is entailed below.

Table 6-7: Facilities planned for Phase 3

No.	Malaria Camp	Stage
6.	Othobothini Camp	3
7.	Selezi Camp	3
11.	Nkodibe Camp	3
12.	Shemula Camp	3

Table 6-8: Milestones and Tasks for Phase 3

Milestone	Anticipated Completion Date	% Project Complete
PROJECT INITIATION DATE	01/10/2019	0
STAGE 1A and 1B FEASIBILITY	15/12/2021	10%
STAGE 2, 3	30/06/2022	30%
STAGE 4 TENDER	30/03/2023	40%
CONSTRUCTION	15/11/2023	80%
Construction 0 - 25%	15/11/2023	51%
Construction 26 - 50%	15/01/2024	61%
Construction 51 - 75%	15/03/2024	70%
Construction 76 - 100%	30/05/2024	80%
PRACTICAL COMPLETION	15/06/2024	81%
HANDED OVER	30/06/2024	84%
WORKS COMPLETION	15/07/2024	91%
FINAL COMPLETION	25/07/2024	96%
CLOSE OUT	31/07/2024	100%

6.4 Project Cost Breakdown

The project cost is made up of the following elements on the table below.

The Project Leader is responsible in ensuring that necessary controls are in place and that the budgets are not exceeded without a fully motivated and approved submission to the CFO and HOD.

6.4.1 Construction cost estimation

Below are the estimations for the construction of the 12 malaria spray camps utilising the recommended construction rate by the Quantity Surveyor.

Table 6-9: Cost Estimation per facility type (Rates for dwellings larger than 80 m2 from National Building Costs Per Square Metre in South Africa 2021 – New Building Plans)

Facility	Area (m²)	Number of units	Total Area (m²)	Recommended Rate (R/m2)	Total (R)
TYPE A- Specialised Malaria Camp and Accommodation	175	4 camps (4 bed)	700	R 8000	R 5 600 000
TYPE B- Station facilities and Accommodation	136 (2 bed)	7 camps (2-bed)	952	R 8000	R 7 616 00
	188 (4 bed)	1 camp (4-bed)	188	R 8000	R1 504 000
TOTAL					R 14 720 000

Table 6-10: Estimated Building Cost

Building cost (incl. VAT)		
Funding source	Health Facility Revitalisation Grant (HFRG)	
Budgetary Item	Amount	Explanatory Notes
Current Estimated Building Cost	R 14 720 000.00	November 2021
Pre-tender escalation	N/A	Included
Post-tender escalation	N/A	Included
Estimated Fees (19%)	R2 796 800.00	PSP's to be employed by the DoH
Contingency (10%)	R 1 472 000.00	N/A
Vat (15%) on Building cost, Estimated Fees and Contingency	R 2 848 320.00	November 2021
Estimated Cost (incl. VAT)	R 21 837 120.00	

6.5 Operations:

Below is the estimated Monthly Cashflow (AIP) for the current financial year.

Table 6-11: Estimated Monthly Cashflow (AIP)

Estimated Cashflow for current year 2022/2023 (Total Construction cost + Fees, incl. VAT – Millions)											
Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
0	0	R0.5 m	0	0	R0.14 m	R0.14 m	R1 m	R1 m	R0.45 m	R 0.189120 m	R 0.304004 m

Table 6-12: Projected Annual Cash flow (U-AMP)

MTEF and beyond	Fees	Construction	Total
Yr. 21/22	R0.00	R0.00	R0.00
Yr. 22/23	R1 000 500.00	R 2 800 000.00	R 3 800 500.00
Yr. 23/24	R 839 040.00	R10 566 400.00	R11 405 440.00
Yr. 24/25	R 757 260.00	R 2 825 600.00	R 3 582 860.00
Yr. 25/26	R 200 000.00	R 2 848 320.00	R 3 048 320.00
TOTAL	R2 796 800.00	R19 040 320.00	R21 837 120.00

6.6 Expanded Public Works Programme and Community Participation Goal

Below is the EPWP Minimum Requirement for the value of this project,

Table 6-13: Expanded Public Works Programme and Community Participation Goal

EPWP Minimum Requirement	Project Values in Rand and minimum guidelines					
	Up To 5 00 000	Between 500 000 up to 2 million	Between 2 million up to 10 million	Between 10 million up to 30 million	Between 30 million up to R 99 million	From 100 million and above
Reporting	All required	All required	All required	All required	All required	All required
Local Area	10 km radius	10 km radius	Local Municipality	District Municipality 60% Local Municipality	KZN Province 80% District 60% Local Municipality	South Africa 80% KZN 60% District 40% Local Municipality
Branding	Not Required	Site only	Site and Uniform	Site ,Uniform and tender documentation	Site ,Uniform and tender documentation	Site ,Uniform and tender documentation
Recruitment	Managed via Councillor and Hospital Board/Clinic Committee	Managed via Councillor and Hospital Board/Clinic Committee	According to DOPW Recruitment guideline document	According to DOPW Recruitment guideline document	According to DOPW Recruitment guideline document	According to DOPW Recruitment guideline document
PSC	Not Required	Hospital board /Clinic Committee	Hospital board /Clinic Committee	Full PSC,CIDB Guidelines to be followed	Full PSC,CIDB Guidelines to be followed	Full PSC,CIDB Guidelines to be followed
CLO	Not Required	Required	Required	Required	Required	Required
Tender Specification	Not Required	Required	Required	Required	Required	Required

6.7 Reporting Requirements:

- Employment Contracts
- Copies of ID documents
- Half cut photographs of employees
- Proof of daily attendance
- Proof of wage payments

7 PROCUREMENT & DELIVERY STRATEGY

7.1 Primary and Secondary Objectives

7.1.1 Primary Objective

- i. Is to have one procurement process and take advantage of scale and uniformity by grouping the sub-projects for each malaria spray camp as a programme,
- ii. Is to procure and deliver the required outcome starting in 2023 / 2024 budget and within 21 months at a required standard.

7.1.2 Secondary Objective

- i. Is the socio-economic benefit, which will be achieved through targeted procurement, skills development, and job creation during project construction period.

7.1.3 Delivery Management Strategy

7.1.3.1 Professional Services

Design by Employer

The project team on Table 7-1 should be made up of the following disciplines possessing adequate experience in the specific field:

Table 7-1: Project Team Disciplines and roles

Discipline	Experience / Special Requirements
Architecture/Civil Engineer/Geotechnical Engineer/Electrical Engineer	Design
Quantity Surveyor	Estimates
Project Manager	Construction and Program Management
Contractor	Construction and Building Works

The Contracting Arrangements contained in the Infrastructure Programme Management Plan (IPMP) are as follows:

Table 7-2: Contracting Arrangements for Professional Services

Contracting Arrangements for Professional Services					
Professional services needed	Procurement Strategy / Type of Appointment	Standard Tender Evaluation Method	Contracting strategy	Pricing Strategy	Form of Contract
Full service from consulting team	Public Open Tender / Open procedure	Three Phases (Responsiveness, Eligibility and Functionality, and Price and Preference)	Design by Employer	Percentage and disbursements	CIDB Standard Contract for Consultants

7.1.3.2 For Construction Works

Table 7-3: Strategic Arrangements for works

Delivery Management Strategy for Works			Contracting Arrangements for Works			Procurement Arrangements for Works		
Delivery Mode	Implementer	Estimated Project Control Budget (Million)	Contracting strategy	Pricing strategy	Form of Contract	Procurement Procedure	Estimated Bid/Tender Award Date	Comments / Current Stage
Package	DoH	R21 837 120.00	Design by Employer	BOQ	GCC	Public Open Tender	30/08/2022	Identified

7.2 Updating and Revising the Delivery Management Strategy

Factors emerging during the development of a project may lead to a revision of the Procurement Strategy that was set out in the IPMP.

Where a revision is recommended in-principle, the DoH Project Leader must provide agreement and revision must be highlighted and explained at the end of the next stage submission; and must align with methodology described in the IPMP.

7.3 Implementation Strategy

The implementation strategy will be presented in the next FIPDM stage.

8 EXTERNAL APPOINTMENTS (PSP'S AND CONTRACTOR)

8.1 Appointment of Contractors or Suppliers

The Implementing Agent (DoH) will enter into a legally binding agreement with the Consultants (s), Contractor(s) or Supplier(s). It is recommended that the Implementing Agent employs **1 Consultant** and **3 Contractors**, one Contractor for each phase for the upgrading and additions to the malaria spray camps. However, over and above the agreement, the following expectations by KZN-DOH from the Contractor(s) or Supplier are highlighted:

- a) Cost effective proposals including, where possible, alternative economical proposals
- b) Timeous response time and provision of documents including the following:
 - i. Programmes and milestones
 - ii. Designs, reports and specifications
 - iii. Cost reports
 - iv. EPWP reports
 - v. Completion certificates
 - vi. As-built drawings, specifications, manuals, and certificate
 - vii. Close-out report
- c) Effective Time management
- d) Effective Project Management
- e) Effective Cost Management
- f) Effective Resource Management
- g) Effective Communication
- h) Adherence/Compliance to all applicable Legislation
- i) Adherence/Compliance to all applicable policies
- j) Adherence/Compliance to all applicable norms and standards

8.2 Roles and Responsibilities of the Department of Health

The roles and responsibilities are highlighted below:

- a) Effective management and co-ordination of all stages of the project
- b) Effective management and co-ordination to all legislative requirements
- c) Quality control and compliance.
- d) Effective manage Procurement preparation processes in terms of the PFMA, SIPDM and Treasury Regulations.
- e) Contract and project management
- f) Effective Financial management.
- g) Effective Time Management
- h) Manage completion processes and retention periods.
- i) Manage timeous and complete Close-out of Project including as-built documentation, manuals compliance certificates and related documentation.
- j) Manage all required reporting, documentation and archiving of documents
- k) DOH will have an oversight role on the project

9 SIGNATURES

The following Facilities, Programmes and their Managers, Directors or Leaders have been fully advised, have read, and understood the contents of this document.

Signature:



Name:

Ms. B Mhlongo

Designation:

Director: Environmental Health and CDC

Date:

16/11/2021

Signature:



Name:

Ms MP Themba

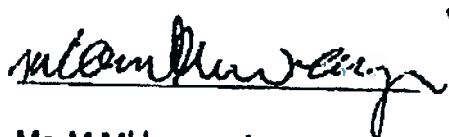
Designation:

District Director: uMkhanyakude Health District

Date:

05/11/2021

Signature:



Name:

Mr. M Mkhwanazi

Designation:

District Engineer: uMkhanyakude District

Date:

05/11/2021

10 ANNEXURE A – SITE CONDITION ASSESSMENTS FOR 12 MALARIA SPRAY CAMPS

This section provides images for the current condition of the malaria spray camps in UMkhanyakude District. As stated in the brief, the consultant will provide the exact remedy solution for each facility in the next FIDPM stages.

Most if not all the twelve (12) facilities have various structural cracks in the facilities and are in a dilapidated condition. In addition, the facilities will require access to services, sewage services, and water as part of the refurbishment project. Table 10-1 contains images extracted from the Malaria Camps Conditional Assessment Report compiled on 11 October 2019 by the DoH Team. Annexure B confirms that none of the facilities are older than 60 years for historical preservation purposes.

Table 10-1: Current condition of the twelve (12) malaria spray camp facilities

1. Shemula Camp	
	
Structure type: Brick, mortar and plaster Structure condition: Dilapidated walls and floors	
2. Manguzi Camp	
	
Structure type: Brick, mortar and plaster Structure condition: Dilapidated walls and floors	

3. Ndumo Camp



Structure type: Brick, mortar and plaster;
separate structure is wooden

Structure condition: Asbestos roof; not compliant
wooden structure



4. Othobothini Camp



Structure type: Brick, mortar and plaster

Structure condition: Very small structures.

5. Selezi Camp



Structure type: Brick, mortar and plaster

Structure condition: Cracks in walls and floors, overgrown surrounding vegetation



6. Mamfene Camp

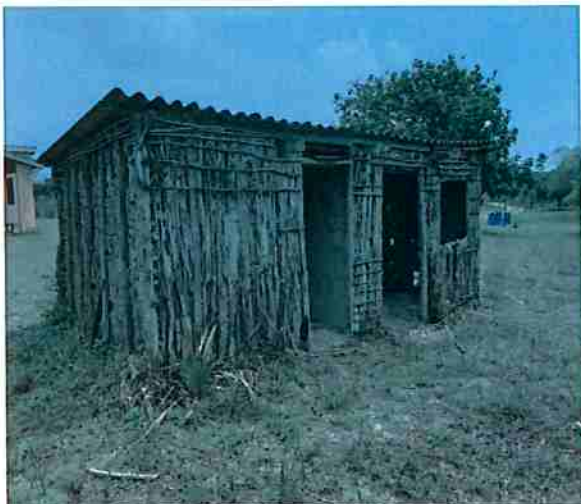


Structure type: Brick, mortar and plaster, as well as a wooden building

Structure condition: collapsing veranda and the wooden building



9. Mbazwana Camp



Structure type: Wooden structure, as well as Brick, mortar and plaster

Structure Condition: dilapidated wooden buildings

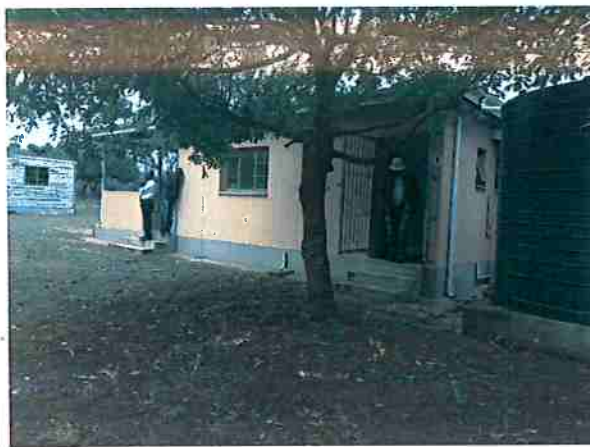


10. Mfekayi Camp



Structure type: Wooden

Structure Condition: Major cracks in walls, floors and dilapidated roof in wooden building



11. Nkodibe Camp (Vacant Land/Site)



Structure type: None

Structure Condition: No existing facility. New facility to be constructed

12. Dukuduku Camp



Structure type: Brick, mortar and plaster

Structure condition: Excessive cracks in walls and floors

11 ANNEXURE B – STRUCTURAL AGE OF THE 12 MALARIA SPRAY CAMPS



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

DIRECTORATE: UMkhanyakude Malaria Centre

P/Bag X002, Jozini 3969
304 Nsinde Road, Jozini 3969
Tel: 035 572 1021 Fax: 035 572 1090 Email: Nombulelo.Mpontshane@kznhealth.gov.za
www.kznhealth.gov.za

MALARIA CONTROL & PREVENTIONS SERVICES

RE: Malaria Spray Camps

The information available is that the camps were built in year 1970.

No.	Name of Camp	Tentative Year of built
1	Mfekaye	1970
2	Shikishela/Nkodibe	1970
3	Makanisi	1976
4	Selezi	1976
5	Dukuduku	1980
6	Ndumo	1980
7	Othobothini	1980
8	Shemula	1980
9	Mbazwana	1980
10	Ophansi	1980
11	Mamfene	1980
12	Manguzi	1980

Compiled by:

N. Mpontshane

Deputy Director: Operations

12 EXTERNAL REFERENCES

1. **National Department of Health, Malaria elimination strategic plan 2019-2023.**
<https://www.nicd.ac.za/wp-content/uploads/2019/10/MALARIA-ELIMINATION-STRATEGIC-PLAN-FOR-SOUTH-AFRICA-2019-2023-MALARIA-ELIMINATION-STRATEGIC-PLAN-2019-2023.pdf>
2. **Strategic Plan 2020/21 - 2024/25: Revised - KZN Department of Health**
<http://www.kznhealth.gov.za/Strategic-plan-2020-2025-rev.pdf>

APPENDIX E:
FORM A - SCHEDULE OF TEAM
MEMBERS PROPOSED FOR THE
PROJECT

FORM A

SCHEDULE OF TEAM MEMBERS PROPOSED FOR THE PROJECT

CVs for the Support Professional/Candidate per discipline must not be submitted. Please note that if any of the information disclosed in the table below is found to be dishonest or inaccurate, this may result in the withdrawal of any award already and a repudiation of this agreement. Further appropriate action may also be taken.

PROPOSED TEAM MEMBERS	REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)	DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE	PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)	PROFESSIONAL REGISTRATION NUMBER	YEARS OF POST REGISTRATION EXPERIENCE
Architectural Firm (This is the firm to complete the tender document as the Lead Bidder):					
• Lead Professional (To be the Lead for discipline):					
• Support Professional/Candidate:					
Quantity Surveying Firm:					
• Lead Professional (To be the Lead for discipline):					
• Support Professional/Candidate:					

PROPOSED TEAM MEMBERS	REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)	DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE	PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)	PROFESSIONAL REGISTRATION NUMBER	YEARS OF POST REGISTRATION EXPERIENCE
Electrical Engineering Firm:					
• Lead Professional (To be the Lead for discipline):					
• Support Professional/Candidate:					
Mechanical Engineering Firm:					
• Lead Professional (To be the Lead for discipline):					
• Support Professional/Candidate:					

PROPOSED TEAM MEMBERS	REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)	DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE	PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)	PROFESSIONAL REGISTRATION NUMBER	YEARS OF POST REGISTRATION EXPERIENCE
Civil Engineering Firm:					
• Lead Professional (To be the Lead for discipline):					
• Support Professional/Candidate:					
Structural Engineering Firm:					
• Lead Professional (To be the Lead for discipline):					
• Support Professional/Candidate:					

PROPOSED TEAM MEMBERS	REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)	DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE	PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)	PROFESSIONAL REGISTRATION NUMBER	YEARS OF POST REGISTRATION EXPERIENCE
Construction Health and Safety Firm:					
<ul style="list-style-type: none"> Lead Professional (To be the Lead for discipline): 					
<ul style="list-style-type: none"> Support Professional/Candidate: 					

APPENDIX F:

CURRICULUM VITAE TEMPLATE

CURRICULUM VITAE TEMPLATE

1. Personal Details

Name:	
Date of Birth:	
Current Employer:	
Current Position Held:	
Period with Current Employer: (mm-yyyy to mm-yyyy)	
Previous Employer:	
Position Held with Previous Employer:	
Period with Previous Employer: (mm-yyyy to mm-yyyy)	

2. Education (Degrees, Diplomas, BTech and Post Graduate Qualifications ONLY)

Qualification	Year Obtained	Institution

3. Professional Registration/s

Professional Body	Year Obtained	Expiry Date	Category of Professional Registration

4. Relevant Project Experience (Provide a maximum of 3 relevant projects)

Name of Project	Client	Project Start Date	Project End Date	Project Value	Role on Project

APPENDIX G:

RETURNABLES – RESPONSIVENESS

APPENDIX H:

RETURNABLES – ELIGIBILITY CRITERIA

REGISTERED PROFESSIONAL ARCHITECT CERTIFICATE AND PROFESSIONAL INDEMNITY

REGISTERED PROFESSIONAL QUANTITY SURVEYOR CERTIFICATE AND PROFESSIONAL INDEMNITY

**REGISTERED PROFESSIONAL
STRUCTURAL
ENGINEER/TECHNOLOGIST
CERTIFICATE AND PROFESSIONAL
INDEMNITY**

**REGISTERED PROFESSIONAL CIVIL
ENGINEER/TECHNOLOGIST
CERTIFICATE AND PROFESSIONAL
INDEMNITY**

**REGISTERED PROFESSIONAL
ELECTRICAL
ENGINEER/TECHNOLOGIST
CERTIFICATE AND PROFESSIONAL
INDEMNITY**

**REGISTERED PROFESSIONAL
MECHANICAL
ENGINEER/TECHNOLOGIST
CERTIFICATE AND PROFESSIONAL
INDEMNITY**

**REGISTERED PROFESSIONAL
CONSTRUCTION HEALTH AND SAFETY
CERTIFICATE AND PROFESSIONAL
INDEMNITY**

APPENDIX I:

RETURNABLES – FUNCTIONALITY CRITERIA

LEAD ARCHITECT CV

**LEAD ARCHITECT PROJECT
COMPLETION CERTIFICATES,
LETTERS OF AWARD / SIGNED FINAL
ACCOUNT SUMMARIES / REFERENCE
LETTERS**

LEAD QUANTITY SURVEYOR CV

**LEAD QUANTITY SURVEYOR PROJECT
COMPLETION CERTIFICATES,
LETTERS OF AWARD / SIGNED FINAL
ACCOUNT SUMMARIES / REFERENCE
LETTERS**

LEAD STRUCTURAL ENGINEER/TECHNOLOGIST CV

**LEAD STRUCTURAL
ENGINEER/TECHNOLOGIST PROJECT
COMPLETION CERTIFICATES,
LETTERS OF AWARD / SIGNED FINAL
ACCOUNT SUMMARIES / REFERENCE
LETTERS**

LEAD CIVIL ENGINEER/TECHNOLOGIST CV

**LEAD CIVIL
ENGINEER/TECHNOLOGIST PROJECT
COMPLETION CERTIFICATES,
LETTERS OF AWARD / SIGNED FINAL
ACCOUNT SUMMARIES / REFERENCE
LETTERS**

LEAD ELECTRICAL ENGINEER/TECHNOLOGIST CV

**LEAD ELECTRICAL
ENGINEER/TECHNOLOGIST PROJECT
COMPLETION CERTIFICATES,
LETTERS OF AWARD / SIGNED FINAL
ACCOUNT SUMMARIES / REFERENCE
LETTERS**

LEAD MECHANICAL ENGINEER/TECHNOLOGIST CV

**LEAD MECHANICAL
ENGINEER/TECHNOLOGIST PROJECT
COMPLETION CERTIFICATES,
LETTERS OF AWARD / SIGNED FINAL
ACCOUNT SUMMARIES / REFERENCE
LETTERS**

LEAD CONSTRUCTION HEALTH AND SAFETY AGENT CV

**LEAD CONSTRUCTION HEALTH AND
SAFETY AGENT PROJECT
COMPLETION CERTIFICATES,
LETTERS OF AWARD / SIGNED FINAL
ACCOUNT SUMMARIES / REFERENCE
LETTERS**

TEAM ORGANOGRAM

ARCHITECTURAL DISCIPLINE ORGANOGRAM

QUANTITY SURVEYING DISCIPLINE ORGANOGRAM

STRUCTURAL ENGINEERING DISCIPLINE ORGANOGRAM

CIVIL ENGINEERING DISCIPLINE ORGANOGRAM

ELECTRICAL ENGINEERING DISCIPLINE ORGANOGRAM

MECHANICAL ENGINEERING DISCIPLINE ORGANOGRAM

CONSTRUCTION HEALTH AND SAFETY DISCIPLINE ORGANOGRAM