



KUNENE REGIONAL COUNCIL BIDDING DOCUMENTS

Issued on: 029 August 2022

for

CONSTRUCTION OF NEW OKANGUATI SETTLEMENT OFFICE BUILDING – PHASE 1B: OFFICE BUILDING, IN KUNENE REGION, NAMIBIA.

Procurement Reference No: W/ONB/KRC-02/2022

Name of Bidder:	
E-mail of Bidder:	
Contact Number of Bidder:	
Total Bid Price (Incl. VAT):	N\$
Amount in Words:	

Deadline: 30 September 2022

Cost: N\$ 300.00

**Project: CONSTRUCTION OF NEW OKANGUATI
SETTLEMENT OFFICE BUILDING – PHASE 1B:
OFFICE BUILDING, IN KUNENE REGION,
NAMIBIA**

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SBD for Procurement of Works

A brief description for the main sections of this bid document is given below.

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)

This Section provides relevant information to help Bidders prepare their bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of Contracts. Section I contains provisions that are to be used without modification.

Section II. Bidding Data Sheet

This Section consists of provisions that are specific to each procurement and that supplement the information or requirements included in Section I, Instructions to Bidders.

Section III. Evaluation Criteria

This section contains supplementary evaluation criteria which the Employer may choose to apply to the procurement under consideration.

Section IV. Bidding Forms

This Section contains the forms that are to be completed by the Bidder and submitted as part of his Bid.

PART 2 – EMPLOYER’S REQUIREMENTS

Section V. Employer’s Requirements

This Section contains the Specification, the Drawings, and supplementary information that describe the Plant and Installation Services to be procured.

PART 3 – CONDITIONS OF CONTRACT AND CONTRACT FORMS

Section VI. General Conditions of Contract

This Section contains the general clauses to be applied in all contracts. The text of the clauses in this Section shall not be modified.

Section VII. Special Conditions of Contract

The contents of this Section supplement the General Conditions of Contract and shall be prepared by the Employer.

Section VIII. Contract Forms

This Section contains forms which, once completed, will form part of the Contract. The forms for **Performance Security** and **Advance Payment Security**, when required, shall only be completed by the successful Bidder after contract award.

PART 4 – ADDITIONS TO THE STANDARD BID DOCUMENT

Standard Bidding Document

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PART 1 – Bidding Procedures

Section I - Instructions to Bidders

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Section I - Instructions to Bidders

A. General

1. **Scope of Bid**
 - 1.1 The Public Entity as defined¹ in Section II “Bidding Data Sheet” (**BDS**) also referred to herein as Employer invites bids for the construction of Works, as **described in the BDS** and Section VII, “Special Conditions of Contract” (SCC).

The name and identification number of the Contract are **provided in the BDS and the SCC**.
 - 1.2 The successful Bidder shall be expected to complete the Works by the Intended Completion Period **specified in the BDS**.
 - 1.3 Throughout these bidding documents, the terms:
 - (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax,) with proof of receipt;
 - (b) if the context so requires, “singular” means “plural” and vice versa;
 - (c) “day” means calendar day unless otherwise stated; and
2. **Source of Fund**
 - 2.1 The Works shall be financed by the Public Entity’s own budgetary allocation, **unless otherwise stated in the BDS**.
3. **Public Entities Related to Bidding Documents & to application for review**
 - 3.1 The public entities related to these bidding documents are the Public Entity, acting as procurement entity (Purchaser), the Procurement Policy Unit, in charge of issuing standard bidding documents and responsible for any amendment these may require, the Central Procurement Board in charge of vetting Bidding document, receiving and evaluation of bids in respect of major contracts and the Review Panel, set up under the Public Procurement Act, 2015 (hereinafter referred to as the Act.)

**The Chairperson
Review Panel
Ministry of Finance
Private Bag 13295
Windhoek, Namibia**
4. **Fraud and**
 - 4.1 The Government of the Republic of Namibia requires that bidders/suppliers/contractors, participating in procurement in

¹ See Section IV, “General Conditions of Contract,” Clause 1. Definitions.

Corruption

Namibia, observe the highest standard of ethics during the procurement process and execution of contracts.

- 4.2 The Employer will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for the contract in question;

For the purposes of this Sub-Clause:

- (i) “corrupt practice” is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - (v) “obstructive practice” is deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation.
- 4.3 Bidders, suppliers and public officials shall also be aware of the provisions stated in section 67 and 68 of the Public Procurement Act, 2015 which can be consulted on the website of the Procurement Policy Unit (PPU): www.mof.gov.na/procurement-policy-unit

5. Eligible Bidders

- 5.1 A Bidder may be a natural person, private entity, or government-owned entity or any combination of them in the form of a joint venture, under an existing agreement, or with the intent to constitute a legally enforceable joint venture. All partners shall be jointly and severally liable for the execution of

the Contract in accordance with the Contract terms.

5.2 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if :

- (a) they have a controlling partner in common; or
- (b) they receive or have received any direct or indirect subsidy from any of them; or
- (c) they have the same legal representative for purposes of this bid; or
- (d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or
- (e) a Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the party is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or
- (f) a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid; or
- (g) a Bidder, or any of its affiliates has been hired (or is proposed to be hired) by the Employer as Engineer for the contract.

5.3 (a) A bidder that is under a declaration of ineligibility by the Government of Namibia in accordance with applicable laws at the date of the deadline for bid submission and thereafter shall be disqualified

(b) Bids from contractors appearing on the ineligibility lists of African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, Inter-American Development Bank Group and World Bank Group shall be rejected.

5.4 Government-owned enterprises in the Republic of Namibia shall be eligible only if they can establish that they are legally

and financially autonomous and operate under commercial law, and that they are not a dependent agency of the Government.

6. Qualifications of Bidders

- 6.1 All bidders shall provide in Section III, a preliminary description of the proposed work method and schedule, including drawings and charts, as necessary.
- 6.2 Bidders shall include the information and documents listed hereunder with their bids, unless otherwise **stated in the BDS**. The non-submission of the documents by the Bidder within the prescribed period may lead to the rejection of its bid.
- (a) copies of original documents defining the constitution or legal status, place of registration, and principal place of business of the Bidder;
 - (b) total monetary value of construction works performed for each of the last five years;
 - (c) experience in works of a similar nature and size for each of the last five years or as otherwise **stated in the BDS**; and clients who may be contacted for further information on those contracts;
 - (d) major items of construction equipment proposed to carry out the Contract;
 - (e) qualifications and experience of key site personnel and technical personnel proposed for the contract;
 - (f) report on the financial standing of the Bidder for the last three years, such as certified copies of Financial Statements/Audited Accounts as filed at the Registrar of Companies;
 - (g) evidence of adequacy of working capital for this Contract (access to line(s) of credit and availability of other financial resources);
 - (h) authority to seek references from the Bidder's bankers; and
 - (i) information regarding any litigation, current or during the last five years, in which the Bidder was/is involved, the parties concerned, the issues involved, the disputed amounts, and awards;
 - (j) proposals for subcontracting components of the Works amounting to more than 10 percent of the Contract Price.

- 6.3 To qualify for award of the Contract, bidders shall meet the following minimum qualifying criteria:
- (a) a minimum average annual financial amount of construction work over the period **specified in the BDS**.
 - (b) experience as prime contractor in the construction of a minimum number of works of a nature and complexity equivalent to the Works over a period as **specified in the BDS** (To comply with this requirement, works cited should be at least 70 percent complete);
 - (c) proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment **listed in the BDS**;
 - (d) a Contract Manager/Supervisor with five years' experience in works of an equivalent nature and volume, including no less than three years as Manager or as otherwise **specified in the BDS**; and
 - (e) liquid assets and/or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than the amount **specified in the BDS**.²

A consistent history of litigation or arbitration awards against the Applicant or any partner of a Joint Venture may result in disqualification.

B. Contents of Bidding Document

7. **Sections of Bidding Document**
- 7.1 The Bidding Document consists of all the Sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 10.
- Section I - Instructions to Bidders (ITB)
 - Section II - Bidding Data Sheet
 - Section III - Evaluation Criteria
 - Section IV - Bidding Forms
 - Section V - Employer's Requirements
 - Section VI - General Conditions of Contract
 - Section VII - Special Conditions of Contract
 - Section VIII - Contract Forms
- 7.2 The Invitation for Bids issued by the Employer is not part of the Bidding Document.
8. **Clarification of Bidding Document**
- 8.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact the Employer in writing at the Employer's address **indicated in the BDS**.
- The Employer will respond in writing to any request for clarification, provided that such request is received 14 days prior to the deadline for submission of bids.
- Should the Employer deem it necessary to amend the Bidding Document as a result of a request for clarification, it shall do so following the procedure under ITB 10.
9. **Site visit/Pre-bid meeting**
- 9.1 Bidders, at the Bidders' own responsibility and risk, are encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing their Bids and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidders' own expense.
- 9.2 The Bidder or its designated representative is invited to attend a pre-bid meeting, as **provided for in the BDS**. The purpose of the pre-bid meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.
10. **Amendment of**
- 10.1 At any time prior to the deadline for submission of bids, the

**Bidding
Document**

Employer may amend the Bidding Document by issuing addenda and extend the deadline for submission of bids, if needed.

C. Preparation of Bids

- 11. Cost of Bidding** 11.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Employer shall in no case be responsible or liable for those costs irrespective of the outcome of the bidding process.
- 12. Language of Bid** 12.1 The Bid, supporting documents as well as all correspondence relating to the bid exchanged by the Bidder and the Employer shall be in English Language.
- 13. Documents
Comprising the
Bid** 13.1 The Bid shall comprise the following:
- (a) Bid submission Form (in the format indicated in Section IV);
 - (b) Qualification information and documentary evidence establishing the Bidder's qualifications to perform the contract;
 - (c) completed Bill of Quantities / Activity Schedule;
 - (d) the following documentary evidence is required:
 - 1. have a valid company Registration Certificate;
 - 2. have an original valid good Standing Tax Certificate;
 - 3. have an original valid good Standing Social Security Certificate;
 - 4. have a valid certified copy of Affirmative Action Compliance Certificate, proof from Employment Equity Commissioner that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998;
 - 5. have a certificate indicating SME Status (for Bids reserved for SMEs);
 - 6. An undertaking on the part of the Bidder that the salaries and wages payable to its personnel in respect of this proposal are compliant to the relevant laws, Remuneration Order, and Award, where applicable and that it will abide to sub-clause 4.6 of the General conditions of Contract if it is awarded the contract or part thereof; and;
- 14. Bid Submission
Form and
Schedules** 14.1 The Bid Submission Form, Schedules, and all documents listed under ITB 13.1 shall be prepared using the relevant forms, if so provided.
- 15. Alternative** 15.1 Alternative Technical Proposals and completion dates if

- Proposal** allowed shall be indicated in Section V- Specifications. The evaluation methodologies for their consideration shall be given in Section III.
- 16. Bid Prices and Discounts**
- 16.1 The Contract shall be for the whole Works, as described in ITB Sub-Clause 1.1, based on the priced Activity Schedule/Bill of Quantities³ submitted by the Bidder.
- 16.2 Bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities.⁴ Items for which no rate or price is entered by Bidders, shall not be paid for by the Public Entity when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
- 16.3 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 14 days prior to the deadline for submission of bids, shall be included in the rates, prices, and total Bid price submitted by Bidders.⁵
- 16.4 The price to be quoted in the Bid Submission Form shall be the total price of bid after any discount offered.
- The discount if any and the conditions of its application shall be indicated separately.
- 17. Currencies of Bid and Payment**
- 17.1 The bid price and rates shall be in Namibian Dollars and fixed for the duration of the contract unless otherwise **specified in the BDS**.
- 17.2 Unless otherwise **specified in BDS** interim payment for Plant and Material on site is applicable as per GCC 39.7.
- 18. Documents Comprising the Technical Proposal**
- 18.1 The Bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in the Bidder Qualification Form (section IV), in sufficient details to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time.
- 19. Period of Validity of Bids**
- 19.1 Bids shall remain valid for a period **specified in the BDS**. The Bid Validity period should not exceed 180 days.

³ In lump sum contracts, delete "priced Bill of Quantities" and replace with "priced Activity Schedule."

⁴ In lump sum contracts, delete "described in the Bill of Quantities" and replace with "described in the drawings and specifications and listed in the Activity Schedule."

⁵ In lump sum contracts, delete "rates, prices, and."

19.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing.

20. Bid Security/Bid Securing Declaration

20.1 The Bidder shall furnish either a subscription to a Bid Securing Declaration or a Bid Security in its original form with its bid as part of its bid, if so **required in the BDS**.

20.2 Bid Security shall be in the form of a Bank Guarantee from a local commercial bank as per the format contained in section IV and shall be valid for a period of 30 days beyond the validity period of the bid or beyond any period of extension.

20.3 Any bid not accompanied by an enforceable and substantially compliant Bid Security or a subscription to a Bid Securing Declaration in the Bid Submission Form, if required in accordance with ITB 20.1, shall be rejected by the Employer as non-responsive.

20.4 Bid Security shall be forfeited or the Bid Securing declaration exercised for non-compliance on the part of the Bidder for reasons mentioned in the Bid Security format contained in Section III or the Bid Suring Declaration contained as Appendix to the Bid Submission Form.

21. Format and Signing of Bid

21.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB 13.1 and clearly mark it "ORIGINAL". In addition, the Bidder shall submit the number of copies **as specified in the BDS**, clearly mark with the label "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

21.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

22. Sealing and Marking of Bids

22.1 Bidders may always submit their bids by mail or by hand. Procedures for submission, sealing and marking are as follows:

- (a) Bidders submitting bids by mail or by hand shall enclose the original and each copy of the Bid, including alternative bids, if permitted in accordance with ITB 15, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY." These envelopes containing the original and the copies shall then be enclosed in one single envelope. The rest of the procedure shall be in accordance with ITB sub-Clauses

22.2.

22.2 The inner and outer envelopes shall:

- (a) bear the name and address of the Bidder;
- (b) be addressed to the Employer as indicated in ITB 22.1;
- (c) bear the specific identification of this bidding process indicated in accordance with ITB 1.1; and
- (d) bear a warning not to open before the time and date for bid opening.

23. Deadline for Submission of Bids

23.1 Bids shall be delivered to the Employer at the address and no later than the time and date **specified in the BDS**.

The Employer may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Document in accordance with ITB 10.

24. Late Bids

24.1 Late bids shall not be considered. They will be returned unopened

25. Withdrawal, Substitution, and Modification of Bids

25.1 No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.

26. Bid Opening

26.1 The Employer shall open the bids at the time place and address **specified in the BDS** in the presence of Bidders' designated representatives who choose to attend.

26.2 The bidders' names, the Bid Prices, the total amount of each bid, any discounts, any alternative bid, bid modifications and withdrawals, the presence or absence of bid security, and such other details as the Employer may consider appropriate, will be announced and recorded by the Employer at the opening.

E. Evaluation and Comparison of Bids

27. Confidentiality

27.1 Information relating to the examination, evaluation, comparison, and post-qualification of bids and recommendation of contract award, shall not be disclosed to Bidders or any other person not officially concerned with such process.

27.2 Any attempt by a Bidder to influence the Employer in the evaluation of the bids or Contract award decisions may result in the rejection of its bid.

28. Clarification of Bids

28.1 To assist in the examination, evaluation, and comparison of the bids, and qualification of the Bidders, the Employer may, at its discretion, ask any Bidder for a clarification of its bid. No

change in the prices or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetical errors discovered by the Employer in the evaluation of the bids, in accordance with ITB 31.

- 29. Determination of Responsiveness**
- 29.1 The Employer's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB13.
- 29.2 A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission.
- 29.3 The Employer shall examine the technical aspects of the bid submitted in accordance with ITB 18, Technical Proposal, in particular, to confirm that all requirements of Section V (Employer's Requirements) have been met without any material deviation, reservation or omission.
- 29.4 If a bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by the Employer and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.
- 30. Nonconformities, Errors, and Omissions**
- 30.1 Provided that a bid is substantially responsive, the Employer may waive any non-material non-conformity in the bid, request that the Bidder submit the necessary information or documentation, to rectify nonmaterial nonconformities in the bid related to documentation requirements but not related to any aspect of the price of the bid; and shall rectify quantifiable nonmaterial nonconformities related to the Bid Price.
- 31. Correction of Arithmetical Errors**
- 31.1 Provided that the bid is substantially responsive, the Employer shall correct arithmetical errors on the following basis:
- (a) only for unit price contracts, if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

- 32. Margin of Preference** 32.1 **Unless otherwise specified in the BDS**, Margin of preference shall not apply.
- 33. Evaluation of Bids** 33.1 The Employer shall use the criteria and methodology defined in this clause and no other evaluation criteria or methodologies shall be permitted.
- 33.2 To evaluate a bid, the Employer shall consider the following:
- (a) the bid price, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities for admeasurement contracts or Schedule of Prices for lump sum contracts, but including Daywork items, where priced competitively; and
 - (b) price adjustment for correction of arithmetic errors, discounts, non-conformities, due to the supplementary criteria as defined in Section III, and Margin of Preference, if applicable.
- 33.3 If this Bidding Document allows Bidders to quote separate prices for different contracts, and to award multiple contracts to a single Bidder, the methodology to determine the lowest evaluated price of the contract combinations, including any discount offered in the Bid Submission Form, is specified in Section III (Evaluation and Qualification Criteria).
- 33.4 If the bid for an admeasurement contract, which results in the lowest Evaluated Bid Price, is seriously unbalanced, front loaded or substantially below updated estimates or if any item in the Priced Activity Schedule is front loaded or contains an erroneous amount in the opinion of the Employer, the Employer may after clarification require the Bidder to produce detailed price analysis for any or all items that the amount of the performance security be increased at the expense of the Bidder.
- 34. Comparison of Bids** 34.1 The Employer shall compare all substantially responsive bids in accordance with ITB 33 to determine the lowest evaluated bid.
- 35. Qualification of the Bidder** 35.1 The Employer shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated substantially responsive bid meets the qualifying criteria.
- 36. Employer's Right to Accept Any Bid, and to Reject Any or All Bids** 36.1 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

37. Award Criteria 37.1 Subject to ITB 36.1, the Employer shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

38. Notification of Award 38.1 Prior to the expiration of the period of bid validity, the Employer shall, for contract amount above the prescribed threshold of N\$ 2 M, notify the selected bidder of the proposed award and accordingly notify unsuccessful bidders. Subject to Challenge, the Employer shall notify the selected Bidder, in writing, by a Notification of award for award of contract. The Notification of award shall specify the sum that the Employer will pay the Contractor in consideration of the execution and completion of the Works (hereinafter and in the Conditions of Contract and Contract Forms called “the Contract Price”) and the requirement for the Contractor to remedy any defects therein as prescribed by the Contract. Within seven days from the issue of notification of award, the Purchaser shall publish on the Public Procurement Portal (www.mof.gov.na/procurement-policy-unit) and the Purchaser’s website, the results of the Bidding Process identifying the bid and lot numbers and the following information:

(i) name of the successful Bidder, and the Price it offered, as well as the duration and summary scope of the contract awarded; and

(ii) an executive summary of the Bid Evaluation Report.

38.2 Until a formal contract is prepared and executed, the notification of award shall constitute a binding Contract.

39. Signing of Contract 39.1 Promptly upon issue of notification of award, the Employer shall send to the successful Bidder the Contract Agreement.

39.2 Within thirty (30) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Employer.

- 40. Performance Security**
- 40.1 Within thirty (30) days of the receipt of the notification of award from the Employer, the successful Bidder shall furnish the Performance Security in accordance with the conditions of contract, using for that purpose the Performance Security Form included in Section VIII (Contract Forms).
- 40.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or to sign the Contract Agreement within the prescribed delay shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.
- 41. Advance Payment and Security**
- 41.1 The Public Entity shall provide an Advance Payment on the Contract Price as stipulated in the GCC, subject to a maximum amount, **as stated in the BDS**. The Advance Payment shall be guaranteed by a security as per the format contained in Section VIII.
- 42. Plant and Materials on site**
- 42.1 Unless otherwise **specified in BDS** interim payment for Plant and Material on site is applicable as per GCC 39.7.
- 43. Debriefing**
- 43.1 The Purchaser shall promptly attend to all debriefing for the contract made in writing and within 30 days from the date of the publication of the award or date the unsuccessful bidders are informed about the award.

Section II. Bidding Data Sheet (BDS)

The following specific data for the works to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

A. General	
ITB 1.1	<p>The Public Entity is: <i>Kunene Regional Council (KRC)</i></p> <p>The Work is: <i>Construction of the New Okanguati Settlement Office Building (phase 01b) on Erf 350 and 364, Okanguati, Kunene Region.</i></p> <p>The name and identification of the Contract is: <i>W/ONB/KRC-02/2022</i></p> <p>The Project is: <i>Construction of the New Okanguati Settlement Office Building (phase 01b)</i></p>
ITB 1.2	The Intended Completion period is: <i>180 days from start date.</i>
ITB 2.1	The Funding Agency is: <i>Kunene Regional Council</i>
ITB 5.3	<p>A list of firms debarred from participating in Public Procurement in Namibia is available at <i>http://www.mof.gov.na/procurement-policy-unit</i></p> <p>A list of firms debarred by World Bank is available at: <i>http://www.worldbank.org/debarr</i></p>
ITB 6.2	The information required from bidders in ITB Sub-Clause 5.2 is modified as follows: <i>None.</i>
ITB 6.2 (d)	Contractors should have at least <i>five (5) years</i> of experience for works.
ITB 6.3 (a)	The Contractor must have a minimum average annual financial amount of construction of <i>N\$ 10,0 million</i> over the last <i>five (5) years.</i>
ITB 6.3 (b)	<p>The number of works is: <i>Three (3) 100% completed similar in nature.</i></p> <p>The period is: <i>Five (5) years.</i></p>
ITB 6.3 (c)	<i>Contractor to provide list of all essential equipment to complete work.</i>
ITB 6.3 (d)	<p><i>Bidder shall provide a detailed CV of the following key staff to be assigned for this project:</i></p> <ul style="list-style-type: none"> - <i>Project/Contract Manager: at least five (5) years of experience</i> - <i>Site Foreman: at least three (3) years of experience</i>
ITB 6.3 (e)	The minimum amount of liquid assets and/or credit facilities net of other contractual commitments of the successful Bidder shall be <i>15 % of the contract amount.</i>

B. Bidding Documents

ITB 8.1	<p>The Public Entity's address for clarification is:</p> <p><i>Kunene Regional Council Procurement Management Unit Mbumbiazo Muharukua Street Private Bag 502 Opuwo Tel: +264 65 273 950 Email: pmu@kunenerc.gov.na Opuwo, Kunene Region</i></p> <p><i>Attention: Ms. Sendra Nakale</i></p>
ITB 9.2	<p>No pre-bid sites visit, or site data arranged; bidder is advised to contact & arrange with KR Council should they need to inspect the site during the bidding period.</p>

C. Preparation of Bids

ITB 13.1(e)	<p>The following documentary evidence is required:</p> <ol style="list-style-type: none"> 1. have a valid certified copy of company Registration Certificate; 2. have an original valid or certified copy of good Standing Tax Certificate; 3. have an original valid or certified copy good Standing Social Security Certificate; 4. have a valid certified copy of Affirmative Action Compliance Certificate, proof from Employment Equity Commissioner that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998; 5. have a certified copy of certificate indicating SME Status (for Bids reserved for SMEs); 6. Owner of the company must attached certified copy of National Identification card. 7. An undertaking on the part of the Bidder that the salaries and wages payable to its personnel in respect of this proposal are compliant to the relevant laws, Remuneration Order, and Award, where applicable and that it will abide to sub-clause 4.6 of the General conditions of Contract if it is awarded the contract or part thereof; and; 8. Attach proof of confirmation of account from a Namibian Banking Institution. 9. Attach the lease agreement in case of leasing equipment.
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	10. Preference shall be given to bidders operating within Kunene Region where the works are required. Therefore, attach a confirmation letter from the Councilor's Office (not older than two months) or fitness certificate from the Local Authority in Kunene Region.
ITB 17.1	The Contract is not subject to price adjustment in accordance with GCC Clause 44.
ITB 17.2	Interim Payment for material on site <i>is</i> applicable for <i>80%</i> of the value of material delivered to site.
ITB 19.1	The Bid shall be valid for <i>180 days</i> after the deadline set for the submission of bid, the deadline being counted as day one of the validity period.
ITB 20.1	<i>No Bid Security is required, the Bid Securing Declaration Form to be completed and signed instead.</i>
D. Submission and Opening of Bids	
ITB 21.1	In addition to the original of the bid, the required number of copies is: <i>One (1)</i>
ITB 23.1	The deadline for submission of bids shall be <i>Friday, 30 September 2022 @ 11h00.</i>
ITB 23.1	The Employer's address for the purpose of Bid submission is: <i>Kunene Regional Council Procurement Management Unit Mbumbiazo Muharukua Street Private Bag 502 Opuwo Tel: +264 65 273 950 Email: pmu@kunenerc.gov.na Opuwo, Kunene Region Attention: Ms. Sendra Nakale</i>
ITB 26.1	The bid opening shall take place at <i>Kunene Regional Council.</i> Date: <i>Friday, 30 September 2022 @ 11h30.</i>
E. Evaluation and Comparison of Bids	
ITB 29.2	<i>A substantially responsive bid is one, which conforms to the terms, conditions, and specifications of the bidding documents without material deviation, reservation, qualification or omission. A material</i>

	<p><i>deviation or qualification is one which, in the opinion of the Kunene Regional Council;</i></p> <p><i>1. Could detrimentally affect the scope, quality or performance of the works to be constructed; or</i></p> <p><i>2. Changes the Employers or the Contractor's risk and responsibilities under the contract; or</i></p> <p><i>3. Would affect the competitive position of other bidders presenting a responsive bid.</i></p> <p><i>Hence, only substantially responsive bids will be considered for further technical and financial evaluations as per the set evaluation criteria.</i></p>
ITB 32.1	<p><i>A margin of preference shall apply. Please refer to Section III – evaluation criteria of the bidding document for details.</i></p>
ITB 33.2	<p>To evaluate a bid, the Employer shall apply the evaluation procedure specified in ITB 33.1 for each compliant bidder with respect to methodology specified in section III – evaluation</p> <p>(a) Bid prices shall be adjusted for arithmetic errors in terms of clause IB 31.</p> <p>(b) Bid rates and bid prices will be evaluated against reasonable standard benchmark rates.</p> <p><i>Bidders whose bid amount varies by more than 15% (up or down) from the respective standard benchmark bid amount shall be deemed to be non-compliant and shall be rejected.</i></p>
ITB 35	<p>The Employer shall determine to their satisfaction whether the bidder that is recommended in accordance with ITB 33 meets the qualifying criteria.</p>
F. Award of Contract	
ITB 40.1	<p>The Standard Form of Performance Security acceptable to the Public Entity shall be “a Bank Guarantee”. The Bank guarantee shall be 10% of the contract price inclusive of the provisional and contingencies sum and VAT.</p>
ITB 41.1	<p><i>No advance payment will be made for this contract.</i></p>
ITB 42.1	<p>Interim Payment for Plant and Material on site is applicable. 80% of the delivered material value will be paid.</p>

Section III - Evaluation Criteria

This section contains supplementary criteria that the Employer shall use to evaluate bids.

1. Evaluation

In addition to the criteria listed in ITB 32.1 and ITB 33.2 of section II “bidding data sheet”, (BDS) the following margin of preference and evaluation criteria shall apply:

		Max Marks
Implement the empowerment and industrialization policies of Government		100
Local bidder		40
Women		20
Youth (age 18 – 35)	Female	20
	Male	20

2. Evaluation Procedures and Selected Criteria

(a) Bid Validity and Compliance

Received Bids will be examined to determine whether or not they substantively comply with the requirements of the Bid Documents. A substantively complying Bid is one which complies with the rules, terms and conditions of the Bid Documents, without any material deviation in the sole opinion of the Employer. A non-complying bid will be rejected and may not subsequently be altered to comply by correction of any non-conformity.

The Employer’s determination of a bid’s responsiveness will be based on the required contents as defined in ITB13 of the bid document.

Bids will secondly be examined to determine whether they have been submitted by well-established contractors with the necessary experience and the financial, human and material resources to satisfactorily execute the Contract. For this purpose the various forms and other information required under Section IV (**Qualification Information**) of the bid document will be utilised. Bidders are at liberty to submit with their bid any other information which they consider would be relevant to the bid evaluation.

The Employer reserves the right to check the information provided by the Bidder. In the event that the Bidder supplied wrong information, the Employer reserves the right to reject the Bid.

The Employer reserves the right to disqualify bidders that are not within +/-15% of the market related Price.

N.B. It’s the responsibility of the bidder to make sure that the bid response document is clear, logical and well structured. Kunene Regional Council will not take responsibility for any missing information or incomplete documents.

(b) Adequacy of Technical Proposal

Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity to mobilize key equipment and personnel for the contract consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section V (Employer's Requirements).

The Employer will examine the technical aspects of the bid submitted in accordance with ITB 18, Technical Proposal, in particular, to confirm that all of the Employer's Requirements have been met without any material deviation, reservation or omission.

The typical evaluation scorecard presented in a table below will be used for the technical evaluation of bids and the selected evaluation criteria are intended to assess the competency of the bidder to achieve the required project outcome and are used to rate each of the bidders.

Technical scores will be calculated in accordance with the following formula and only bidders with a total technical score of **at least 60%** will be considered for financial evaluation:

$$TS = (T_F + T_X + T_C + T_M + T_N + T_D + T_P)$$

ITEM	Non-Price Attributes	Max Points	Bidding Forms	Clauses In Sec I: ITB & Sec II: BDS
	Technical/Capacity/ Attributes			
T _F	Financial Resources/ Capacity	20		
	Average annual turnover	5	Section IV	ITB6.2(b)
	Total asset value	5		ITB6.3(a)
	Line of Credit/ Banking Rating	5		ITB6.3(e)
	Letter of undertaking: perform Bond	5		ITB6.2(g) ITB6.2(f) ITB6.2(h)
T _X	Relevant Experience	30		
	Comply with experience requirements and sufficiency of bid documentation	20	Section IV	ITB18.1
	References/ Ratings by client	5		ITB6.3 (b)
	Previous 3 years contracts	5		ITB6.2(b)
T _C	Relevant competence: staff	10		
	Competence of support staff	2	Section IV	ITB6.2(e)
	Contract managers	2		ITB6.3(d)
	Site agents	2		ITB6.3(d)
	Foreman	2		ITB6.3(d)
	Surveyor	2		ITB6.2(e)
T _M	Mechanical plant capacity	20		
	- As per BDS ITB6.3(c)	18	Section IV	ITB6.3(c)
	- Mechanics & workshops	2		ITB6.2(e)
T _N	Namibian content status - Namibian supplier: compliance with definition S/clause (d) 1. Below, eg if 100% Namibian = 10, if 50% Namibian = 5, if 0% Namibian = 0	10	Section IV	ITB6.2(a)
T _D	SME status - SME Registration Certificate	5	Section IV	ITB13.1(5)

TP	PDN status: compliance with definition S/c clause (d) 3. Below - % ownership PDN, eg points if 100% PDN = 5, if 50% PDN = 3, if 0% PDN = 0	5	Section IV	ITB6.2(a)
TS	Technical scores	100		

(c) Financial Proposal

The price is the sum that the client would be required to pay to the tenderer for the work or service provided. This must include all costs over the duration of the contract. Depending on the contract, this could include:

- fixed capital cost;
- time related costs during the contract period;
- special adjustments during the contract period;
- maintenance costs; and
- operating costs.

Price score will be calculated as follows:

- $PS = (PL/PN) \times 100$
- Where:

P_L = tender price of the lowest acceptable tender

P_N = tender price under consideration

Please note that the value of fixed P&G's may not be more than 15% of the total contract value (excluding contingencies and VAT) and the total P&G's (fixed + time related) may not be more than 20% of the total contract value (including contingencies and VAT). Should the bidder exceed this limit in his financial offer, the Employer reserves the right to consider these bid amounts to be unbalanced and request justification.

(d) Bid Index (IB)

The Bid Index (IB) is the final evaluated result of each Bidder as per the specified and approved weight of financial and technical evaluations.

$$IB = a \times PS + b \times TS,$$

Where:

P_S = Price score

T_S = Technical score

"a" is allocated weight for price score (PS) and "b" is the allocated weight for Technical Score (TS).

For this project the selected bid index weighting will be 60% for the technical score and 40% for financial score:

$$IT = 0.6 \times P_s + 0.4 \times T_s$$

(e) **Margin of Preference**

National Preferences: 100% Namibian owned companies only

3. Written acknowledgement and acceptance

The Bidder must complete the below form in full to acknowledge and accept the employer's specific requirements and evaluation criteria for this project.

Date: [Day|month|year]

Procurement Ref No.:

We, the undersigned, declare that we acknowledge and accept

- a) That according to ITB 29, the responsiveness of the bid will be determined based on the contents and requirements of the SBD as defined in ITB13.
- b) That all the required technical information and requirements must be met for our bid to be responsive.
- c) For our Bid to be determined responsive, our Bid must score at least 60% on technical evaluation as per the set criteria.
- d) That the bid will be deemed to be non-responsive if;
 - The Bid Price is 15% above or below the estimated project cost
 - The value of the fixed P&G's exceeds 15% of the total contract value (excluding contingencies and VAT)
 - The total P&G's (fixed + time related) exceeds 20% of the total contract value (including contingencies and VAT).

Name:

In the capacity of:

Signed:

Duly authorized to
sign the Bid for and
on behalf of:

Date:

Seal of Company

Section IV - Bidding Forms

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Bid Submission Form

Date: _____

Bidder's Reference No.: _____

Procurement Reference No: **W/ONB/KRC-02/22**

To:

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) Clause 10;
- (b) We offer to execute in conformity with the Bidding Documents the following Works:
_____;
- (c) The total price of our Bid after discounts, if any, offered in item (d) below is:

_____;
- (d) The discounts offered and the methodology for their application are:

_____;
- (e) Our bid shall be valid for a period of _____ from the date fixed for the bid submission deadline in accordance with the Bidding Documents (*ITB 19.1*), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) We hereby confirm that we have read and understood the content of the Bid Securing Declaration attached hereto and subscribe fully to the terms and conditions contained therein, if required. We understand that non-compliance to the conditions mentioned may lead to disqualification.
- (g) If our bid is accepted, we commit to obtain a Performance Security and a Preference Security (if applicable) in accordance with the Bidding Document;
- (h) We, including any subcontractors or suppliers for any part of the contract, do not have any conflict of interest in accordance with ITB 5.2;
- (i) We are not participating, as a Bidder in more than one bid in this bidding process other than alternative offers submitted in accordance with ITB 15;
- (j) Our firm, its affiliates or subsidiaries, including any Subcontractors or Suppliers for any part of the contract, has not been declared ineligible under the laws of Namibia;

PART 1:

Section IV- Bidding Form

W/ONB/KRC-02/2022

- (k) We are not a government owned entity / We are a government owned entity but meet the requirements of ITB 5.4;⁶
- (l) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (m) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive; and
- (n) If awarded the contract, the person named below shall act as Contractor's Representative:

Name: _____

In the capacity of: _____

Signed: _____

Duly authorised to
sign the Bid for and
on behalf of: _____

Date: _____

Seal of Company _____

⁶ Use one of the two options as appropriate.

Appendix to Bid Submission Form

Bid Securing Declaration

(Section 45 of Act)
(Regulation 37(1)(b) an 37(5))

Date:

Procurement Ref No.:

To:

I/We* understand that in terms of section 45 of the Act a public entity must include in the bidding document the requirement for a declaration as an alternative form of bid security.

I/We* accept that under section 45 of the Act, I/we* may be suspended or disqualified in the event of:

- (a) a modification or withdrawal of a bid after the deadline for submission of bids during the period of validity;
- (b) refusal by a bidder to accept a correction of an error appearing on the face of a bid;
- (c) failure to sign a procurement contract in accordance with the terms and conditions set forth in the bidding document, should I/We* be successful bidder; or
- (d) failure to provide security for the performance of the procurement contract if required to do so by the bidding document.

I/We* understand this bid securing declaration ceases to be valid if I am/We are* not the successful Bidder

Signed:

.....
[insert signature of person whose name and capacity are shown]

Capacity of:

[indicate legal capacity of person(s) signing the Bid Securing Declaration]

Name:

.....
[insert complete name of person signing the Bid Securing Declaration]

Duly authorised to sign the bid for and on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, _____
[insert date of signing]

Corporate Seal (where appropriate)

[Note*: In case of a joint venture, the bid securing declaration must be in the name of all partners to the joint venture that submits the bid.] *delete if not applicable / appropriate

Appendix to Bid Submission Form



Republic Of Namibia

Ministry of Labour, Industrial Relations and Employment Creation

WITTEN UNDERTAKING

Witten undertaking in terms of section 138 of the Labour Act, 2015 and section 50(2) (D) of the Public Procurement Act, 2015

1. Employers Details

Company Trade Name:.....

Registration Number:.....

Vat Number:

Industry/Sector:

Place of Business:.....

Physical Address:.....

Tell No.:.....

Fax No.:.....

Email Address:.....

Postal Address:.....

Full name of Owner/Accounting Officer:.....

.....

Email Address:.....

2. Procurement Details

Procurement Reference No.: **W/ONB/KRC-02/2022**

Procurement Description:

.....

.....

Anticipated Contract Duration:

Location where work will be done, good/services will be delivered:

.....

3. Undertaking

I, owner/representative

of

hereby undertake in writing that my company will at all relevant times comply fully with the relevant provisions of the Labour Act and the Terms and Conditions of Collective Agreements as applicable.

I am fully aware that failure to abide to such shall lead to the action as stipulated in section 138 of the labour Act, 2007, which include but not limited to the cancellation of the contract/licence/grant/permit or concession.

Signature:

Date:

Seal:.....

Please take note:

- 1. A labour inspector may conduct unannounced inspections to assess the level of compliance*
- 2. This undertaking must be displayed at the workplace where it will be readily accessible and visible by the employees rendering service(s) in relations to the goods and services being procured under this contract.*

Qualification Information

The information to be filled in by bidders in the following pages shall be used for purposes of verification of prequalification as provided for in ITB Clause 6. The relevant information shall be incorporated in the Contract. The Bidder shall attach additional pages as necessary. Where applicable a full translation into English shall be attached of all attached documents.

1. Individual Bidders or Individual Members of Joint Ventures

- 1.1 Constitution or legal status of Bidder: *[attach copy]*
Place of registration:.....
Principal place of business:.....
Evidence of signatory authorized to sign the bid: *[attach]*
- 1.2 Annual amounts of construction work performed during the last *Five (5)* years: N\$.....
- 1.3 Number at least *three (3)* works of a similar nature and amount to the Works performed as prime Contractor over the last *Five (5)* years. *Also list details of work under way or committed, including expected completion date(s).*

Project/Contract name and country	Name of client and contact person	Type of work performed and year of completion	Value of contract in NAD
(a)			
(b)			
(c)			
(d)			
(e)			

In substantiation to Clauses 1.2 and 1.3 above, the Bidder shall submit with his bid Letters of Satisfaction and/or Completion Certificates from Principal Agents/client for projects successfully completed previously.

- 1.4 Major items of Contractor's Equipment proposed for carrying out the Works. *Refer also to ITB Sub-Clause 6.3 (c).*

As per ITB Sub-Clause 6.3 (c), the Bidder shall complete the below

table. When owned by the Bidder, proof of ownership shall be attached to the Bid Documentation. When not owned by the Bidder, valid lease and/or hire purchase agreements for the relevant plant shall be attached to the Bid Documentation, which provides the Procurement Reference Number, the type of plant considered, the period of validity of the agreement, the period of availability of the plant and the shortest period of time within which the plant can be delivered to Site.

Item of equipment	Description, make, and age (years)	Condition (new, good, poor) and number available	Owned, leased (from whom?), or to be purchased (from whom?)
(a)			
(b)			
(c)			
(d)			
(e)			
(f)			
(g)			
(h)			
(i)			
(j)			
(k)			
(l)			

1.5 Qualifications and experience of key personnel proposed for administration and execution of the Contract. (*Attach biographical data. Refer also to ITB Sub-Clause 6.3 (d).*)

Position	Name	Years of experience (general)	Years of experience in proposed position
(a) Contract Manager:			
(b) Assistant Contract Manager:			
(c) Site Supervisor:			
(d) Site Agent			
(e) Safety Officer:			

PART 1:

Section IV- Bidding Form

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(f) Pipe Lay Foreman:			
(g) Concrete Foreman:			
(h) Surveyor			
(i) Other (specify):			

1.6 Proposed subcontracts and firms involved. Refer to General Conditions of Contract Clause 7.

Sections of the Works	Value of subcontract	Subcontractor (name and address)	Experience in similar work
(i) Administrative Staff			
(j) Artisans			
(k) Semi-skilled Labour			
(l) Unskilled Labour			

1.7 Financial reports for the last *three (3)* years: Financial Statements, Audited Accounts, etc. (*List below and attach copies.*)

1.8 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List below and attach copies of support documents.

1.9 Name, address, and telephone, telex, and facsimile numbers of banks that may provide references if contacted by the Public Entity.

1.10 Information on current litigation(s) in which the Bidder is involved.

Other party(ies)	Cause of dispute	Amount involved
(a)		
(b)		
(c)		
(d)		
(e)		
(f)		
(g)		
(h)		

- 1.11 **Proposed Program (work method and schedule).** Descriptions, drawings, and charts, as necessary, to comply with the requirements of the Bidding Documents.

Bidder shall submit, together with this Bid, a **chronological works program in form of a Gantt chart** as described in Section V.

- 1.12 **Methodology Statement:** The Bidder shall submit, together with this Bid, a separate document, describing how he intends to execute, manage and control the various activities of the works within the specified completion period, according to the required specifications, should he be the successful Contractor.

In chronological order, the bidder is to describe in detail the proposed plant, equipment and labour to be used for each construction activity. The Bidder is to indicate which plant is intended to serve on more than one activity and provide a contingency plan in case of a breakdown of plant. The mode of transport of the various materials to site shall be stated taking into consideration the quality and state of the roads during the construction period.

The project program and Methodology Statement will form the bid technical evaluation and Failure to submit may result in disqualification of the Bid.

2. Additional Requirements

- 2.1 Bidders should provide any additional information requested in the Bidding Document.

Bill of Quantities

The Bills of Quantities are attached as a separate document to the Bidding Document and should be completed by all Bidders. The Bills of Quantities have been included under **Annexure I**. The Bills of Quantities consists of:

1. Bills of Quantities (Preliminaries/ Building work/ External work/ Specialist work)
2. Annexure A – Electrical Installation
3. Annexure B – Heating, Ventilation, and Air-conditioning (HVAC) Installation

PART 2 – Employer's Requirements

ANNEXURE A – ACTIVITY SCHEDULE

PROVISIONAL BILLS OF QUANTITIES

FOR

KUNENE REGIONAL COUNCIL

FOR

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE
PHASE 1: FENCE, BUILDING & SERVICES, IN KUNENE
REGION, NAMIBIA**



JULY 2022

BILLS OF QUANTITIES

FOR

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE

PHASE 1B: FENCING, BUILDING & SERVICES

SITUATED IN KUNENE REGION, NAMIBIA

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	<p><u>Quantity Surveyor</u></p> <p>Quantity Surveyor shall mean JL Quantity Surveyors Incorporated PO Box 81643, Olympia, Windhoek. Telephone No. 081366 8101 E-mail ntando@jlqs.com.na</p> <p><u>Consulting Structural Engineers</u></p> <p>Consulting Engineers shall mean Lithon Project Consultants (Pty) Ltd PO Box 40902, Ausspennplatz, Windhoek. Telephone No. 061- 250 278 E-mail cilliers.steyn@lithon.com</p> <p>Contractor</p> <p>Contractor shall mean the successful bidder appointed by the Employer, who shall execute the Works described in these Bills of Quantities.</p> <p><u>NOTES</u></p> <p>i) The General Conditions of Contract under section six of the Public Procurement Act, 2015 shall be the form approved and recommended by the Ministry of Finance, Namibia Institute of Architects, the Institute of Namibian Quantity Surveyors and the Construction Industry Federation of Namibia.</p> <p>ii) The Model Preliminaries as recommended and published by the Institute of Namibian Quantity Surveyors, 2016 edition and shall be deemed to be incorporated herein.</p>	Item		
	Carried to Collection		N\$	
	Bill No. 1 PRELIMINARIES JL QUANTITY SURVEYORS INC. JULY 2022			

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

iii)	Bidders are referred to the above mentioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.			
iv)	Where standard clauses or alternatives are not applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading.			
v)	Where N/A appears opposite any clause, such clause as detailed in the standard documents referred to is NOT APPLICABLE to this contract.			
vi)	Where the designation "Architect" and "Principal Agent" is mentioned in the Model Preliminaries document, and in the items detailed below, it shall be deemed to refer to the "Project Manager".			
<u>SECTION A : GENERAL CONDITIONS OF CONTRACT</u>				
<u>A. GENERAL</u>				
A	Clause 1: Definitions	Item		
B	Clause 2: Interpretation	Item		
C	Clause 3: Language and Law	Item		
D	Clause 4: Project Manager's Decisions	Item		
E	Clause 5: Delegation	Item		
F	Clause 6: Communications	Item		
Carried to Collection			N\$	
Bill No. 1 PRELIMINARIES JL QUANTITY SURVEYORS INC. JULY 2022				

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>B. TIME CONTROL</u>				
A	Clause 25: Program	Item		
B	Clause 26: Extension of Intended Completion Date	Item		
C	Clause 27: Acceleration	Item		
D	Clause 28: Delays Ordered by the Project Manager	Item		
E	Clause 29: Management Meetings	Item		
F	Clause 30: Early Warning	Item		
<u>C. QUALITY CONTROL</u>				
G	Clause 31: Identifying Defects	Item		
H	Clause 32: Tests	Item		
J	Clause 33: Correction of Defects	Item		
K	Clause 34: Uncorrected Defects	Item		
<u>D. COST CONTROL</u>				
L	Clause 35: Contract Price	Item		
M	Clause 36: Changes in the Contract Price	Item		
N	Clause 37: Variations	Item		
P	Clause 38: Cash Flow Forecasts	Item		
Q	Clause 39: Payment Certificates	Item		
R	Clause 40: Payments	Item		
Carried to Collection			N\$	
Bill No. 1 PRELIMINARIES JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Clause 41: Compensation Events	Item	
B	Clause 42: Tax	Item	
C	Clause 43: Currencies	Item	
D	Clause 44: Price Adjustment	Item	
E	Clause 45: Retention	Item	
F	Clause 46: Liquidated Damages	Item	
G	Clause 47: Bonus	Item	
H	Clause 48: Advance Payment	Item	
J	Clause 49: Securities	Item	
K	Clause 50: Dayworks	Item	
L	Clause 51: Cost of Repairs	Item	
M	Clause 52: Labour Clause	Item	
	<u>E. FINISHING THE CONTRACT</u>		
N	Clause 53: Completion	Item	
P	Clause 54: Taking Over	Item	
Q	Clause 55: Final Account	Item	
R	Clause 56: Operating and Maintenance Manuals	Item	
S	Clause 57: Termination	Item	
T	Clause 58: Fraud and Corruption	Item	
	Carried to Collection		N\$
	Bill No. 1		
	PRELIMINARIES		
	JL QUANTITY SURVEYORS INC.		
	JULY 2022		

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Clause 59: Payment Upon Termination	Item	
B	Clause 60: Property	Item	
C	Clause 61: Release of Performance	Item	
<u>SECTION B : SUPPLEMENTARY DOCUMENTATION</u>			
Note:			
<p>The Model Preliminaries shall be the 2016 edition of the Model Preliminaries recommended and published by the Institute of Namibian Quantity Surveyors, in consultation with the Construction Industries Federation (Namibia) and the Institute of Namibian Architects and shall be deemed to be incorporated herein wherever applicable.</p> <p>The Contractor is referred to the above mentioned document for the full description, intent and meaning of the following clauses and he must allow opposite each clause or in his rates generally for any costs in which he may be involved in executing the Works in accordance with the said Model Preliminaries.</p> <p>This document can be viewed at the offices of the Quantity Surveyor during normal office hours.</p> <p>Wherever the wording "Architect" and "Principal Agent" appears in the Model Preliminaries, the same shall be deemed to mean or "Project Manager"</p>			
<u>B4: Materials and workmanship</u>			
D	B4.1: Samples of materials		
	The Contractor shall furnish at his own cost such samples of materials and specimens of colours as may be called for by the Project Manager for his approval	Item	
Carried to Collection			N\$
Bill No. 1 PRELIMINARIES JL QUANTITY SURVEYORS INC. JULY 2022			

A	<p>B4.2: Samples of workmanship and mockups</p> <p>The Contractor shall furnish such samples of workmanship as may be called for by the Project Manager for his approval.</p> <p>Where an assembly of various elements of the buildings is required, which is not incorporated in the works, this shall be arranged by the contractor. Any cost involved shall be borne by the employer</p>	Item		
B	<p>B4.3: Ordering of materials</p> <p>Should the Bills of Quantities be used for ordering materials, this shall be entirely at the contractor's risk.</p>	Item		
	<p><u>B5: Temporary works and plant</u></p>			
C	<p>B5.2: Enclosure of works</p> <p>The Contractor shall provide, erect, alter as necessary, maintain and remove and make good at completion suitable hoardings complete with gantries, fans, safety screens, barriers, access gates, covered gangways, steel sections at crane lifts, splayed corners, returned ends, etc., all as necessary for the enclosure of the works and the protection of the general public and others.</p>	Item		
D	<p>B5.3: Pavement crossings and parking meters</p> <p>The Contractor shall pay and recover all deposits and pay all fees and charges in connections with and/or obtain permission for the suspension of parking facilities and for pavement or street encroachment and or crossings and the removal and eventual reinstatement of any local authority's parking meters.</p>	Item		
E	<p>B5.4: Advertising</p>	Item		
	<p>Carried to Collection</p>		N\$	

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

A	B5.6: Special scaffolding	Item	N\$
<p>The Contractor shall provide, maintain and remove on completion special scaffolding for areas exceeding 5m above floor level, for the use of all trades, as defined under the "Description of the Works".</p> <p>No special scaffolding is measured as these bills of quantities are based on the seventh edition of the Standard System for Measuring Building Work.</p>			
B	B5.7: Contractor's offices and sheds	Item	
<p>The Contractor shall provide and maintain temporary sheds and offices for the proper storage of materials and for the use of the workmen and shall remove such temporary sheds and offices on completion.</p> <p>Under NO circumstances may any of the existing or new buildings at any stage be used for temporary accommodation for workers, contractor's offices or the storage of materials.</p>			
C	B5.8: Offices	Item	
<p>The Contractor shall provide, maintain and remove on completion office accommodation for meetings held on site. The office shall be provided with tables and chairs sufficient for the maximum number of persons attending meetings and shall be kept clean.</p>			
D	B5.10 Main Noticeboard	Item	
<p>One noticeboard complying with the requirements of the Namibia Institute of Architects is required. The lettering shall be in English to the Project Manager's approval and shall include the crests of the relevant professional institutes and associations.</p>			
Carried to Collection			
<p>Bill No. 1 PRELIMINARIES JL QUANTITY SURVEYORS INC. JULY 2022</p>			

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	B8.4: Adjustment of preliminaries The adjustment of preliminaries will be on the basis of fixed price, value related and time related items in accordance with method 2	Item		
	<u>B9: General</u>			
B	B9.1: Protection	Item		
C	B9.2: Protection of existing and/or partially occupied works	Item		
D	B9.4: Site security	Item		
E	B9.5: Notice before covering work	Item		
F	B9.6: Disturbance	Item		
G	B9.7: Clearing and cleaning The Contractor shall ensure that all areas are kept clean and dust-free at all times.	Item		
H	B9.8: Vermin	Item		
	<u>SECTION C : SPECIFIC PRELIMINARIES</u>			
J	Workmen's Compensation Insurance The Contractor, domestic sub-contractors and selected non-nominated sub-contractors shall insure workmen in terms of the Employee Compensation Act 5 of 1995. Persons not falling under the above mentioned Act must be insured under individual Personal Accident Insurance policies to the satisfaction of the Project Manager.	Item		
	Carried to Collection		N\$	
	Bill No. 1 PRELIMINARIES JL QUANTITY SURVEYORS INC. JULY 2022			

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A Protection of trees

Only those trees as are indicated by the Project Manager shall be removed. All other trees are to be protected during the building operations and no workmen may damage these trees in any way. The Contractor is to note that some trees may occur within the area of building operations. Before removing such trees, the Contractor is to obtain specific instructions from the Project Manager as whether such trees may be removed or not.

Item

Carried to Collection

N\$

Bill No. 1
PRELIMINARIES
JL QUANTITY SURVEYORS INC.
JULY 2022

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CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

<u>Extra over excavations in "earth" to trenches and holes for:</u>				
A	Soft rock (the use of jack hammers is necessary)	m3	11	
B	Hard rock (blasting is necessary)	m3	5	
<u>CARTING AWAY OF EXCAVATED MATERIAL</u>				
C	Extra over all excavations for loading and carting away surplus excavated material to a suitable dumping ground to be located by the Contractor	m3	47	
<u>RISK OF COLLAPSE OF EXCAVATIONS</u>				
<u>Risk of collapse to side of excavation in "earth" not exceeding 1.5m deep starting from average natural, reduced or consolidated filled ground level, for:</u>				
D	Trenches and holes	m2	238	
<u>KEEPING EXCAVATIONS FREE FROM WATER</u>				
E	Allow for keeping excavations free from water		Item	
<u>FILLING</u>				
<u>Backfilling to trenches, holes, etc.</u>				
F	Selected material obtained from excavations and spread, level, water and compact to not less than 95% of the modified AASHTO maximum density in layers not exceeding 150mm and trim to level	m3	63	
<u>Filling under floors, steps, paving, etc.</u>				
G	Selected "G5" material supplied by the Contractor and spread, level, water and compact to not less than 95% of the modified AASHTO maximum density in layers not exceeding 150mm and trim to level	m3	12	
Carried to Collection				N\$
Bill No. 2 EARTHWORKS (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

COMPACTION OF SURFACES

A	Scarify top surface of existing formation in trenches and holes to a depth of 150mm and compact to not less than 95% of the modified AASHTO maximum density, to receive foundation courses, etc.	m2	75
B	Scarify top surface of existing formation to a depth of 150mm and compact to not less than 95% of the modified AASHTO maximum density, to receive surface beds, etc.	m2	78

Prescribed density tests on filling

The cost of tests will only be paid to the contractor if tests are instructed in writing by the Engineer and those tests are approved in writing by the Engineer.

The testing shall be undertaken by an independent laboratory, firm or institution nominated by the Contractor and approved by the Engineer.

The Contractor is responsible to allow for random tests on his account to ensure that he has reached the required results as specified by the Engineer.

C	"Modified AASHTO Density" (four readings per test) or other approved soil compaction test on site including all travel time and kilometre vehicle charges for technicians, transporting samples to an approved laboratory for testing and providing copies of the test results to the Project Manager and Engineer.	No	2
D	"Natural California Bearing Ratio" test (four readings per test) on site including all travel time and kilometre vehicle charges for technicians, transporting samples to an approved laboratory for testing and providing copies of the test results to the Project Manager and Engineer.	No	2

Carried to Collection

N\$

Bill No. 2
EARTHWORKS (PROVISIONAL)
JL QUANTITY SURVEYORS INC.
JULY 2022

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

WEEDKILLERS, INSECTICIDES, ETC.

Soil insecticide

A	Loosen top surface of excavation or filling under solid floors and pavings for a depth of 50mm, level and dose uniformly with approved insecticide solution, including raking over to ensure an even distribution and recompact	m2	78
B	Loosen top surface of excavation or filling under foundation footings for a depth of 50mm, including forming V-grooves, level and dose uniformly with approved insecticide solution, including raking over to ensure an even distribution and recompact	m2	124

Carried to Collection

N\$

Bill No. 2
EARTHWORKS (PROVISIONAL)
JL QUANTITY SURVEYORS INC.
JULY 2022

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

CONCRETE WORK IN SUPERSTRUCTURE

STRENGTH CONCRETE

Grade 25Mpa/19mm unreinforced concrete in:

A	Surface bed, including thickening under, cast in panels on waterproofing membrane (membrane elsewhere measured)	m3	8
B	Apron, including thickening under, cast in panels on waterproofing membrane (membrane elsewhere measured)	m3	0.3

Grade 30Mpa/19mm reinforced concrete in:

C	Slab, including beams and inverted beams	m3	2
D	Wall beams	m3	8
E	Columns	m3	0.1

SUNDRIES TO CONCRETE

Casting in of base and leveling plates and holding down bolts

F	Provide template for and embed two 5mm diameter x 40mm lugs spliced on ends, welded to and including 250mm x 200mm x 10mm thick cast in plate and including 80mm x 80mm x 8mm thick equal angle 210mm long and welded to cast-in plate, all set into side of concrete column or beam in exact position	No	8
G	Provide template for and embed IPEaa 100 steel section beam with and including 16mm diameter rod welded above IPE beam, and all cast into concrete ground beam in exact position complete	m	10

Carried to Collection

N\$

Bill No. 3
CONCRETE, FORMWORK AND REINFORCEMENT
JL QUANTITY SURVEYORS INC.
JULY 2022

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

<u>Surface treatment</u>					
A	Wood float exposed top surfaces of concrete surface beds, slabs, treads, risers, etc to receive floor tiling	m2	78		
<u>Grooves, channels, mortices, sinkings, etc in concrete</u>					
B	Drip groove to underside of concrete not exceeding 150mm girth	m	5		
<u>TEST BLOCKS</u>					
C	Concrete test cubes size 150mm x 150mm x 150mm (unreinforced) (three readings per each test) including necessary formwork, moulds, curing and testing at approved laboratory (Provisional)	No	9		
<u>FORMWORK</u>					
<u>FORMWORK TO FOUNDATIONS (PROVISIONAL)</u>					
<u>FORMWORK TO SUPERSTRUCTURE</u>					
<u>Smooth formwork to:</u>					
D	Soffit of slab not exceeding 3,5m high above bearing level	m2	9		
E	Side of wall beams	m2	23		
F	Soffit of beam exceeding 1,5m but not exceeding 3,5m high above bearing level	m2	7		
G	Sides of stub column exceeding 1,5m but not exceeding 3,5m high above bearing level	m2	4		
H	Beams not exceeding 300mm high or wide	m2	21		
Carried to Collection				N\$	
Bill No. 3 CONCRETE, FORMWORK AND REINFORCEMENT JL QUANTITY SURVEYORS INC. JULY 2022					

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

A	Edge, riser, end or reveal not exceeding 300mm high or wide	m	30		
	<u>MOVEMENT JOINTS ETC</u>				
	<u>Slip joints between horizontal concrete and brick surfaces formed of two layers of 250 micron damp proof membrane as slip joint, including cement mortar beds</u>				
B	On top of brickwork to receive concrete slab or beam not exceeding 300mm wide	m	34		
	<u>Expansion joints</u>				
C	10mm Thick vertical expansion joint between concrete and brick surfaces, not exceeding 300mm high or wide, filled with bitumen-impregnated softboard joint filler (joint sealant elsewhere measured)	m	12		
D	10mm Thick horizontal expansion joint between concrete and brick surfaces, not exceeding 300mm high or wide, filled with bitumen-impregnated softboard joint filler (joint sealant elsewhere measured)	m	84		
	<u>Horizontal construction joints through concrete</u>				
E	Between concrete surfaces not exceeding 300mm thick	m	33		
	<u>Contraction joints</u>				
F	Saw cut 3mm wide x 40mm deep in top surface of surface bed with top 20mm deep section cut 5mm wide to receive sealant (joint sealant elsewhere measured)	m	33		
Carried to Collection				N\$	
Bill No. 3 CONCRETE, FORMWORK AND REINFORCEMENT JL QUANTITY SURVEYORS INC. JULY 2022					

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

REINFORCEMENT

STEEL BAR REINFORCEMENT (PROVISIONAL)

Plain round mild steel bar reinforcement, including hoisting or lowering and fixing in position complete

A	8 - 20mm Diameter rods, stirrups, etc in concrete	t	1.41	
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FABRIC REINFORCEMENT HAVING A SURFACE THAT IS PLAIN, INDENTED OR OTHERWISE DEFORMED (MEASURED NETT)

B	Welded steel fabric ref. 395	m2	78	
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Carried to Collection

N\$

Bill No. 3
CONCRETE, FORMWORK AND REINFORCEMENT
JL QUANTITY SURVEYORS INC.
JULY 2022

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 5</u>			
	<u>MASONRY</u>			
	<u>NOTES:</u>			
	1. The Contractor is advised to refer to Trade Preambles before pricing this Bill.			
	2. The Contractor is advised that his prices for articles described by trade names or catalogue references must be based on the type and manufacture as specified and any other equivalent articles may only be used subject to written approval being obtained from the Project Manager.			

	<u>BRICKWORK IN FOUNDATIONS (PROVISIONAL)</u>			
	<u>Brickwork in 73mm solid concrete masonry units having a compressive strength of 14MPa in Class II cement mortar in:</u>			
	<u>Walls and linings</u>			
A	Half-brick walls	m2	8	
B	One-brick walls	m2	126	
	<u>Brickwork reinforcement</u>			
C	Steel fabric 75mm wide	m	69	
D	Steel fabric 150mm wide	m	1,147	
	Carried to Collection			
			N\$	
	Bill No. 5 MASONRY JL QUANTITY SURVEYORS INC. JULY 2022			

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

SUPERSTRUCTURE BRICKWORK

Brickwork in 73mm solid concrete masonry units having a compressive strength of 7MPa in Class II cement mortar in:

Walls and linings

A	Half-brick wall	m2	12
B	One-brick wall	m2	210
C	Half brick wall 220mm high as beam filling	m	16

"Corobrick Terracotta " smooth clay face bricks pointed with keyed horizontal and vertical joints in:

D	One brick wall faced and pointed on both sides	m2	11
E	Extra over ordinary brickwork for face brickwork	m2	18

Brickwork reinforcement

F	Steel fabric 75mm wide	m	45
G	Steel fabric 150mm wide	m	632

Fabricated lintels

H	100mm x 70mm prestressed concrete lintels in lengths not exceeding 3m	m	3
J	Pair of 100mm x 70mm prestressed concrete lintels in lengths not exceeding 3m laid side by side	m	3

Carried to Collection

N\$

Bill No. 5
MASONRY
JL QUANTITY SURVEYORS INC.
JULY 2022

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

Testing bricks

- A Sets of twelve bricks for testing including cost of testing and submitting reports on tests to the Architect (Provisional)

Sets 4

MISCELLANEOUS

Hoop iron ties, cramps, etc.

- B Hoop iron tie between concrete and masonry

No 27

Bagging

- C Cement wash of a 1:3 liquid cement and sand mixture applied with a brush on brick surfaces including narrow widths

m2 34

Carried to Collection

N\$

Bill No. 5
MASONRY
JL QUANTITY SURVEYORS INC.
JULY 2022

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Bill No. 5

MASONRY

COLLECTION

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Total Brought Forward	28	
Total Brought Forward	29	

Carried to Summary

N\$

Bill No. 5

MASONRY

JL QUANTITY SURVEYORS INC.

JULY 2022

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Damp proof membrane laid vertically up against brick walls	m2	34		
	<u>Apply coats of approved "ABE" bitumen fully torch-applied waterproofing, all laid strictly in accordance with the manufacturer's instructions on:</u>				
B	Screeded roof slab not exceeding 25 degrees from the horizontal, including up- or down- turns not exceeding 300mm high	m2	12		
	<u>LIQUID WATERPROOFING</u>				
	<u>Apply coats of approved "Coralflex" waterproofing paint all in accordance with the manufacturer's specifications on:</u>				
C	Cement washed brick walls	m2	34		
	<u>PROTECTIVE ROOFING PAINT</u>				
	<u>Apply coats of approved "ABE" bituminous aluminium paint on:</u>				
D	Waterproofing to roof slab	m2	12		
	<u>WATERSTOPS, JOINT SEALANTS, ETC.</u>				
	<u>Joint sealants</u>				
E	5mm x 10mm "Pro-Struct 649" sealing compound, including 10mm x 10mm bond breaker in expansion joints in surface beds	m	33		
F	Rake out and fill 6mm wide x 10mm deep joint between concrete and or brick surfaces with "Pro-struct 649" sealant	m	24		
G	Rake out and fill 10mm wide x 10mm deep joint between concrete and or brick surfaces with "Pro-struct 649" sealant	m	84		

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

Bill No. 6

WATERPROOFING

COLLECTION

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Amount

Carried to Summary

N\$

Bill No. 6
WATERPROOFING
JL QUANTITY SURVEYORS INC.
JULY 2022

Item No	Quantity	Rate	Amount
BILL NO. 7			
<u>ROOF COVERINGS, ETC.</u>			
<u>NOTES:</u>			
1.	The Contractor is advised to refer to Trade Preambles before pricing this Bill.		
2.	The Contractor is advised that his prices for articles described by trade names or catalogue references must be based on the type and manufacture as specified and any other equivalent articles may only be used subject to written approval being obtained from the Project Manager.		

<u>PROFILED SHEETING OF METAL, FIBRE-CEMENT, PLASTIC, ETC.</u>			
<u>"Klip-Lok 700 Z200" 0,58mm thick galvanised steel roof sheeting with "Chromadek" finish to colour as selected by the Architect on one side and protective primer coating on the reverse side fixed to steel purlins including fixing accessories, overlaps, end laps, short lengths, etc all in strict accordance with manufacturer's instructions</u>			
A	Sheeting laid to roof in single lengths to pitch not exceeding 25 degrees	m2	107
B	Standard barge flashing girth not exceeding 500mm	m	20
C	Standard fascia flashing girth not exceeding 500mm	m	16
D	Standard sidewall flashing girth not exceeding 500mm	m	17
Carried to Collection			N\$
Bill No. 7 ROOF COVERINGS, ETC. JL QUANTITY SURVEYORS INC. JULY 2022			

Bill No. 7
ROOF COVERINGS, ETC.
JL QUANTITY SURVEYORS INC.
JULY 2022

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CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

A	15mm x 225mm Flat pressed fascia board secured to steel roof trusses (elsewhere measured) with self tapping screws, including cut and fitted ends, etc.	m	16	
	Carried to Collection			N\$

Bill No. 8
CARPENTRY AND JOINERY
JL QUANTITY SURVEYORS INC.
JULY 2022

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

Bill No. 8

CARPENTRY AND JOINERY

COLLECTION

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Carried to Summary

N\$

Bill No. 8

CARPENTRY AND JOINERY

JL QUANTITY SURVEYORS INC.

JULY 2022

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

9.5mm Gypsum plasterboard on screw-up tee suspension grid including hangers etc, with tape fixed over joints and the whole finished with gypsum plaster trowelled to a smooth polished surface as per manufacturer's specifications and instructions. (Refer to Architect's Drawing Number 2133-103)

A	Not exceeding 1m below soffit of steel roof trusses	m2	16
B	Extra over gypsum plasterboard for 600 x 600mm access hatch	No	2
C	Extra over gypsum plasterboard ceiling for hole for 100mm diameter recessed downlighter (ceiling area not adjusted)	No	8
<u>Aluminium angle cornices</u>			
D	Owaconstruct shadowline W-trim or similar approved perimeter trims fixed at junction of ceiling and wall or column with and including any necessary timber battens	m	69

Carried to Collection

N\$

Bill No. 9
CEILINGS, PARTITIONS AND ACCESS FLOORING
JL QUANTITY SURVEYORS INC.
JULY 2022

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CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

SUPPLY AND FIX THE FOLLOWING BATHROOM FITTINGS

Soap dispensers, waste bins, toilet paper holders, etc.

A "Taurus Serra SQ3 code: 48-SD1350" stainless steel toilet roll holder, fixed to tiled brick wall complete with screws and dowels

No

3

B "Taurus Serra Bactisan code: 48-SD1981" stainless steel soap dispenser, fixed to brick wall complete with screws and dowels

No

3

Catches, cabin hooks, etc

C "Bathroom Bitler code: 4610POLS" premium collection series 4600 single robe hook, fixed to brick wall complete with screws and dowels

No

3

Carried to Collection

N\$

Bill No. 10
IRONMONGERY
JL QUANTITY SURVEYORS INC.
JULY 2022

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Bill No. 10

IRONMONGERY

COLLECTION

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Amount

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N\$

Bill No. 10
IRONMONGERY
JL QUANTITY SURVEYORS INC.
JULY 2022

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Bill No. 11

STRUCTURAL STEELWORK

COLLECTION

	Page No	Amount
Total Brought Forward	46	
Total Brought Forward	47	

Carried to Summary

N\$

Bill No. 11
STRUCTURAL STEELWORK
JL QUANTITY SURVEYORS INC.
JULY 2022

Item No	Quantity	Rate	Amount
BILL NO. 12			
<u>METALWORK</u>			
<u>NOTES:</u>			
1.	The Contractor is advised to refer to Trade Preambles before pricing this Bill.		
2.	The Contractor is advised that his prices for articles described by trade names or catalogue references must be based on the type and manufacture as specified and any other equivalent articles may only be used subject to written approval being obtained from the Project Management.		

<u>MINOR WORK</u>			
<u>The following in welded mild steel screens to duct and air-conditioning enclosure (As per Architect's Drawing Number 2133-403)</u>			
A	50 x 50 x 3mm SHS frame welded together	m	21
B	50 x 50 x 3mm SHS frame welded together and bolted (bolts elsewhere measured) to concrete or brick wall	m	27
C	50 x 3mm flat bars welded on	m	198
Carried to Collection			N\$
Bill No. 12 METALWORK JL QUANTITY SURVEYORS INC. JULY 2022			

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Double gate size 1645 wide x 2371mm high overall, formed of 50mm x 50mm x 3mm thick SHS section framing all round and filled in with 50 x 3mm thick horizontal flat bars, and 50 x 50 x 3mm thick EA verticals welded to inside of frame, all framed and welded together, the gate fitted with and including six heavy duty lift-off hinges (code: IBFM414/AT) 120mm long, and hung to door frame (frame elsewhere), and including 60mm x 3mm thick flat bar 300mm long welded to right hand side gate as gate stopper and barrel bolt (code:BJ BARREL BOLT) welded to inside of left hand gate, the gate prepared to receive approved lock system complete	No	2		
B	M16 chemical anchor bolt 150mm long, bolted to concrete surface bed including forming mortice in concrete surface bed	No	27		
<u>The following in welded mild steel gates (As per Architect's Drawing Number 2133-402, 2133-001, 2133-002)</u>					
C	Rectangular hollow section post size 50mm x 25mm x 3mm thick with cap, post bolted to brick wall with 4 x 12mm rawl bolts, complete	m	5		
D	Rectangular hollow section post size 100mm x 100mm x 5mm thick with cap, post bolted to brick wall with 4 x 12mm rawl bolts, complete	m	3		
E	Pedestrian gate size 1040mm wide x 2200mm high overall formed of 100mm x 50mm x 3mm thick rectangular hollow section framing all round and filled in with 50mm x 5mm thick flat vertical bars at approximately 16mm centres, all framed and welded together, the gate fitted with and including three 100mm long heavy duty weld-on hinges and hung to door frame (frame elsewhere), gate prepared to receive and including "Dorma" narrow stile cylinder deadlock, complete	No	1		
Carried to Collection				N\$	
Bill No. 12 METALWORK JL QUANTITY SURVEYORS INC. JULY 2022					

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Electronically operated sliding gate (electric motor by others) size 5200mm x 2185mm high overall formed of 50mm x 100mm x 3mm thick rectangular hollow section outer frame with four 40mm x 40mm x 2mm thick square hollow section vertical intermediate support and filled in with thirty 50mm x 5mm thick flat vertical bars at approximately 16mm centres, all framed and welded together, with and including two heavy duty steel wheels complete with axle and welded to bottom horizontal framing with necessary reinforcement plate and filler pieces, etc, complete	No	1		
B	Gate stop comprising of 10mm thick flat bar welded to round solid steel bar (round bar elsewhere), complete	No	1		
C	Gate stop formed of 200mm x 70mm x 5mm thick flat base plate holed twice and bolted to brickwork with two 12mm rawl bolts and including 110mm x 70mm x 5mm flat bar anchor plate welded to base plate, all as per detail 08	No	1		
D	Roller guide bracket formed of 315mm x 100mm x 10mm thick plate four times holed and bolted to wall with two 12mm diameter rawl bolt, with and including two 40mm x 35mm PVC roller guide fixed to plate, all as per detail 01	No	1		
E	Gate catch formed U-shaped catch size 100mm x 75mm x 100mm high x 6mm thick plate with and including rubber buffer, all welded to vertical anchor post (post elsewhere), as per detail 06	No	1		
F	End gate catch formed of U-shaped catch size 100mm x 75mm x 100mm high x 6mm thick flat plate with and including rubber buffer, catch holed four times and bolted to brickwork including 12mm rawl bolts, all as per detail 07	No	1		
Carried to Collection				N\$	
Bill No. 12 METALWORK JL QUANTITY SURVEYORS INC. JULY 2022					

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

A Gate lock formed of 100mm x 50mm x 10mm thick flat bar holed once for 20mm diameter lock and welded to vertical frame (frame elsewhere), including 220mm x 30mm x 5mm thick flat bar holed once for 20mm diameter lock welded to vertical anchor post (post elsewhere), all as per detail 06

No

1

ALUMINIUM WORK

PURPOSE-MADE ALUMINIUM WINDOWS, DOORS, SHOPFRONTS, ETC.

NOTES:

- * Windows, doors, etc., shall be of approved standard system, manufactured by an approved firm experienced in this type of work, and shall meet with the minimum recommended performance requirements as set out by the Association of Architectural Aluminium Manufacturers of South Africa (AAAMSA) in the latest edition of the Selection Guide
- * All aluminium work is to be fixed into already plastered openings
- * The references in brackets at the start of descriptions refer to the window, etc., types as reflected on the drawings
- * The bidder MUST refer to the Architect's plans regarding door swings, etc., and junctions with other elements
- * The sight-lines on elevation of the various elements e.g. sizes of frames, mullions, transoms, etc., should be adhered to as far as is possible, but slight variations within the various proposals by tenderers will be acceptable

Carried to Collection

N\$

Bill No. 12
METALWORK
JL QUANTITY SURVEYORS INC.
JULY 2022

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

- * Unless otherwise described, the ironmongery for doors is to the Architect's approval
- * All sliding windows shall be lockable and with ironmongery to the Architect's approval
- * Any necessary timber spacers shall be selected wrot meranti and used only with the approval of the Architect. Unit prices must include for timber spacers including the painting thereof with black paint
- * All aluminum doors, door frames, and windows as per Architect's drawing 2133-400 and 2133-401

GLAZED ALUMINIUM WINDOWS

Purpose-made black powder coated aluminium windows, comprising "Nu-Klip System NK28" or similar approved aluminium sections complete, with panes factory-glazed with glass as specified, complete with aluminium square glazing beads, draft seals, friction hinges, casement fittings, handles and rubber buffers, including setting up and fixing in position and unless otherwise described, plugging and screwing to brickwork or concrete, including sealing all round on both sides with approved silicone sealant:

A	Window overall size 6300 x 1335mm high (W-01), glazed with 6.38mm clear laminated safety glass with grey solarvue XHL or similar approved, complete unit, ironmongery, etc.	No	1
B	Window overall size 6300 x 705mm high (W-02), glazed with 6.38mm clear laminated safety glass with grey solarvue XHL or similar approved, complete unit, ironmongery, etc.	No	1
C	Window overall size 600 x 900mm high (W-03), glazed with 6.38mm frosted laminated safety glass, complete unit, ironmongery, etc.	No	3

Carried to Collection

N\$

Bill No. 12
METALWORK
JL QUANTITY SURVEYORS INC.
JULY 2022

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

A	Window overall size 2295 x 1600mm high (W-04), glazed with 6.38mm clear laminated safety glass with grey solarvue XHL or similar approved, complete unit, ironmongery, etc.	No	1	
B	Window overall size 2350 x 1600mm high (W-05), glazed with 6.38mm clear laminated safety glass with grey solarvue XHL or similar approved, complete unit, ironmongery, etc.	No	1	
GLAZED ALUMINIUM DOOR UNITS				
<u>Purpose-made black powder coated aluminium doors and frames with panes factory-glazed with glass as specified, complete with aluminium clip-on glazing beads with gasket seals, rubber buffers, ironmongery as specified, including setting up and fixing in position and unless otherwise described, plugging and screwing to brickwork or concrete, including sealing all round on both sides with approved silicone sealant</u>				
C	Door size 1050 x 2440mm high overall (D01), glazed with 6.38mm clear laminated safety glass with frosted vinyl layer, complete unit, ironmongery, etc.	No	1	
D	Door size 900 x 2520mm high overall (D03), glazed with 6.38mm clear laminated safety glass with frosted vinyl layer, complete unit, ironmongery, etc. (As per Architect's Drawing Number 2133-400)	No	1	
E	Door size 1385 x 2520mm high overall (D03a), glazed with 6.38mm clear laminated safety glass with frosted vinyl layer, complete unit, ironmongery, etc. (As per Architect's Drawing Number 2133-400)	No	1	
Carried to Collection				N\$
Bill No. 12 METALWORK JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

DOOR FRAMES

Purpose-made black powder coated aluminium single door frames, comprising "Nu-Klip System NKR4" or similar approved aluminium section head and two stiles and complete with, one pair of "DCLSA code 095/76" or similar approved satin stainless steel two ball bearing butt hinges and rubber buffers and fixed in opening to and including standard galvanised steel clip rail secured in opening to partitioning wall, all in accordance with the manufacturer's instructions;

A	Frame for door without fanlight, overall size 880 x 2075mm	No	3	N\$

Carried to Collection

Bill No. 12
METALWORK
JL QUANTITY SURVEYORS INC.
JULY 2022

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

PLASTER

One coat cement plaster finished smooth with a wood float, on:

A	Brick walls	m2	149
B	Narrow widths, not exceeding 300mm wide in sloping cill	m2	1
C	Narrow widths, not exceeding 300mm wide	m2	3
D	30mm (Average) Thick weathered coping to top of one-brick wall	m	8

One coat cement plaster finished smooth with a wood float, on smooth concrete:

E	Columns and beams	m2	9
F	Columns and beams in narrow widths, not exceeding 300mm wide	m2	31

INTERNALLY

SCREEDS

Screeds finished smooth with a wood float

G	30mm Screed on concrete floor to receive floor tiles	m2	72
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GRANOLITHIC FINISH

Untinted granolithic finished smooth with a steel float:

H	30mm Finish on concrete floor	m2	8
J	75mm High grano skirtings	m	13

Carried to Collection

N\$

Bill No. 13
PLASTERING
JL QUANTITY SURVEYORS INC.
JULY 2022

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CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION

PHASE 1

<u>Metal beads, etc.</u>					
A	12mm "M-Trim code: CASE120" or similar approved tile edge strip cut to length and fixed in position, including all mitres, intersections, etc.	m	50		
B	12mm "M-Trim code: AMJ120" aluminium movement joint, cut to length and fixed in position, including all mitres, intersections, etc.	m	33		
<u>CERAMIC WALL TILES</u>					
<u>300 x 600 x 6mm Thick "Samca Oma Matt" ceramic tiles fixed with an approved tile adhesive to plaster (plaster elsewhere measured) and flush pointed with an approved tile grout with 3mm wide straight joints in both directions, including cleaning down on completion with soft soap and warm water, to:</u>					
C	Internal plastered walls (plaster elsewhere measured)	m2	36		
D	Narrow widths, not exceeding 300mm wide	m2	2		
<u>Metal beads, etc.</u>					
E	"M-Trim code: CASE080" or similar approved tile edge strip cut to length and fixed in position, including all mitr intersections, etc.	m	24		
Carried to Collection				N\$	

Bill No. 14

TILING

JL QUANTITY SURVEYORS INC.

JULY 2022

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Bill No. 14

TILING

COLLECTION

Total Brought Forward

Total Brought Forward

**Page
No**

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Amount

Carried to Summary

N\$

Bill No. 14

TILING

JL QUANTITY SURVEYORS INC.

JULY 2022

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Eaves gutters, downpipes, etc., in 0,6mm galvanised mild steel

A	100mm x 100mm Square downpipe secured to face of brickwork	m	16
B	Extra over 100mm x 100mm downpipe for shoe	No	4
C	Extra over 100mm x 100mm downpipe for offset 500mm projection	No	4

WASTE WATER

Unplasticised polyvinyl chloride (uPVC) waste, soil and vent pipes with and including plain ends and sockets jointed together with solvent cement jointing

D	40mm Outside diameter pipe	m	Rate Only
E	40mm Outside diameter pipe, chased into brick or concrete wall	m	Rate Only
F	50mm Outside diameter pipe	m	Rate Only
G	50mm Outside diameter pipe, chased into brick or concrete wall	m	Rate Only
H	110mm Outside diameter pipe	m	Rate Only
<u>Extra over 40mm diameter unplasticised polyvinyl chloride (uPVC) waste, soil and vent pipe for:</u>			
J	Bend	No	Rate Only
K	Access heel bend	No	Rate Only
L	Extra over 40mm diameter uPVC waste pipe for junction	No	Rate Only

Carried to Collection

N\$

Bill No. 15
PLUMBING AND DRAINAGE (PROVISIONAL)
JL QUANTITY SURVEYORS INC.
JULY 2022

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Extra over 50mm diameter unplasticised polyvinyl chloride (uPVC) waste, soil and vent pipe for:</u>				
A	Bend	No		Rate Only
B	Access heel bend	No		Rate Only
C	Junction	No		Rate Only
D	50mm uPVC Two way vent valve	No		Rate Only
<u>Extra over 110mm diameter unplasticised polyvinyl chloride (uPVC) waste, soil and vent pipe for:</u>				
E	Bend	No		Rate Only
F	Access heel bend	No		Rate Only
G	Access vent horn bend	No		Rate Only
H	Junction	No		Rate Only
J	Reducing junction	No		Rate Only
K	Access heel reducing junction	No		Rate Only
L	Pan connector	No		Rate Only
M	Bent pan connector	No		Rate Only
N	110mm x 40mm Strap-on Boss connector, including drilling and sealing in position complete	No		Rate Only
P	110mm x 50mm Strap-on Boss connector, including drilling and sealing in position complete	No		Rate Only
Q	100mm uPVC Two way vent valve	No		Rate Only
Carried to Collection			N\$	
Bill No. 15 PLUMBING AND DRAINAGE (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Testing</u>					
A	Allow for testing all waste water installation in accordance with statutory requirements, including making good defective work if necessary and re-testing if required		Item		Rate Only
<u>TRAPS</u>					
<u>Chrome plated traps</u>					
B	"Viega Eleganta code:5788" chromium bottle trap with seal, tail pipe, capnut and wall flange	No	2		
C	32mm x 32mm Diameter "code:340" chromium bottle trap with 75mm seal, 200mm long tail pipe, capnut and wall flange	No	1		
<u>WATER SUPPLY</u>					
<u>Class 0 (extra light) copper tubes for domestic plumbing services, including short lengths and straight couplings, jointed with and including capillary soldered fittings</u>					
D	15mm Outside diameter pipe	m			Rate Only
E	15mm Outside diameter pipe, chased into brickwork or concrete	m			Rate Only
F	22mm Outside diameter pipe	m			Rate Only
G	22mm Outside diameter pipe, chased into brickwork or concrete	m			Rate Only
<u>Extra over 15mm outside diameter class 0 (extra light) copper tube for domestic services for:</u>					
H	Fittings	No			Rate Only
Carried to Collection				N\$	
Bill No. 15 PLUMBING AND DRAINAGE (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022					

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Extra over 22mm outside diameter class 0 (extra light) copper tube for domestic services for:</u>				
A	Fittings	No		Rate Only
<u>Testing</u>				
B	Allow for testing internal water supply installation in accordance with statutory requirements, including making good defective work if necessary and re-testing if required		Item	Rate Only
<u>SANITARY FITTINGS</u>				
<u>White glazed sanitary ware</u>				
C	"Beta Consul code: TC0408A" floor mounted pan with "Beta code: CU0108A" universal front flush cistern shell and lid including "Pennyware code:41165501" Bemis 5000 toilet seat and cover complete with fitments	No	3	
D	"Beta Flair code: WF0208A) size 470 x 290mm wall hung basin with one semi-punched tap holes, supported on and including ("Adolf Schmidt code: 471400" universal fixation set and provided with chromium plated slotted basin aquawaste "code: SKU-302-32", complete	No	1	
E	"Geberit Selnova code: GEB-500.306.01.1" basin with one semi-punched tap holes, including recommended basin fixation set and provided with "Viega code:5432" slotted valve with stationery cover, complete	No	2	
<u>VALVES, METERS, PUMPS, ETC.</u>				
<u>Water taps supplied by Grohe</u>				
F	"Euroeco Cosmopolitan code: GRO-36265000" self closing tap with blue indicator	No	2	
Carried to Collection				N\$
Bill No. 15 PLUMBING AND DRAINAGE (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

Water taps supplied by Cobra

- A 15mm Diameter "Carina code: 112" pillar tap with flanged backnut and blue indicator

No

1

Water taps supplied by Schlosser

- B "Schlosser code: 7111" chromium-plated angle regulating valve with "Aquatouch code:SA033" 350mm long flexible service pipe

No

4

Water taps supplied by Gio

- C "Benkiser code: GIO-5188" chromium-plated angle regulating valve with "Aquatouch code:SA033" 350mm long flexible service pipe

No

2

Carried to Collection

N\$

Bill No. 15
PLUMBING AND DRAINAGE (PROVISIONAL)
JL QUANTITY SURVEYORS INC.
JULY 2022

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Item No	Quantity	Rate	Amount
BILL NO. 17			
<u>PAINTWORK</u>			
<u>NOTES:</u>			
1.	The Contractor is advised to refer to Trade Preambles before pricing this Bill.		
2.	The Contractor is advised that his prices for articles described by trade names or catalogue references must be based on the type and manufacture as specified and any other equivalent articles may only be used subject to written approval being obtained from the Project Manager.		

<u>NEW WORK</u>			
<u>FLOATED PLASTER, ETC.</u>			
<u>Prepare and apply one coat "Peralin MCE-1 Primer" and apply two coats "Peralin PVA Grade 1 (MEAG)" paint on :</u>			
A	Internal plastered wall, including columns, etc.	m2	113
<u>Prepare and apply one coat "Peralin MCE-1 Primer" and apply two coats "Peralin PVA Grade 2 (MEL)" paint on :</u>			
B	External plastered wall, including columns, etc.	m2	161
Carried to Collection			N\$
Bill No. 17 PAINTWORK JL QUANTITY SURVEYORS INC. JULY 2022			

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Prepare and apply one coat "Peralin Plaster White Primer" or other approved acrylic plaster primer and apply two coats "Peralin PVA Grade 1" or other approved paint on :</u>				
A	Plasterboard surfaces	m2	16	
<u>Prepare with "ABE Dura Flex" and apply Two coats "HP" matt or similar approved stone sealer as per manufacturers instruction on:</u>				
B	On off-shutter concrete slabs	m2	9	
<u>SMOOTH CONCRETE</u>				
<u>Prepare and sand-down surface with sandstone to remove all loose contaminants, rinse, fill holes and cracks with flexible crack filler to leave smooth concrete finish, and apply one coat "Peralin" alkali resistant primer and two finishing coats "Peralin" stiple textured paint on:</u>				
C	Internal concrete ceilings	m2	6	
<u>FIBRE-CEMENT</u>				
<u>Prepare and apply one coat "Peralin Plaster White Primer" or other approved acrylic plaster primer and apply two coats "Peralin PVA Grade 1" or other approved paint on :</u>				
D	General surfaces of barge and facia boards	m2	17	
<u>METAL</u>				
<u>Apply one coat "MXC-1" metal cleaner, apply one coat "Peralin water based metal anti-rust (MCWP-1" primer and two coats "Peralin PVA Grade 1 (MEAG)" paint on :</u>				
E	General surface of downpipes	m2	6	
F	General surface of box gutters	m2	5	
G	General surface of structural steel	m2	102	
Carried to Collection				N\$
Bill No. 17 PAINTWORK JL QUANTITY SURVEYORS INC. JULY 2022				

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

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CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

Bill No. 17

PAINTWORK

COLLECTION

	Page No	Amount
Total Brought Forward	72	
Total Brought Forward	73	
Total Brought Forward	74	
Carried to Summary		N\$
Bill No. 17 PAINTWORK JL QUANTITY SURVEYORS INC. JULY 2022		

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 18</u>			
	<u>SITE PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
	<u>NOTES:</u>			
1.	The Contractor is advised to refer to Trade Preambles before pricing this Bill.			
2.	The Contractor is advised that his prices for articles described by trade names or catalogue references must be based on the type and manufacture as specified and any other equivalent articles may only be used subject to written approval being obtained from the Project Manager.			

	<u>SOIL DRAINAGE</u>			
	<u>Unplasticised polyvinyl chloride (uPVC) class 34 sewer and drain pipes with and including plain ends and sockets jointed together with ring seal jointing</u>			
A	110mm Outside diameter pipe laid vertically in ground to cleaning eye or stub stack	m	5	
B	110mm Outside diameter pipe laid to set falls in ground not exceeding 1m deep on and including flexible pipe bedding according to SABS 1200, including excavation and backfilling	m	139	
	<u>Extra over 110mm diameter unplasticised polyvinyl chloride (uPVC) sewer and drain pipe for:</u>			
C	Bend	No	2	
	Carried to Collection			N\$
	Bill No. 18			
	SITE PLUMBING AND DRAINAGE (PROVISIONAL)			
	JL QUANTITY SURVEYORS INC.			
	JULY 2022			

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Junction	No	3	
B	Bent cleaning eye	No	2	
C	Standard P-trap not exceeding 1m deep	No	3	
<u>Inspection chambers</u>				
Note:				
1	All inspection chambers are to be built in accordance with SABS 1200.			
D	Excavate for and construct inspection chamber size 1200mm diameter internally, not exceeding 1500mm deep, formed of 1800mm x 1800mm reinforced concrete base, 150mm thick reinforced concrete walls, 200mm thick reinforced concrete manhole cover slab having 600mm diameter opening for manhole cover, all concrete cast in 30MPa/19mm, including cast iron step fixed to concrete wall at 300mm c/c including benching, excavations, backfilling, form work, etc, complete as per engineers drawing number P2688-CS-003 Rev B	No	3	
<u>Gratings, covers, etc</u>				
E	600mm Diameter secure saint gobian single seal manhole cover and frame type Z-600 D	No	3	
<u>Sundries</u>				
F	Cut into concrete side of existing inspection chamber for new connection and build in ends of new 110mm diameter uPVC pipes and grout solid all round in cement mortar including altering concrete benching in bottom of chamber as necessary and all making good	No	1	
Carried to Collection				N\$
Bill No. 18 SITE PLUMBING AND DRAINAGE (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Testing</u>				
A	Allow for testing all sewer piping in accordance with statutory requirements, including making good defective work if necessary and re-testing if required		Item	
<u>WATER SUPPLY</u>				
<u>HDPE PN8 type water pipes including all straight joints and connectors</u>				
B	32mm Diameter pipe laid to set falls in ground not exceeding 1m deep on and including flexible pipe bedding according to SABS 1200, including excavation and backfilling	m	49	
C	40mm Diameter pipe laid to set falls in ground not exceeding 1m deep on and including flexible pipe bedding according to SABS 1200, including excavation and backfilling	m	46	
D	50mm Diameter pipe laid to set falls in ground not exceeding 1m deep on and including flexible pipe bedding according to SABS 1200, including excavation and backfilling	m	31	
<u>Extra over HDPE pipes for the following compression fittings</u>				
E	32mm Fittings	No	5	
F	40mm Adaptor coupling	No	2	
G	40mm Elbow	No	2	
H	40mm End cap	No	1	
J	50mm Reducing coupling	No	2	
K	50mm Elbow	No	5	
Carried to Collection				N\$
Bill No. 18 SITE PLUMBING AND DRAINAGE (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	50mm Equal tee	No	1	
B	50mm End cap	No	2	
	<u>Gate valves, strainers, etc</u>			
C	32mm Brass or similar approved stop valve	No	1	
	<u>Sundries</u>			
D	Excavate for and construct water meter manhole approximate size 1000 x 2600mm overall, not exceeding 1000mm deep from the natural ground level, and formed of approximately 150mm thick concrete floor in 25MPa/19mm concrete, one brick walls, 150mm thick 25MPa/19mm manhole cover slab with approved access manhole grating, covers, etc complete, including excavations, backfilling, formwork, etc as per engineer	No	1	
E	Excavate for and construct stopcock manhole approximate size 500 x 500mm overall, not exceeding 1000mm deep from the natural ground level, and formed of approximately 100mm thick concrete floor in 14MPa/19mm concrete, and one brick walls, 150mm thick 25MPa/19mm manhole cover slab including type 11B cast iron stopcock box size 225mm x 225mm x 100mm complete, including excavations, backfilling, formwork, etc	No	1	
F	Excavate, search and connect new 50mm HDPE pipe to the existing uPVC or similar pipe, including all fittings necessary		Item	
	<u>Testing</u>			
G	Allow for testing external water reticulation in accordance with statutory requirements, including making good defective work if necessary and re-testing if required		Item	
Carried to Collection				N\$
Bill No. 18 SITE PLUMBING AND DRAINAGE (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Cutting down and removing, grubbing up roots and filling in holes

A	Tree exceeding 200mm and not exceeding 500mm girth	No		Rate only
B	Tree exceeding 500mm and not exceeding 1000mm girth	No		rate only
C	Tree exceeding 1000mm and not exceeding 2000mm girth	No		Rate only

THE FOLLOWING IN WORK TO FENCING

Concrete

Grade 15Mpa/19mm unreinforced concrete in:

D	Edge beam below security fencing size 150 x 250mm high, including all necessary excavation, casing, backfilling, etc	m	197	
E	Base size 200 x 200 x 200mm deep having 25mm diameter x 50mm deep pipe sleeve for drop bolt including excavations, backfilling, etc, complete	No	1	

The following in welded mild steel service gates including two coats silver aluminium paint

F	Double gate size 6206mm x 1800mm high overall with 450mm long 45° overhang, with razor wires (razor wires elsewhere) and covered with razor mesh (razor mesh elsewhere), with and including four suitable eye-bolt hinges, 16mm diameter galvanised dropbolts, two 3mm diameter round bar welded to frame, and 10mm locking chain with 60mm "Viro" lock fixed in position complete as per Engineers drawing P2684-CF-010 REV B	No	1	
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Carried to Collection

N\$

Bill No. 19
EXTERNAL WORKS (PROVISIONAL)
JL QUANTITY SURVEYORS INC.
JULY 2022

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Security fencing including two coats silver aluminium paint on metal posts, stays, framing, etc as per Engineers drawing number P2684-CF-010 REV B</u>				
A	Mild steel end post size 101mm diameter x 3.0mm thick and 2700mm high vertically having 450mm long 45° overhang capped with 101mm end plate, with and including 110mm diameter anchor pin 300mm long through post and 200mm x 200mm x 5mm thick baseplate welded to the bottom of post, base plate having a 40mm diameter opening, post holed eight times for straining and razor wires, and cast 850mm deep into and including class 15/19 MPa concrete footing size 450 x 450 x 900mm deep, complete	No	4	
B	Mild steel corner post size 101mm diameter x 3.0mm thick and 2700mm high vertically having 450mm long 45° overhang capped with 101mm end plate, with and including 110mm diameter anchor pin 300mm long through post and 200mm x 200mm x 5mm thick baseplate welded to the bottom of post, base plate having a 40mm diameter opening, post holed eight times for straining and razor wires, and cast 850mm deep into and including class 15/19 MPa concrete footing size 450 x 450 x 900mm deep, complete	No	18	
C	Mild steel gate post size 101mm diameter x 3.0mm thick and 2700mm high vertically having 450mm long 45° overhang capped with 101mm end plate, with and including 110mm diameter anchor pin 300mm long through post and 200mm x 200mm x 5mm thick baseplate welded to the bottom of post, base plate having a 40mm diameter opening, post holed eight times for straining and razor wires, and cast 850mm deep into and including class 15/19 MPa concrete footing size 450 x 450 x 900mm deep, complete	No	4	
Carried to Collection				N\$
Bill No. 19 EXTERNAL WORKS (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Mild steel intermediate post size 48mm diameter x 2.5mm thick and 2450mm high vertically having 450mm long 45° overhang to one side capped with 48mm end plate, with and including 10mm diameter anchor pin 200mm long through post and 100mm x 100mm x 5mm thick baseplate welded to the bottom of post, base plate having a 40mm diameter opening, post holed eight times for straining and razor wires, and cast 600mm deep into and including class 15/19 MPa concrete footing size 300 x 300 x 650mm deep, complete	No	66	
B	Mild steel intermediate straining post size 76mm diameter x 2.5mm thick and 2700mm high vertically having 450mm long 45° overhang to one side capped with 76mm end plate, with and including 10mm diameter anchor pin 300mm long through post and 150mm x 150mm x 5mm thick baseplate welded to the bottom of post, base plate having a 40mm diameter opening, post holed eight times for straining and razor wires, and cast 850mm deep into and including class 15/19 MPa concrete footing size 400 x 400 x 900mm deep, complete	No	3	
C	Mild steel horizontal stay size 48mm diameter x 2,5mm thick and 1900mm long having 100mm long 90° flattened ends on both sides, both ends holed once for bolts and bolted to post with 12mm stay bolts, complete	No	16	
Carried to Collection				N\$
Bill No. 19 EXTERNAL WORKS (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

A	Mild steel inclined stay size 48mm diameter x 2,5mm thick and approximately 2750mm long, bottom end closed off with 100mm x 100mm x 4mm base plate having 40mm diameter opening and other end bent, flattened, holed once for bolts and bolted to post with 12mm stay bolts and including 10mm diameter anchor pin 300mm long through stay, cast into and including class 15/19 MPa concrete footing size 500 x 400 x 500mm deep, complete	No	16		
B	Extra over for razor mesh cladding to fencing comprising of 2,7mm thick high tensile galvanised core combined with a 0,5mm galvanised blade strip welded at each intersection and having 150mm x 300mm high openings and tied to posts and straining wires with 1,6mm thick binding wire and cast 50mm deep into concrete edging strip (edging strip elsewhere), complete	m2	354		
C	Extra over for razor wire formed of 2,5mm high tensile galvanised core wire with 0,6mm thick galvanised steel blades and fixed to top of security fencing, complete	m	590		
D	Galvanised high tensile steel straining wires size 2.24mm diameter and tied to posts with and including 1.6mm binding wire, complete	m	983		
<u>THE FOLLOWING IN WORK TO PLINTHS</u>					
<u>Earthworks</u>					
<u>Open face excavation in earth</u>					
E	Reduce levels under floors	m3	5		
<u>Extra over bulk excavation in earth for excavation in</u>					
F	Soft rock (the use of jack hammers is necessary)	m3	1		
Carried to Collection				N\$	
Bill No. 19 EXTERNAL WORKS (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022					

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**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Grade 30Mpa/19mm reinforced concrete in:</u>				
A	Surface bed, including thickening under, cast in panels on waterproofing membrane (membrane elsewhere measured)	m3	4	
<u>Surface treatment</u>				
B	Wood float exposed top surfaces of concrete surface beds, slabs, treads, risers, etc to receive floor tiling	m2	18	
<u>Smooth formwork to:</u>				
C	Edge, riser, end or reveal not exceeding 300mm high or wide	m	29	
<u>Waterproofing</u>				
<u>One layer of 375 Micron "USB Orange" polyethylene damp proof membrane in suitable widths, including maintaining in position during concreting (measured nett)</u>				
D	Damp proof membrane laid on surface of filling to receive concrete surface bed, etc. including turn-up and turn-downs	m2	24	
<u>Masonry</u>				
<u>Brickwork in 73mm solid concrete masonry units having a compressive strength of 7Mpa in Class II cement mortar in:</u>				
E	One-brick wall	m2	9	
F	Steel fabric 150mm wide	m	29	
Carried to Collection				N\$
Bill No. 19 EXTERNAL WORKS (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

Plastering

One external coat cement plaster finished smooth with a wood float on:

A	Brick wall	m2	19
B	30mm (Average) Thick weathered coping to top of one-brick wall	m	5

Paintwork

Prepare and apply one coat "Peralin Plaster White Primer" or other approved acrylic plaster primer and apply two coats "Peralin PVA Grade 1" or other approved paint on :

C	External plastered wall, including columns, etc.	m2	20
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THE FOLLOWING IN INTERLOCKING PAVING

Earthworks

Filling under floors, steps, paving, etc.

D	Selected "G5" material supplied by the Contractor and spread, level, water and compact to not less than 95% of the modified AASHTO maximum density in layers not exceeding 150mm and trim to level	m3	12
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Weedkillers, insecticides, etc.

E	Loosen top surface of excavation or filling under solid floors and pavings for a depth of 50mm, level and dose uniformly with approved insecticide solution, including raking over to ensure an even distribution and recompact	m2	41
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Carried to Collection

N\$

Bill No. 19
EXTERNAL WORKS (PROVISIONAL)
JL QUANTITY SURVEYORS INC.
JULY 2022

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>Precast concrete</u>				
<u>60mm Thick 25MPa concrete interlocking pavers bedded on and including 20mm thick bed of approved sand, butt-jointed and flush pointed with approved sand, brushed in as the work proceeds</u>				
A	Paving laid to slight falls	m2	38	
B	Extra over paving for filling irregularities at edge of paving in 1:3 cement mortar, including trowelling smooth with a steel trowel	m	68	
<u>80mm Thick 35MPa concrete interlocking pavers bedded on and including 20mm thick bed of approved sand, butt-jointed and flush pointed with approved sand, brushed in as the work proceeds</u>				
C	Paving laid to slight falls	m2	3	
D	Extra over paving for filling irregularities at edge of paving in 1:3 cement mortar, including trowelling smooth with a steel trowel	m	11	
<u>Precast concrete road kerbs and channels finished smooth on exposed surfaces laid on and including 400 x 100mm unreinforced mass concrete continuous bedding with haunchings behind each joint including excavation, backfilling, etc</u>				
E	Barrier road kerb size 300 x 150mm high	m	47	
F	Barrier road kerb size 300 x 150mm high not exceeding 4m radius	m	9	
G	Mountable road kerb size 300 x 150mm high	m	5	
Carried to Collection				N\$
Bill No. 19 EXTERNAL WORKS (PROVISIONAL) JL QUANTITY SURVEYORS INC. JULY 2022				

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Item No	Quantity	Rate	Amount
BILL NO. 20			
OTHER SPECIALIZED CONTRACTS			
NOTES:			
1.	The Contractor's attention is drawn specifically to the General Conditions of Contract clause 8 (Other Contractors) and the Special Conditions of Contract GCC 8.1 (Schedule for other contractors) and to the related Clauses in Bill No. 1 - Preliminaries.		
2.	Amount provided are nett unless stated to the contrary, included for informational purposes only.		
3.	The amounts priced by the Contractor for attendance against each amount, shall be deemed to be Lump Sum prices and shall not be adjusted unless the scope of the contract varies significantly.		
4.	CPAP work group 190 to apply to all items of attendance throughout.		
5.	Prices are deemed to include profit and attendance for the main contractor unless indicated otherwise.		

		Carried to Collection	N\$
Bill No. 20 OTHER SPECIALIZED CONTRACTS JL QUANTITY SURVEYORS INC. JULY 2022			

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

<u>ELECTRICAL INSTALLATION</u>		
A	Bid amount for supply, installation, commissioning and testing of the Electrical installation brought forward from Annexure A1 (excluding 15% Value Added Tax)	Item
<u>CARPENTRY AND JOINERY</u>		
B	Allow the Provisional Amount of N\$10,000.00 (Ten Thousand Namibian Dollar) NET for Carpentry, Joinery work to be executed by contractor	Item 10,000.00
C	Profit (.....%)	Item
D	Attendance	Item
<u>SIGNAGE</u>		
E	Allow the Provisional Amount of N\$40,000.00 (Forty Thousand Namibian Dollar) NET for signage to be executed by contractor	Item 40,000.00
F	Profit (.....%)	Item
G	Attendance	Item
<u>BURGLAR BARS</u>		
H	Allow the Provisional Amount of N\$30,000.00 (Thirty Thousand Namibian Dollar) NET for burglar bars to be executed by contractor	Item 30,000.00
J	Profit (.....%)	Item
K	Attendance	Item
Carried to Collection		N\$
Bill No. 20 OTHER SPECIALIZED CONTRACTS JL QUANTITY SURVEYORS INC. JULY 2022		

**CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1**

BLINDS

A	Allow the Provisional Amount of N\$20,000.00 (Twenty Thousand Namibian Dollar) NET for blinds to be executed by contractor	Item	20,000.00
B	Profit (.....%)	Item	
C	Attendance	Item	

WORK BY PUBLIC BODIES

Municipal connections

D	Provide the amount of N\$10,000.00 (Ten Thousand Namibian Dollar) NET for municipal water connections, meters, executed complete	Item	10,000.00
E	Profit (.....%)	Item	
F	Attendance	Item	

BUDGETARY ALLOWANCES

NOTE:

The items described hereunder cover work which is not fully defined at tender date and which is intended to be executed by the Contractor. The amounts shown shall be used as directed by the Project Manger and shall be deducted in whole or in part if not required.

Sundry plumbing and drainage work

G	Allow the budgetary amount of N\$10,000.00 Ten Thousand NET for internal waste water reticulation	Item	10,000.00
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Carried to Collection

N\$

Bill No. 20
OTHER SPECIALIZED CONTRACTS
JL QUANTITY SURVEYORS INC.
JULY 2022

CONSTRUCTION OF OKANGUATI SETTLEMENT OFFICE, KUNENE REGION
PHASE 1

A	Allow the budgetary amount of N\$10,000.00 Ten Thousand NET for internal cold water reticulation	Item	10,000.00
Carried to Collection		N\$	
Bill No. 20 OTHER SPECIALIZED CONTRACTS JL QUANTITY SURVEYORS INC. JULY 2022			

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ANNEXURE A1 – ELECTRICAL INSTALLATION

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
1.1		SECTION 1 : PRELIMINARY AND GENERAL Bidders shall allow for all preliminary and general expenses and items not covered in the provisional Schedule of Quantities whatever cost they may consider necessary for carrying out and observance of the items - such as: compliance to General Conditions of Contract, Special Conditions of Contract, attendance, supervision & travelling, establishment of site, storage and clearing, workshop drawings where applicable, drawings for approval, temporary power and accommodation, administrative costs, transport, performance guarantee, commissioning, attendance of site meetings and ad-hoc meetings, etc. The Bidder is to provide their registration number with local Supply Authority - NORED (and attach a copy of their certificate of registration to this document):						
1.1.1		Compliance: General and Special Conditions, Technical Spec.	Sum	1				
1.1.2		Performance guarantee / surety	Sum	1				
1.1.3		Programing of work	Sum	1				
1.1.4		Transport	Sum	1				
1.1.5		Site Establishment	Sum	1				
1.1.6		Setting Out	Sum	1				
1.1.7		Progress Meetings	Sum	1				
1.1.8		Attendance for Measurement	Sum	1				
1.1.9		Site Supervision	Sum	1				
1.1.10		Test and inspection prior to completion	Sum	1				
1.1.11		Marking-up of record drawings	Sum	1				
1.1.12		Insurance (theft, damage, liability, etc.)	Sum	1				
		Bidders to indicate and price other relevant items						
		Total for section carried to Summary						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
		SECTION 2 : EXCAVATION, BUILDERS & SITE WORKS						
2.1		EXCAVATION						
2.1.1	SANS 1200	Excavation in soft / pickable soil for LV & Tel multi-service trenches , select materials, backfill, compact	m ³	45				
2.1.2		Extra over item 2.1.2, but for soft rock (i.e. Jack-hammer, mechanical excavator etc.)	m ³	22.5				
2.1.3		Extra over item 2.1.2, but for hard rock (i.e. Blasting)	m ³	22.5				
2.2		PLASTIC WARNING TAPE						
2.2.1	BS EN 50520	150mm wide to SABS standard installed in all electrical cable trenches on blinding layer 200mm	m	290				
2.3		ELECTRICAL MANHOLES & TELECOMMUNICATION DRAWHOLES						
		<u>Supply manhole cover only</u>						
2.3.1	SANS 558	800x600mm double lip seal, iron cover, highly trafficable (heavy duty)	No	1				
2.3.2	TN	Telecom Namibia approved, round 600mm Ø cover	No	1				
2.3.3	SANS 1882	Type 2A 600mm Ø polymer concrete manhole cover & frame, highly trafficable (heavy duty, min 100kN).	Item	0				Rate Only
		<u>Excavate and build</u>						
2.3.4	SANS 1200	±1000x1000mm drawhole, 1000mm deep (invert level) unless otherwise specified, complete (using 25MPa concrete and 14MPa brick work; as per detail), excluding manhole cover.	No	1				
2.4		WET WORK						
		MINI-SUBSTATION PLINTH						
2.4.1	SANS 1200	The outside dimensions of the minisub plinth shall be as per manufacturer's specifications. The plinth shall	Item	0				Rate Only
		RMU PLINTH						
2.4.2		Excavate and build plinth, complete using 25MPa concrete, including 50 - 110mm Ø entry sleeves. As	Item	0				Rate Only
2.5		ELECTRICAL KIOSK PLINTH						
	SANS 1200	Excavate and build plinth, complete 600x600x300mm to 250mm b.n.g.l., or from b.n.g.l. to 250mm a.n.g.l.,	Item	2				
2.6	SANS 1283	Underground buried conduit/sleeves with coupling and all accessories for power and data. Type:						
2.6.1		50mm	m	60				
2.6.2		75mm	m	0				Rate Only
2.6.3		110mm	m	0				Rate Only
		Total for section carried to Summary						-

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
3.1	SANS 10198	SECTION 3 : WIRES AND CABLING						
		NOTE:						
		a) Rates shall allow for supply, delivery, handling, transporting, inserting and laying the cables in prepared trenches, threading through sleeves, draw-in, saddling, cutting, laying on cable trays, but shall exclude trench excavations, preparation of trenches and backfilling, wire ways, terminations etc. which are measured elsewhere.						
		b) Allow also for fixing of cables to trunking with cable clamps in vertical service duct at 2000mm intervals, fixing onto cable trays with cable ties at 500mm intervals and saddling of surface mounted cables at 500mm centres, where relevant.						
		c) Cables shall be measured linearly over all lengths as laid or built-in from gland to gland.						
3.2		ARMOURED CABLES						
		Copper conductor PVC PVC SWA PVC cabling, number of cores as shown (to SANS 1507)						
3.2.1		50mm ² , 4 core	m	220				
3.2.2		35mm ² , 4 core	m	60				
3.2.3		25mm ² , 4 core	m	0				Rate Only
3.2.4		16mm ² , 4 core	m	0				Rate Only
3.2.5		10mm ² , 4 core	m	0				Rate Only
3.2.6		6mm ² , 4 core	m	0				Rate Only
3.2.7		16mm ² , 2 core	m	0				Rate Only
3.2.8		10mm ² , 2 core	m	10				
3.2.9		6mm ² , 2 core	m	0				Rate Only
3.3		EARTH CONTINUITY CONDUCTOR						
		Bare stranded copper earth continuity conductor laid and buried in trenches and wireways to run with all cables distribution routes.						
3.3.1		25mm ²	m	280				
3.3.2		16mm ²	m	0				Rate Only
3.3.3		10mm ²	m	0				Rate Only
3.3.4		6mm ²	m	10				
3.3.5		4mm ²	m	0				Rate Only
3.4		CABLE TERMINATION						
		<u>Cable termination</u> (weather and water proof) for copper conductors PVC PVC SWA PVC cables including termination lugs, CCG or equal gland kit with shrouds, locknut earth tag etc., making off, bonding and connections; gland size:						
3.4.1		120-70mm ² 4C	Item	4				
3.4.2		35-16mm ² 4C	Item	4				
3.4.3		16-10mm ² 2C	Item	4				
3.4.4		4-6mm ² 2C	Item	0				Rate Only
		<u>Cable termination</u> for bare or PVC insulated copper conductor (including earth conductor) including lugs, making off and connectionmeterboards and distribution boards (to earth bar, neutral bar, bus bar or switchgear).						
3.4.5		120-70mm ² 4C	Item	0				Rate Only
3.4.6		35-16mm ² 4C	Item	4				
3.4.7		16-10mm ² 2C	Item	4				
3.4.8		6mm ² 2C	Item	0				Rate Only
		Total for section carried to Summary						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
4.1	SANS 10142	SECTION 4 : DISTRIBUTION BOARDS DISTRIBUTION BOARDS & KIOSKS NOTES: a) All distribution enclosures shall be as specified and shall be of sufficient size to accommodate all equipment specified and provide at least 30% spare space. b) The price for distribution enclosures must include all sheet metal frames, subframes, panels, cutouts, busbars, fixtures, fittings, architraves, trays and doors with metallic latch type locks. (or as specified) Flimsy plastic latch and hinge mechanisms will be rejected at the cost of the installer. c) All enclosures shall be complete with all connections, control wiring, installed in position with all earthing, terminations, bonding, name plates, legends and labels. d) All boards shall be equal to GEM, Legrand or Schneider manufacture (or as specified). All boards shall have colour as specified (white, grey, ivory, olive or electric orange). e) All labels shall be manufactured from embossed plastic and rivetted in place or inserted into label holders as applicable, size and colour as specified below. Circuits to be labelled as indicated on the single line diagrams. DB labels must be rivetted to outside of DB frame at top. f) All busbars to have a rated current capacity of 4x main breaker rating (minimum) or 100A minimum (whichever is most) KIOSK Supply, delivery and installation of distribution pillars, to local Supply Authority requirement & specification and approval of Engineer, complete with panel, bus bars, doors, legend card holder, labels etc., but excluding switch gear; with concrete strip footing / plinth (measured elsewhere) Steel pillar. Epoxy powder coated color olive, light grey or olive 12-meter way double door enclosure						
4.1.1			Item	1				
		DISTRIBUTION BOARDS Supply, delivery and installation of distribution board complete with tray, architrave / frame, chassis & rails for DIN gear; earth, neutral & bus bars; covers, doors (with locking mechanisms), blank inserts, labelling & legend card holders etc.; excluding switch gear, for: <u>Flush mounted, indoor</u> Flush DB, complete with mounting box, chassis, rails, architrave etc., with plastic front (smokey lid), colour white. Type ACDC DIN Economy type DB or Prisma or Legrand Contractor to send workshop drawings of DB to Engineer for Approval before ordering as per Wiring Diagrams provided						
4.1.2		15-DIN Way	Item	0				Rate Only
4.1.3		40-DIN Way	Item	1				
4.1.4		Surface mounted, indoor, steel GEM 11F (12 DIN ways) - And as per Single Line Diagram	Item	0				Rate Only
4.1.5		GEM 13F (48 DIN ways), Flush - And as per Single Line Diagram	Item	0				Rate Only
4.1.6		GEM 13F (60 - 96 DIN ways) - And as per Single Line Diagram	Item	0				Rate Only
4.1.7		<u>Surface mounted, indoor, steel</u> GEM 2 (32 DIN ways)	Item	0				Rate Only
4.1.8		<u>Surface mounted, weather proof, steel</u> Meterboard, 18x12x9, IP65, padlockable, electric orange powder coated. Type Waco or similar approved.	Item	0				Rate Only
		Total carried to next Page						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
		Total carried from previous Page						
4.1.9		Surface mounted complete made of steel, including galvanised tray and wooden back board for telephone GEM Telkom F2	Item	1				
4.2		LABELLING						
4.2.1		Labels with 10mm high black letters on a white background as (e.g.) "KIOSK K01" or "MDB" or "SDB1"	Item	4				
4.2.2		Labels with 5mm high red letters on a white background as "LOCAL MAIN-SWITCH OFF IN CASE OF EMERGENCY"	Item	4				
4.2.3		Labels with 5mm high black letters on a white background as "SUPPLY FROM XXX WITH YYY + ZZZ" where XXX is the cable origin, YYY is the size and type of supply cable and ZZZ is the size and type of earth conductor.	Item	4				
4.2.4		Labelling as number strip below switchgear with neat legend card in door holder	Item	4				
		Total for section carried to Summary						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
5.1	SANS 10142 SANS 60947	SECTION 5: SWITCH GEAR SWITCH GEAR NOTES: a) All switch gear to have minimum 5kA rupture capacity. b) All switch gear to be rated for 240/415V operating, unless stated otherwise. Note: Tenderer to specify exact make of switch gear offered (tenderer shall note restrictions on brands as per tender. Use of multiple brands is forbidden, unless specific items of equipment are not available from the main proposed brand) VERY IMPORTANT: Contractor is to submit documentary proof before installation substantiating switchgear coordination / discrimination as indicated on drawings						
5.2		Moulded case circuit breakers with rupture capacity, number of poles, trip unit and ancillaries as shown						
5.2.1		250A, 25kA, 3P	Item	0				Rate Only
5.2.2		80A, 25kA, 3P	Item	0				Rate Only
5.3		TRIPLE POLE MINIATURE CIRCUIT BREAKER Rupture capacity as shown, DIN-mounted						
5.3.1		100A, 15kA, C-curve	Item	0				Rate Only
5.3.2		80A, 6kA, C-curve	Item	2				
5.3.3		63A, 6kA, C-curve	Item	3				
5.3.4		40A, 15kA, C-curve	Item	0				Rate Only
5.3.5		32A, 15kA, C-curve	Item	0				Rate Only
5.3.6		20-60A, 6kA, C-curve	Item	0				Rate Only
5.3.7		5-20A, 6kA, C-curve	Item	0				Rate Only
5.4		DOUBLE POLE MINIATURE CIRCUIT BREAKER Rupture capacity as shown, DIN-mounted						
5.4.1		16-50A, 6kA, C-curve	Item	10				
5.4.2		16-50A, 15kA, C-curve	Item	0				Rate Only
5.5		SINGLE POLE MINIATURE CIRCUIT BREAKER Rupture capacity as shown, DIN-mounted						
5.5.1		63A, 6kA, C-curve	Item	0				Rate Only
5.5.2		25-60A, 6kA, C-curve	Item	2				
5.5.3		5-20A, 6kA, C-curve	Item	14				
		Total carried to next Page						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
		Total carried from previous Page						
5.6		EARTH LEAKAGE DEVICE/RESIDUAL CURRENT DEVICE DIN mounted earth leakage unit with minimum 25mA sensitivity, without overload protection, number of poles as shown						
5.6.1		40A, 2P, 15kA	Item	0				Rate Only
5.6.2		63A, 2P, 5kA	Item	2				
5.7		CONTACTOR AC-3 utilisation category, rating and number of poles as shown						
5.7.2		25A, 2 pole	Item	2				
5.7.3		40A, 1 pole	Item	0				Rate Only
5.8		TIMER 5A, 24-240V, min 12 hour delay-off timer. Set to be on from 7 AM and off at 7PM. Type ACDC TH-857-2 or similar approved						
5.8.1			Item	0				Rate Only
5.8.2		Multifunction DIN rail timer adjustable to 10hrs. Type Alan Bradley 700-FE DIN or similar	Item	0				Rate Only
5.9		METER To Supply Authority requirements						
5.9.1		1-Phase Pre-paid. Type: as per Supply Authority (or Elster A1700 / Landis & Gyr)	Item	1				
5.9.2		3x CTs (including manual motor starter to 2.5A) - at specified ratio (or 300:5)	Item	0				Rate Only
5.9.3		Test block	Item	0				Rate Only
		Total for section carried to Summary						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
6.1	SANS 60598	SECTION 6: LIGHT POINTS & LIGHT FIXTURES LIGHT FITTINGS <u>Building lighting</u> Rates shall allow for supply, delivery and installation, complete including <u>electronic control gear</u> (warm start) for fluorescent lamps, transformers / control gear for LED fittings, including lamps and wiring or provision for a point of installation: TYPE A: THEIA 1200X600mm 50W LED RECESSED MOUNTED . POWDER PAINTED ALUMINUM, COLOR WHITE, WITH OPAL DIFFUSER. BY: PROVINCE LIGHTING OR SIMILAR APPROVED. REFERENCE: THEIA-SU/12X6/80/40/50/OP TYPE C Wall mounted round bulkhead light with grid with 6W 1x E27 LED, Colour black Type: WS-B41B OR similar approved. TYPE D TYPE D: LED ROUND DOWNLIGHT, COLOR WHITE, INCLUDING 1X18W INTEGRATED LED.TYPE EUROLUX D116 OR SIMILAR APPROVED. TYPE E TYPE E: SQUARE CEILING LIGHT 1X40W ALUMINUM, COLOR SATIN CHROME, FROSTED GLASS, IP20 WITH 1XE14 MAX 40W. TYPE EUROLUX C264 OR SIMILAR APPROVED. TYPE M Ceiling surface mounted closed channel Including 2x 18W Integrated LED. Type: Eurolux C605 OR similar approved. AREA LIGHTING Rates shall allow for supply, delivery and installation, complete including lamps and electronic control gear where relevant, but exclude wiring, poles or provision for a point of installation: TYPE F TYPE F:BEKA LEDSTREAM 37W LED FLOOD LIGHT MOUNTED ON 9M POLE OR SIMILAR APPROVED TYPE G TYPE G:POLE MOUNTED LIGHT FITTING (FITTING @4m a.n.g.l.) COMPLETE WITH POLE - BEKASHINE 40W, NEUTRAL WHITE, COLOUR GREY OR SIMILAR APPROVED						
6.1.1			Item	6				
6.1.2			Item	6				
6.1.3			Item	6				
6.1.4			Item	1				
6.1.7			Item	2				
			Item	6				
			Item	8				
Total carried to next page								

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
		Total from previous page						
6.2		SWITCHES						
		<u>16 Ampere switches. Type: Clipsal or similar approved</u>						
6.2.1		Daylight switch	Item	2				
6.2.2		N3500 watertight rotary switch	Item	0				Rate Only
		<u>16A switch module without cover plate. Type: Clipsal S2000 or similar approved</u>						
6.2.3		One-way switch	Item	3				
6.2.4		Two-way switch	Item	0				Rate Only
6.2.5		Intermediate switch	Item	0				Rate Only
6.2.6		Key switch	Item	0				Rate Only
		<u>Cover plate (Ivory), cradle and surrounds for 100x50x50mm outlet box. Type: Clipsal S2000 or similar</u>						
6.2.7		1 Lever	Item	3				
6.2.8		2 Lever	Item	2				
6.2.9		3 Lever	Item	0				Rate Only
		<u>Occupancy sensors</u>						
6.2.10		WSD PDT Wall Mount	Item	0				Rate Only
6.2.11		Motion sensor switch, normal type with 'dry contact' (on/off). With a detection range of 6m. Type sensor switch ps-pir2 or as specified by client or equally approved	Item	0				Rate Only
6.3		LIGHT POWER POINT						
		Installation of light power point, complete with outlet boxes, junction boxes, conduits, including wiring from distribution boards to switches and light fittings, but excluding the light fittings and switches:						
		(Assume average distance of 25m for internal points)						
6.3.1		for light fittings requiring 2x2.5mm ² PVC + 2.5mm ² BCEW (conventional fluorescent, compact fluorescent, bulkheads and down lights)	Item	18				
6.3.2		for switches requiring 2x2.5mm ² PVC + 2.5mm ² BCEW	Item	5				
6.3.3		for 5A socket outlet requiring 2x2.5mm ² PVC + 2.5mm ² BCEW via P8300 trunking (or custom surface mount outlet on P8000 trunking for higher density), but excluding the trunking	Item	0				Rate Only
6.3.4		for street and area light fittings, requiring 6mm ² 2C PVCA + 4mm ² BCEW, including cabling, excavations and laying of cables as required	Item	0				Rate Only
		Total for section carried to Summary						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
7.1		SECTION 7 : SOCKET OUTLETS & POWER POINTS						
		SOCKET OUTLETS						
		16A switched socket outlet, complete with cover plate (Ivory), surrounds and accessories. Type: Clipsal S2000 or similar approved						
7.1.1		Single (for 100x50mm or 100x100mm outlet box)	Item	0				Rate Only
7.1.2		Double (for floor outlet box)	Item	0				Rate Only
7.1.3		Double (for 100x100mm outlet box)	Item	0				Rate Only
7.1.4		Double (for power skirting)	Item	5				
7.1.5		Double (for 100x100mm outlet box) with USB Charger	Item	0				Rate Only
7.1.6		Double (for power skirting) with USB Charger	Item	0				Rate Only
7.1.7		Double dedicated (flat earth pin, red) for 100x50mm or 100x100mm outlet box	Item	0				Rate Only
7.1.8		Single, dedicated (flat earth pin, red) for power skirting	Item	0				Rate Only
7.1.9		Single (for 100x50mm weather proof outlet box)	Item	0				Rate Only
7.1.10		Double (for 100x50mm weather proof outlet box)	Item	0				Rate Only
		16A switched socket outlet, complete with weather proof cover, surrounds and accessories. Type:Gewis or similar approved						
7.1.9		Single (surface mounted, GX97209)	Item	0				Rate Only
7.1.10		Double (flush mounted, Virna flush 3 gang+ weatherproof suppot, accessories etc.)	Item	0				Rate Only
		Three phase switched socket outlet, complete with cover/extension box, surrounds and accessories for wall mounting, IP55/56. Type: Gewiss or Schneider Electric						
7.1.11		16A, 3P+N+E, 380-415V (with protection)	Item	0				Rate Only
7.1.12		32A, 3P+N+E, 380-415V (with protection)	Item	0				Rate Only
7.2		ISOLATORS						
		Power point (flush / surface mount), including isolator, outlet & junction boxes, conduits and wiring (cables) from distribution board to isolator, for						
7.2.1		20-32A single pole isolator, surface mount, weather proof (IP56), with cable grip glands and 2x6mm ² PVC + 4mm BCEW wiring, for geyser and or air conditioning	Item	0				Rate Only
7.2.2		16-32A double pole isolator, in ceiling void or surface mount, weather proof (IP56), with cable grip glands and 2x4mm ² PVC + 2.5mm BCEW wiring, for indoor air conditioning and or Indoor Fans	Item	4				
7.2.3		5A or 20A socket outlet for extractor fan over nearby on normal power circuit including wiring	Item	0				Rate Only
		Total carried to next page						

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
		Total from previous page						
7.3		POWER POINTS Installation of power point for socket outlet or isolators (not listed above), complete with conduits, (Assume average distance of 25m)						
7.3.1		Flush in 25mm Ø conduit, using 2x4mm ² PVC insulated wiring + 2.5mm ² BCEW	Item	5				
7.3.2		In power skirting, using 2x4mm ² PVC insulated wiring + 2.5mm ² BCEW	Item	0				Rate Only
7.3.3		Flush in 20mm Ø conduit, using 2x1.5mm ² PVC insulated wiring + 1.5mm ² BCEW for extract fan point	Item	4				
7.3.4		Flush in 25mm Ø PVC conduit to outlet box, using 4x4mm ² & 4x6mm ² PVC insulated wiring + 2.5mm ² &	Item	0				Rate Only
7.4		ACCESSORIES						
		<u>Plug tops</u>						
7.4.1		5A Plug top for use with light fittings on P8300 trunking	Item	0				Rate Only
7.4.2		5A unswitched socket outlet for use P8300 trunking	Item	0				Rate Only
		Total for section carried to Summary						

[illegible]

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
9.1		SECTION 9 : WIRE WAYS POWER SKIRTING This item shall include the installation of a double compartment two cover power skirting, the pricing shall include all accessories needed (end caps, corners etc.). Type Cabstrut Jupiter PVC801, grey						
9.1.1			m	30				
9.2		SLEEVES AND BENDS IN / UNDER BUILDINGS uPVC sleeves and bends buried in the ground, cast-in or chased in. Allow for plugging of spare sleeves. All bends shall be long radius bends, 1.2mm diameter galvanized mild steel draw-in wire to be installed in all sleeves and conduits						
9.2.1		110mm Ø sleeve	m	30				
9.2.2		50mm Ø conduit	m	30				
9.2.3		50mm Ø bends	No	0				Rate Only
9.2.4		2x20mm Ø conduits and 2x25mm Ø conduits from power skirting to ceiling void cable tray & trunking for connection of power and data services (3m height)	No	7				
9.3		TRUNKING Galvanized mild steel trunking complete with snap-in covers						
9.3.1		FLUSH, mounted in wall, slab, beam or column P2000	m	0				Rate Only
9.3.2		SUSPENDED from soffit or roof structure using M8 threaded rod, complete including hangers mounted in slab or clipped onto roof structure P8300, with knockouts for 5A socket outlets every 1,5m, excluding outlets	m	0				Rate Only
9.3.3		P9000	m	0				Rate Only
9.4		CABLE TRAYS & BASKETS Wire mesh/basket cable tray 50mm high suspended approximately 100mm from slab or in roof structure using threaded rods (with grout, bolts or clips as relevant) and P1000 trunking, including internal, external and flat bends and tees. Or as required for ease installation						
9.4.1		300 mm width	m	30				
Total for section carried to Summary								

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
		SECTION 10 : EARTHING AND LIGHTNING PROTECTION						
		BUILDING EARTHING AND BONDING						
		Earth mat for main distribution board, or Kiosk consisting of 4x1000mm long 25x3mm flat bar, arranged as square (1000x1000mm and cad welded at each intersection.	Item	1				
		Earth mat for sub distribution board, consisting of a 16/17.2mm Ø, 1500mm long copper coated steel earth rod driven-in with top at minimum 500mm below normal ground level and connected to the sub DB earth bar with 50mm ² green PVC insulated copper wire.	Item	0				Rate Only
		Equi-potential bonding for complete building: This item shall include the earthing and bonding of all down pipes, gutters, waste pipes, cold and hot water pipes, sinks, floor, ect. and all metals and equipment to be earthed throughout an entire building installation.	Sum	1				
		Earthing of building roof structure shall be done using a 16/17.2mm Ø, 1500mm long copper coated steel earth rod driven-in with top at minimum 500mm below normal ground level and connected to the roof structure with 50mm ² green PVC insulated copper wire. All elements in ground to be encased in conductive concrete	Item	4				
10.1		LIGHTNING PROTECTION						
10.1.1	SANS 10292	<u>Surge arrestors with flag indication</u>						
10.1.2	SANS 10293	6kA surge arrestors, single pole 275V withstand	Item	2				
10.1.3	SANS 10142	40kA DEHN guard 230/400, 4 pole	Item	0				Rate Only
10.1.4	SANS 10313							
10.2	SANS 61312	<u>Modular DIN-rail fuse holder and fuse assembly, with indication, with</u> 125A, fast acting	Item	0				Rate Only
Total for section carried to Summary								

Item	Std	Description	Unit	Qty	Labour Rate	Material Rate	Total Rate	Amount (N\$)
11.1		SECTION 11 : PROVISIONAL SUMS						
11.1.1		NOTE: Sub-contractors to provide for profit and attendance on all provisional items below and will be adjusted accordingly on the final cost of each item						
11.1.1		MAIN ELECTRICAL SUPPLY ARRANGEMENT WITH NORED PREMIER ELECTRIC						
11.1.1		Provisional sum for liaising with coordinating and payment of main electrical supply (cabling, transformer and metering and consumer meters etc.) with local supply authority	Prov	1				15,000.00
11.1.2		Allow for profit () % Subcontractor to indicate	%					
11.1.3		Allow for attendance () % Subcontractor to indicate	%					
11.2		TELEPHONE AND DATA INSTALLATION						
11.2.1		Provisional sum for telephone and data installation by specialist	Prov	1				100,000.00
11.2.2		Allow for profit () % Subcontractor to indicate	%					
11.2.3		Allow for attendance () % Subcontractor to indicate	%					
11.3								
11.3.1								
11.3.2								
11.3.3								
11.4								
11.4.1								
11.4.2								
11.4.3								
Total for section carried to Summary								

Project: Okanguati Settlement Office Phase 1
Project no: P2684
Client: Kunene Regional Council
Consultant: Lithon Project Consultants (Pty)Ltd



Lithon
 Project Consultants

SUMMARY OF SECTIONS

ITEM	DESCRIPTION	AMOUNT (N\$)
S.1	SECTION 1 : PRELIMINARY AND GENERAL	
S.2	SECTION 2 : EXCAVATION, BUILDERS & SITE WORKS	
S.3	SECTION 3 : WIRES AND CABLING	
S.4	SECTION 4 : DISTRIBUTION BOARDS	
S.5	SECTION 5: SWITCH GEAR	
S.6	SECTION 6: LIGHT POINTS & LIGHT FIXTURES	
S.7	SECTION 7 : SOCKET OUTLETS & POWER POINTS	
S.8	SECTION 8 : ACCESSORIES	
S.9	SECTION 9 : WIRE WAYS	
S.10	SECTION 10 : EARTHING AND LIGHTNING PROTECTION	
S.11	SECTION 11 : PROVISIONAL SUMS	
	Total for Bill of Quantities	
	Add Contingency (10%)to be spend with authorisation of Employer/Engineer	
	Sub Total	
	VAT (15%)	
	Total Bidding Price (Incl. VAT)	

ANNEXURE B - DRAWINGS

NOTES:
ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION.
CONSTRUCTION OF ALL DIMENSIONS TO BE REPORTED TO THE PROJECT MANAGER.
STORMWATER LEVELS AS PER CIVIL ENGINEERS SPECIFICATIONS

REVISIONS
DATE

PLOT
7113-207-17-13 (changed office printed on 13 JUL 2022 at 17:46:03)
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SIGNED
DATE

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WWW.LMARCHITECTS.COM

CONSTRUCTION DRAWINGS (CD)

QUANTITY SURVEYOR
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P.O. BOX 880, WILLOWDALE, ONTARIO
TEL: (416) 491-1111 | FAX: (416) 491-1112
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PROJECT TITLE:
CONSTRUCTION OF THE NEW
OKANGATI SETTLEMENT
OFFICE

DRAWING TITLE:

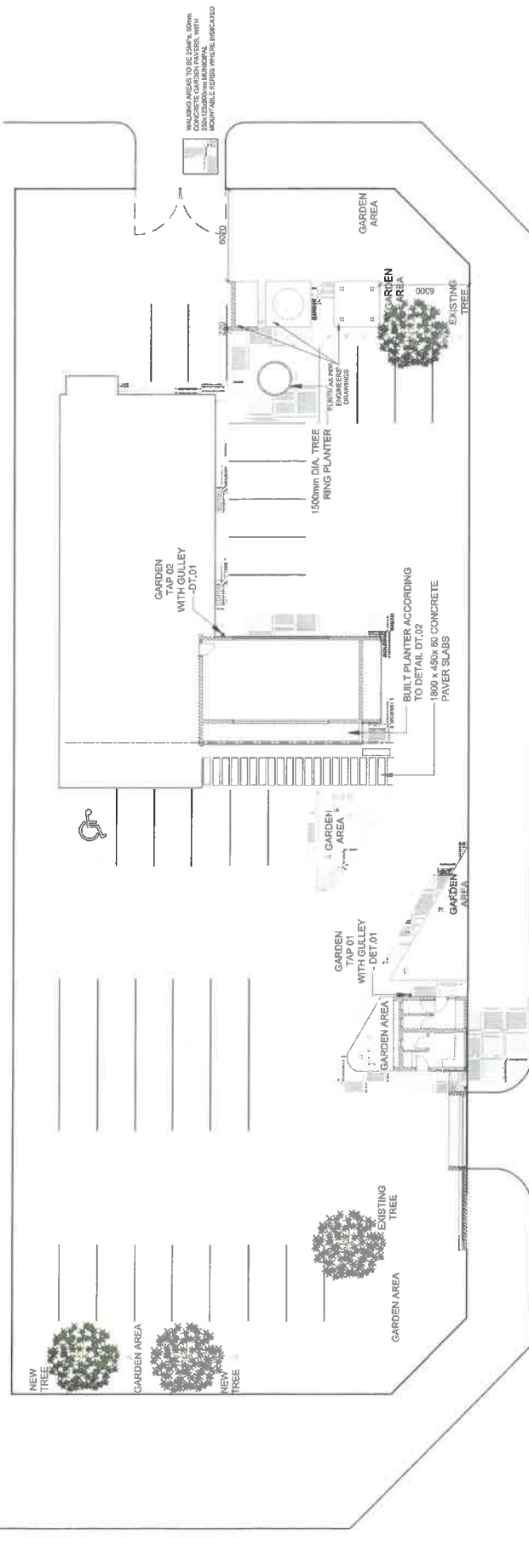
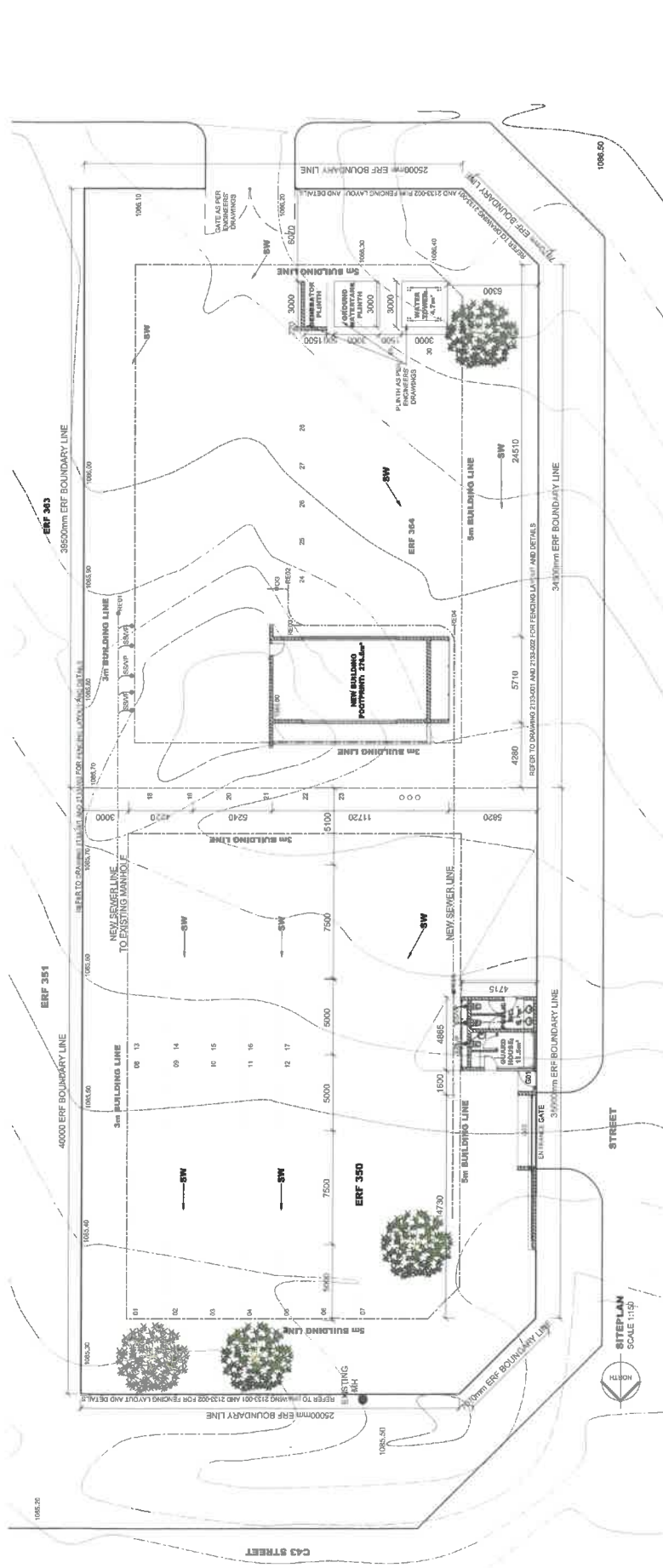
SITE PLAN, PAVING AND
LANDSCAPING LAYOUT

SCALE
AS INDICATED

CHECKED
L.W.K.

DATE
12 JUL 2022

REVISION
2133-000



PAVING AND LANDSCAPING LAYOUT
SCALE 1:150

NOTES: CONSTRUCTION TO BE KEPT ON SITE UNTIL THE CONSTRUCTION OF THE BUILDING IS COMPLETED. TO THE ARCHITECT IMMEDIATELY.

CIP	CONCRETE STRUCTURE POST AS PER DRAWING PPM&C-010
IMP	INTERMEDIATE PERMANENT POST AS PER DRAWING PPM&C-010
EP	END POST AS PER DRAWING PPM&C-010

NO	REVISIONS	DATE
1	ISSUED FOR PERMIT	12 JUL 2022
2	ISSUED FOR PERMIT	12 JUL 2022

DATE: 12 JUL 2022

PROJECT: 2100mm HIGH RAZOR MESH FENCE WITH 75mm RAZOR TIEBACK POSTS 2000mm ON PERIMETER OF ERF AS PER LAYOUT

SCALE: 1:500

DATE	12 JUL 2022
PROJECT	2100mm HIGH RAZOR MESH FENCE WITH 75mm RAZOR TIEBACK POSTS 2000mm ON PERIMETER OF ERF AS PER LAYOUT
SCALE	1:500

ARCHITECT: LOMBER KOTZE ARCHITECTS INCORPORATED
21A-CHICKADEE LN 2 | PO BOX 2111, INYOWA
TEL: +263 69 49 76 76 | EMAIL: INFO@LKA.CO.ZA

CONSTRUCTION DRAWINGS (CD)

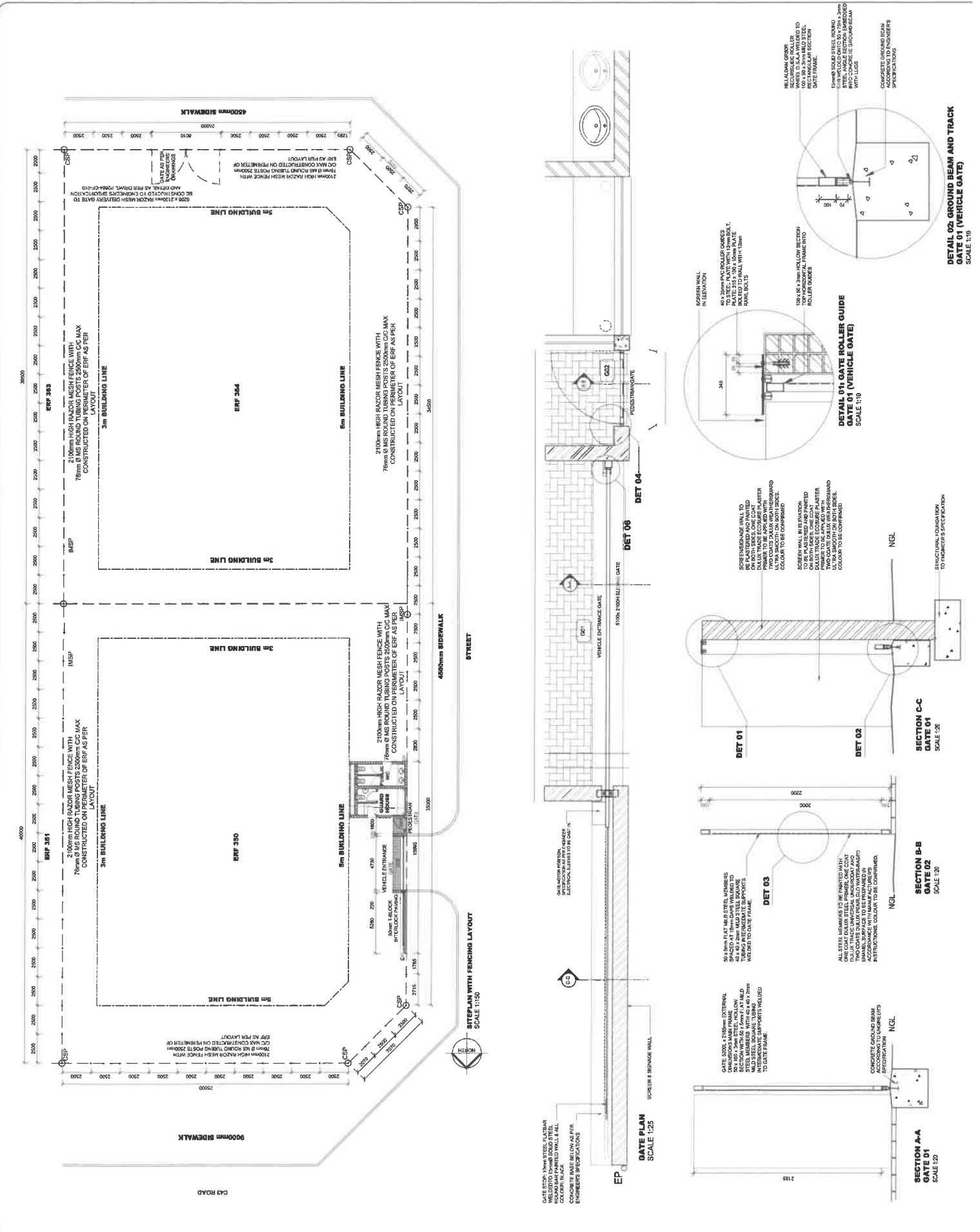
QUANTITY SURVEYOR: J&L PROJECT CONSULTANTS
P O BOX 1002, WINDHOLK, NAMIBIA
TEL: +263 61 233 233 | EMAIL: INFO@JLCONS.COM

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TEL: +263 61 233 233 | EMAIL: INFO@LITHONCONS.COM

PROJECT TITLE: CONSTRUCTION OF THE NEW OKANGUATI SETTLEMENT OFFICE

DRAWING TITLE	SITE PLAN WITH FENCING LAYOUT & GATE DETAILS
SCALE	AS SHOWN
DATE	12 JUL 2022
DESIGNED	L.N.K.
CHECKED	L.N.K.
APPROVED	L.N.K.
CONVEYANCE DRAWING NO.	21033.001



NOTES.

Nr	REVISION

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 21.03.2022 01
 21.03.2022 01

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14 204 1613 25 102 / 03 | EMAIL info@lra.co.za

CONSTRUCTION DRAWINGS (CD)

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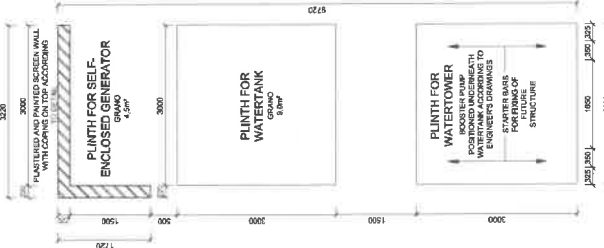
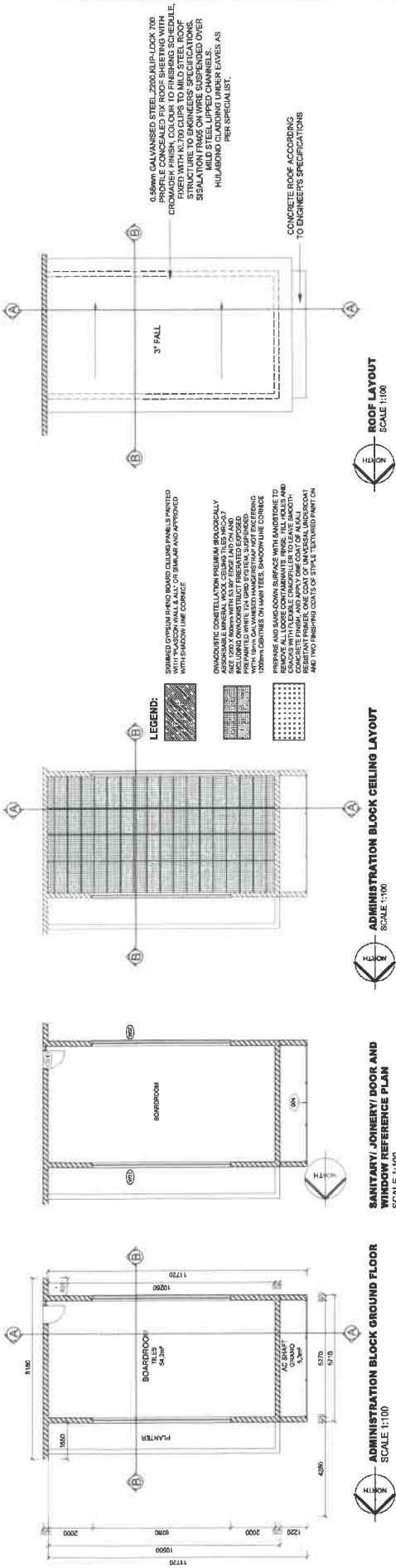
PROJECT TITLE:
CONSTRUCTION OF THE NEW
OKANGUATI SETTLEMENT
OFFICE

DRAWING TITLE:
GROUND FLOOR PLANS, EXTRACT
DETAILS, CEILING PLAN AND ROOM
PLAN

SCALE AS INDICATED	DRAWN A.R.	CHECKED L.W.K.	DATE 12 JUL 2022
-----------------------	---------------	-------------------	---------------------

CONSULTANT DRAWING No. 2133-100

REVISION



**WATER TANK, WATER TOWER AND
GENERATOR LAYOUT**
SCALE 1:50

NOTES:
1. ALL WORKING DRAWINGS ARE TO BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECT.
2. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING.
3. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING.

REV	DATE	REVISIONS
1	2022-07-12	ISSUED FOR PERMIT
2	2022-07-12	ISSUED FOR PERMIT
3	2022-07-12	ISSUED FOR PERMIT

REV	DATE	REVISIONS
1	2022-07-12	ISSUED FOR PERMIT
2	2022-07-12	ISSUED FOR PERMIT
3	2022-07-12	ISSUED FOR PERMIT

ARCHITECT:
LOUISER K. G. ARCHITECTS INCORPORATED
22 HUNTER STREET, 4TH FLOOR, TORONTO, ONTARIO M5H 1A1
TEL: 416-593-1111 FAX: 416-593-1112
WWW.LKARCHITECTS.COM

CONSTRUCTION DRAWINGS (CD)

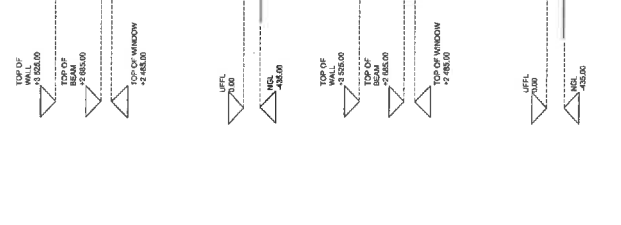
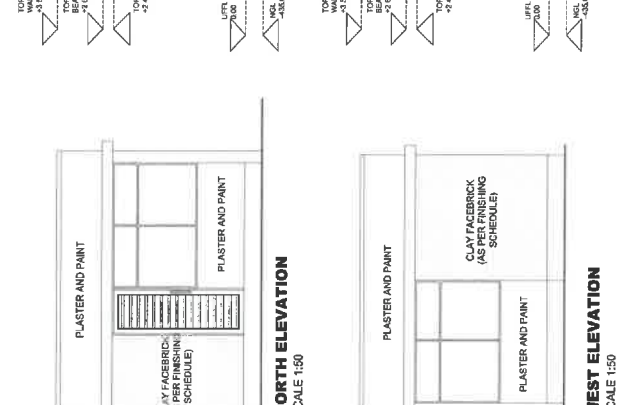
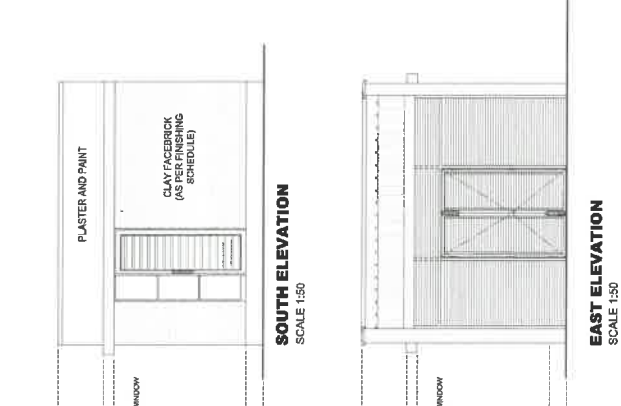
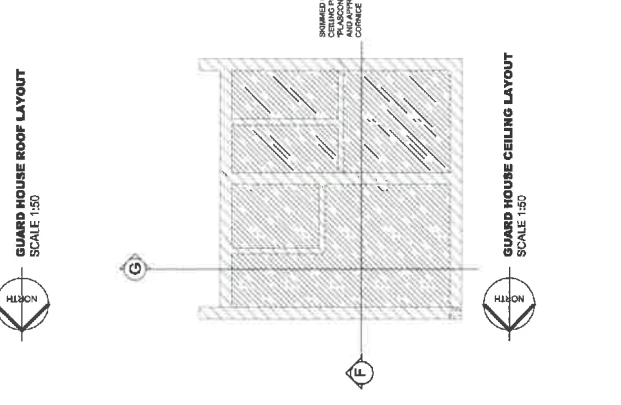
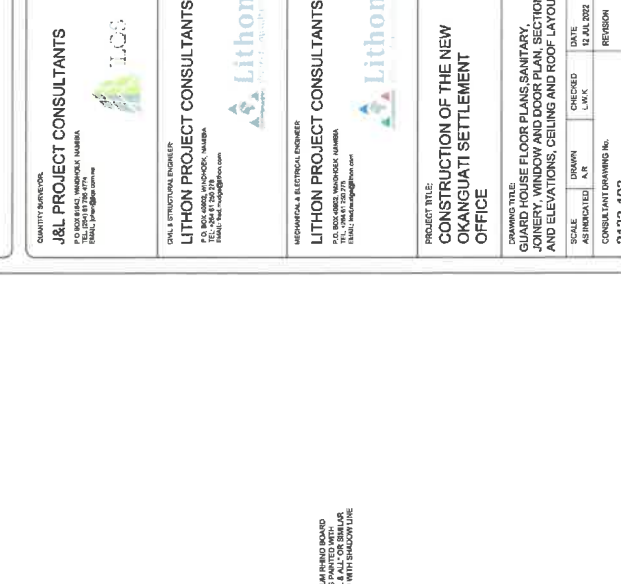
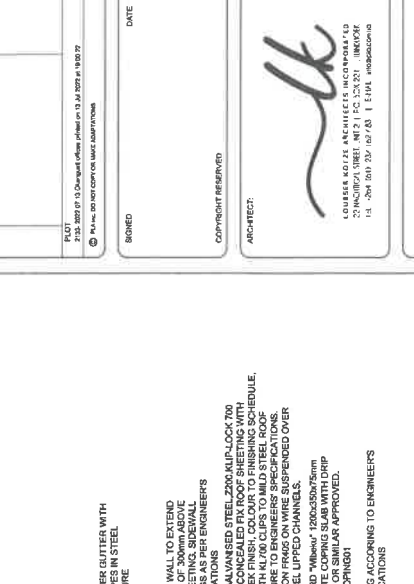
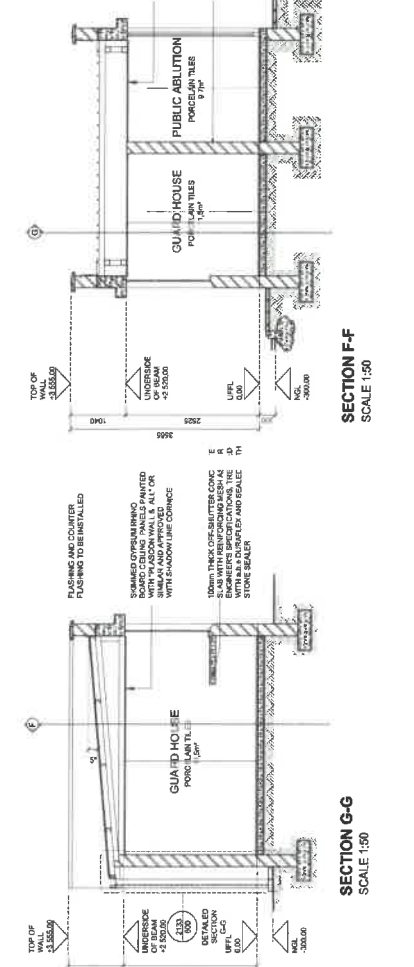
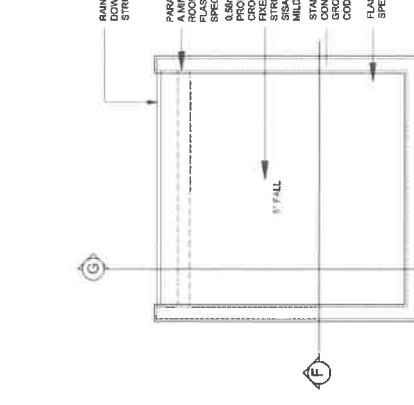
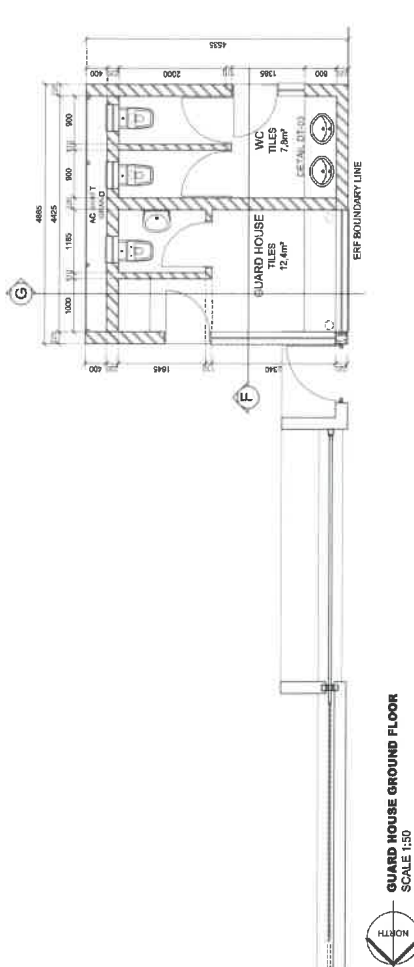
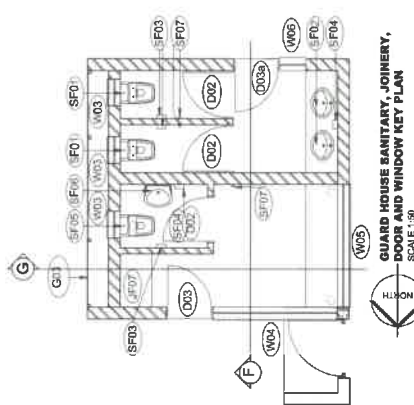
QUANTITY SURVEYOR:
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MECHANICAL & ELECTRICAL ENGINEER:
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PROJECT TITLE:
CONSTRUCTION OF THE NEW
OKANGUATI SETTLEMENT
OFFICE

SCALE	DATE	REVISION
AS SHOWN	12 JUL 2022	1
AS SHOWN	12 JUL 2022	2
AS SHOWN	12 JUL 2022	3



NOTES:
1. ALL DIMENSIONS ARE IN METERS (M) UNLESS OTHERWISE SPECIFIED.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE ARCHITECT IMMEDIATELY.

REVISIONS

DATE

PROJECT

2133-300

2133-300 (1) Drawing Office Internal on 13 Jul 2022 at 13:39:39

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SIGNED

DATE

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CONSTRUCTION DRAWINGS (CD)

QUANTITY SURVEYOR

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WWW.LITHONPROJECTCONSULTANTS.COM



PROJECT TITLE:

CONSTRUCTION OF THE NEW

OKANGUATI SETTLEMENT

OFFICE

DRAWING TITLE

NORTH, SOUTH AND WEST

ELEVATIONS

SCALE

AS INDICATED

DATE

13 JUL 2022

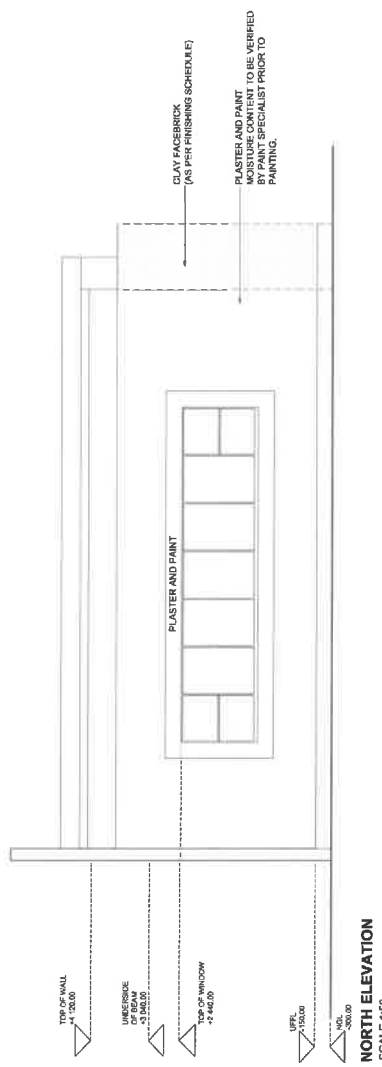
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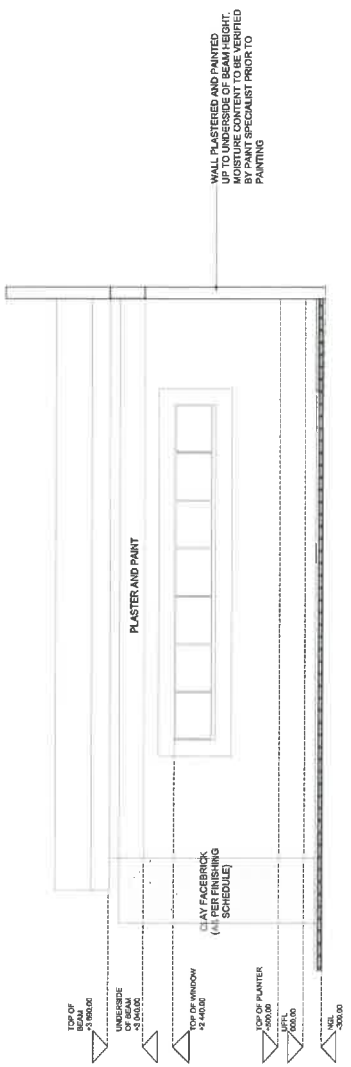
DESIGNED

2133-300

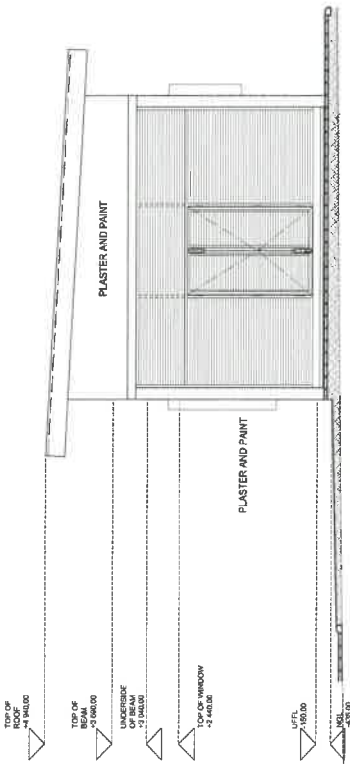
REVISION



NORTH ELEVATION
SCALE 1:50



SOUTH ELEVATION
SCALE 1:50



WEST ELEVATION
SCALE 1:50

DOOR SCHEDULES

Note: All glazing larger than 1m² to be safety glass, all panels 500mm from FFL to be safety glass. Contractor to have all aluminium work measured on site and NOT ordered from the Door and Window Schedule.

NOTES:
ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.

[illegible][illegible]

WINDOW SCHEDULES

Note: All glazing larger than 1m² to be safety glass. Contractor to have all aluminium work measured on site and NOT ordered from the Door and Window Schedule.

DRAW. FROM THE OUTSIDE ELEVATION	
W01 SCALE 1:25	
CATALOGUE & ACTION	CUSTOM MADE ALUMINIUM WINDOW WITH OPENING SECTIONS AS INDICATED
FRAME & No. REGD	BLACK POWDER COATED ALUMINIUM FRAME
GLASS & GLAZING BEAD	6.3mm SAFETY GLASS WITH GREY SOLARWUE 24L OR SIMILAR APPROVED
CILLS	INTERNAL CILL: PLASTERED EXTERNAL CILL: N/A
OTHER	N/A
FINISH	BLACK POWDER COATED ALUMINIUM
LOCATION	MAIN BUILDING: BOARDROOM 14 AMOUNT REQUIRED: 01

DRAW. FROM THE OUTSIDE ELEVATION	
W02 SCALE 1:25	
CATALOGUE & ACTION	CUSTOM MADE ALUMINIUM WINDOW WITH OPENING SECTIONS AS INDICATED
FRAME & No. REGD	BLACK POWDER COATED ALUMINIUM FRAME
GLASS & GLAZING BEAD	6.3mm SAFETY GLASS WITH GREY SOLARWUE 24L OR SIMILAR APPROVED
CILLS	INTERNAL CILL: PLASTERED EXTERNAL CILL: N/A
OTHER	N/A
FINISH	BLACK POWDER COATED ALUMINIUM
LOCATION	MAIN BUILDING: BOARDROOM 14 AMOUNT REQUIRED: 01

DRAW. FROM THE OUTSIDE ELEVATION	
W03 SCALE 1:25	
CATALOGUE & ACTION	STANDARD WISPCO OR EQUAL APPROVED, CODE P189 / TOP HUNG OPENOUT
FRAME & No. REGD	BLACK POWDER COATED ALUMINIUM OR EQUAL APPROVED CASSETTE FRAME (60 mm DEEP)
GLASS & GLAZING BEAD	6.3mm SAFETY GLASS WITH GREY SOLARWUE 24L OR SIMILAR APPROVED
CILLS	INTERNAL CILL: MATCHING CERAMIC WALL TILES TO 1% SLOPE AWAY FROM WINDOW EXTERNAL CILL: MIN. 10 mm PLASTERED SLOPE
OTHER	N/A
FINISH	BLACK POWDER COATED ALUMINIUM
LOCATION	GARDENHOUSE: INC 14 PUBLIC AUDITORIUM: INC 24 AMOUNT REQUIRED: 02

DRAW. FROM THE OUTSIDE	
W04 SCALE 1:25	
CATALOGUE & ACTION	CUSTOM MADE ALUMINIUM WINDOW WITH OPENING SECTIONS AS INDICATED
FRAME & No. REGD	BLACK POWDER COATED ALUMINIUM SHORFPONT OR EQUAL APPROVED
GLASS & GLAZING BEAD	6.3mm SAFETY GLASS WITH GREY SOLARWUE 24L OR SIMILAR APPROVED
CILLS	INTERNAL CILL: PLASTERED EXTERNAL CILL: N/A
OTHER	N/A
FINISH	BLACK POWDER COATED ALUMINIUM
LOCATION	MAIN BUILDING: RECEPTION AMOUNT REQUIRED: 61

DRAW. FROM THE OUTSIDE	
W05 SCALE 1:25	
CATALOGUE & ACTION	CUSTOM MADE ALUMINIUM WINDOW WITH OPENING SECTIONS AS INDICATED
FRAME & No. REGD	BLACK POWDER COATED ALUMINIUM SHORFPONT OR EQUAL APPROVED
GLASS & GLAZING BEAD	6.3mm SAFETY GLASS WITH GREY SOLARWUE 24L OR SIMILAR APPROVED
CILLS	INTERNAL CILL: PLASTERED EXTERNAL CILL: N/A
OTHER	N/A
FINISH	BLACK POWDER COATED ALUMINIUM
LOCATION	MAIN BUILDING: RECEPTION AMOUNT REQUIRED: 91

NOTES:
1. CONTRACTOR TO BE ADVISED OF ANY CHANGES TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.

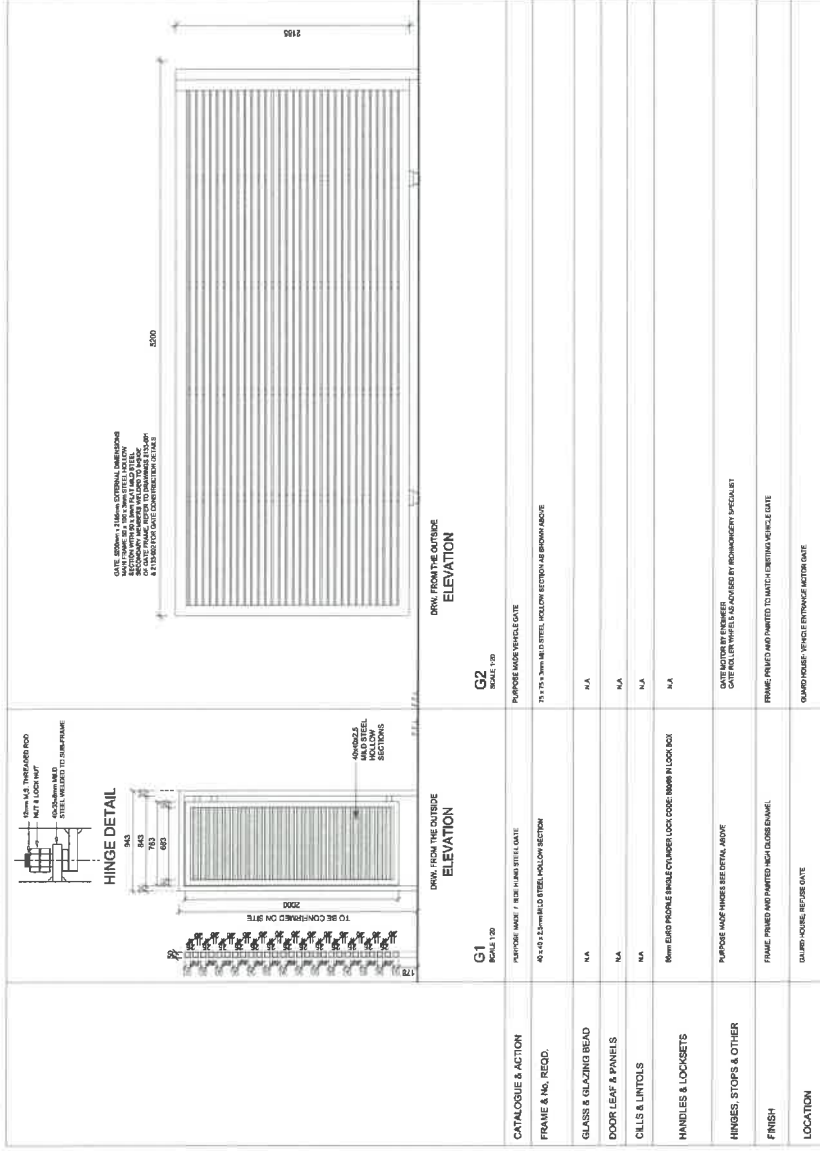
NO.	REVISIONS	DATE
		</

NOTES:
ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.

[illegible]

GATE SCHEDULES

Note: All structural steel members to be confirmed and checked by structural engineer.



Note: All structural steel members to be confirmed and checked by structural engineer.

ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.

[illegible][illegible]

NOTES:
ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. ANY VARIATIONS TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.

REVISIONS

DATE

PILOT

1100 2022/05/13 (Original office issued on 13 Jul 2022 at 9:43:19)
A.J.M. 00107 (00107) (00107) (00107)

SIGNED

DATE

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ARCHITECT:

CONCRETE & ELECTRICAL ENGINEERING
LITHION PROJECT CONSULTANTS
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A.J.M. 00107 (00107) (00107) (00107)

CONSTRUCTION DRAWINGS (CD)

QUANTITY SURVEYOR

J&L PROJECT CONSULTANTS

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A.J.M. 00107 (00107) (00107) (00107)

CIVIL & ELECTRICAL ENGINEER

LITHION PROJECT CONSULTANTS

1100 2022/05/13 (Original office issued on 13 Jul 2022 at 9:43:19)
A.J.M. 00107 (00107) (00107) (00107)

MECHANICAL & ELECTRICAL ENGINEER

LITHION PROJECT CONSULTANTS

1100 2022/05/13 (Original office issued on 13 Jul 2022 at 9:43:19)
A.J.M. 00107 (00107) (00107) (00107)

PROJECT TITLE:

CONSTRUCTION OF THE NEW
OKANGUATI SETTLEMENT
OFFICE

DRAWING TITLE

DETAILS

SCALE

AS INDICATED

DRAWN

CHECKED

DATE

REVISION

2133-670

BRICK WALL PLASTER & PAINTED.
COLOUR AS PER ARCHITECT

COBRA BRASS BIB/TAP,
CODE: 209/H-15X3/4
MOUNTED AT 800mm
ABOVE FINISHED APRON.
TAP PIPE TO BE CHASED
INTO WALL

EXTENSION PIECE

CHASING IN
BRICKWORK
FOR PIPE

TO SITE WATER RETICULATION
CONNECTION

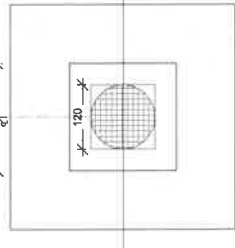
SECTION

GARDEN TAP: 100mm BRASS BIB/TAP, CODE: 209/H-15X3/4, MOUNTED AT 800mm
ABOVE FINISHED APRON. TAP PIPE TO BE CHASED INTO WALL WITH AN
EXTENSION PIECE FOR THE TAPHEAD TO BE SCREENED OFF.

GUILTY:

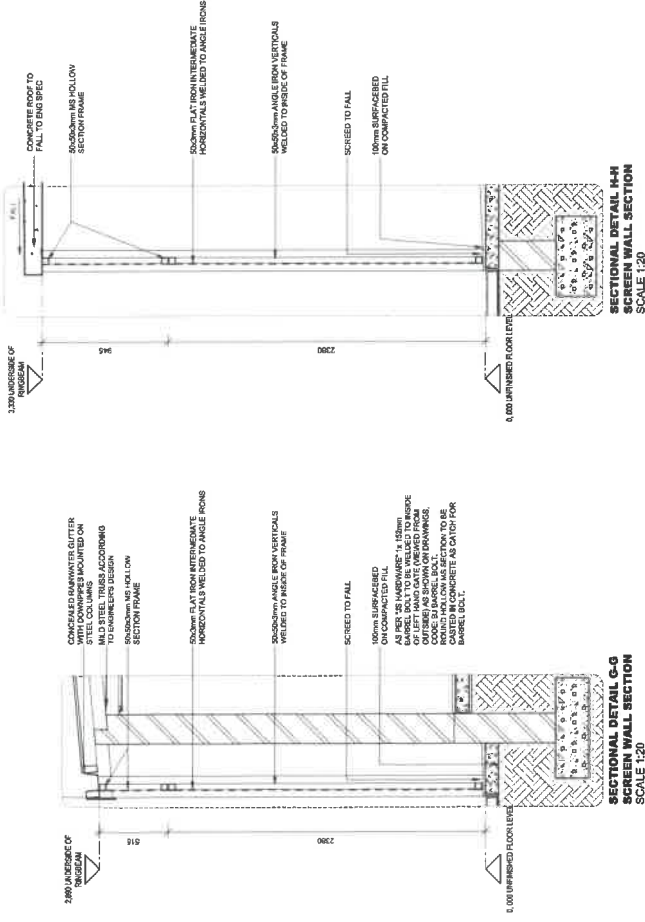
GENERAL BRICKWORK WITH MARBLE GUILTY (P-TYPE) CODE: 209/H-15X3/4,
MOUNTED AT 800mm ABOVE FINISHED APRON. TAP PIPE TO BE CHASED INTO
WALL WITH AN EXTENSION PIECE FOR THE TAPHEAD TO BE SCREENED OFF.

110 110 200 100 110 110



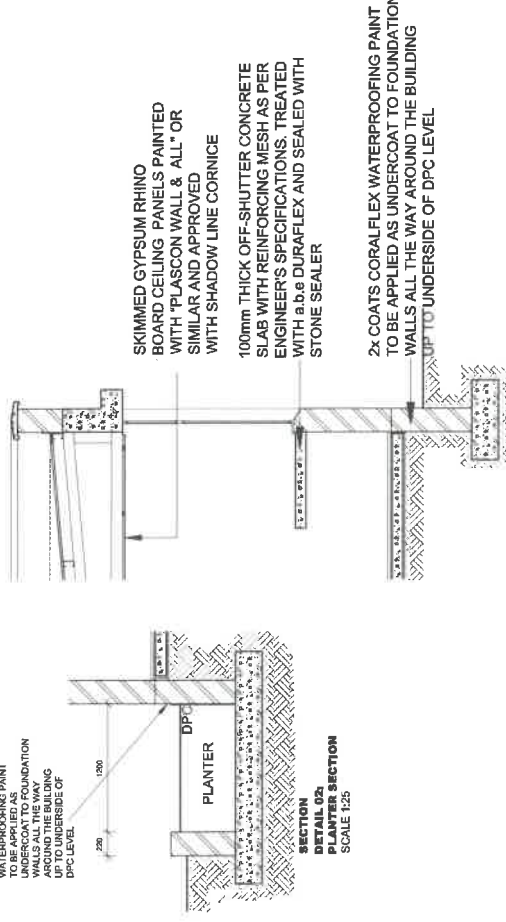
PLAN

DETAIL 01:
GARDEN TAP AND GULLY
SCALE 1:5



SECTIONAL DETAIL 04:
SCREEN WALL SECTION
SCALE 1:20

SECTIONAL DETAIL 03:
SCREEN WALL SECTION
SCALE 1:20



DETAIL DT-03:
CONCRETE COUNTER
IN PUBLIC ABLUTION
SCALE 1:30

SKIMMED GYPSUM RHINO
BOARD CEILING PANELS PAINTED
WITH 'PLASCON WALL & ALL' OR
SIMILAR AND APPROVED
WITH SHADOW LINE CORNICE

100mm THICK OFF-SHUTTER CONCRETE
SLAB WITH REINFORCING MESH AS PER
ENGINEER'S SPECIFICATIONS. TREATED
WITH a.b.e DURAFLEX AND SEALED WITH
STONE SEALER

2x COATS CORALFLEX WATERPROOFING PAINT
TO BE APPLIED AS UNDERCOAT TO FOUNDATION
WALLS ALL THE WAY AROUND THE BUILDING
UP TO UNDERSIDE OF DPC LEVEL



LOUBSER KOTZE ARCHITECTS INCORPORATED

REG. 20

OKANGUATI – FINISHING SCHEDULE – 13 JULY 2022

INTERNAL FINISHES

FLOORS:

- 100mm Concrete floor slab as per Engineer's specification with 30mm thick screed.
- 600x600mm Porcelain tiles, prime cost N\$ 350.00, excl. VAT, by fixed with 'Tal' Goldstar 6 tile adhesive, with 3mm joints and flush pointed with 'Tal' tile grout, colour: Dove Grey. Bonding liquid to be used when mixing grout of all floor tiles. Tiling as per tiling layout.
- 100mm Porcelain tile skirting, prime cost N\$ 350.00, excluding VAT with 'M-Trim' CASE120 12mm aluminium straight edge metal trim to all edges.
- 'M-Trim' AMJ120 12mm aluminium movement joint strips to all joints.
- Movement joints to be filled with Tal Sealmaster Cord and sealed with Tal Goldstar Sealmaster 1000 Polyurethane joint sealant.

SKIRTING:

- 100mm returned floor tile.

INTERIOR WALLS:

- 15mm Steel finished smooth sand/cement plaster. Apply 1 coat Plaster Primer (MCE-1) with a lamb wool roller. Leave to dry. Touch up small holes and hair cracks with either Flex Fill 2 (MXRP-2) or Poly filler. Poly filler spots must be sealed with Sealer (MB-30), before topcoat is applied. Prepare and apply two coats "Peralin PVA Grade 1 (MEAG) on new plaster. Colour to be confirmed by Architect.
- 300x600x6mm SAMCA OMA matt ceramic wall tiles to all WC ablution walls, fixed with 'Tal' professional ceramic tile adhesive, with 3mm joints and flush pointed with 'Tal' tiles grout, colour: Super White with 'M-Trim' CASE080 aluminium straight edge trim to all corners.
- 110 / 220mm Corobrick Terracotta Smooth Clay Facebrick skin to wall portions as shown on 3D images and elevations.

WINDOWS & DOORS:

- Aluminium powder coated doorframes/ shopfronts, colour black aluminium.
- Aluminium powder coated doorframes and Doors, colour black aluminium, as per door and Window Schedule.
- Internal Timber doors to be painted Dulux Pearl glo water-based enamel, colour to be confirmed. Apply one coat Dulux Wood Primer (Full Prime), apply one coat Dulux Trade universal Undercoat, apply two coats Dulux Pearl glo water-based enamel with a sheepskin roller, brush or via spraying, paint to be as specified or similar and approved.

CEILING:

- 1200x600x15/600x600x15 OWAacoustic Constellation Premium mineral wool ceiling tiles with square edge and white painted finish, laid on fire rated OWAconstruct S3a exposed demountable T24 suspension system, comprising of galvanised main tees and cross tees with main tees suspended by means of galvanised hangers not exceeding 1200mm c/c spacings, all installed according to manufacturer's specification with OWAconstruct shadowline w-trim, plugged and screwed at max 200mm c/c spacings.
- 9,5mm Skimmed Rhinoboard ceilings to all WC/ public ablution/ reception areas as per ceiling plan. Apply 1 or 2 coats Sealer (MB-30) with a lamb wool roller as per supplier. Leave to dry. Surface must be clean and dry. Apply PERA SKIM COAT (MXSK) at max. 4mm with a trowel or scraper as per supplier specifications. Leave to dry and sand smooth. (for a smooth surface, fine sandpaper +/- 140 to be used. Apply 2 coats topcoat "Peralin Ceiling Paint MEZ" with a lamb wool roller.



EXTERNAL FINISHES

FLOORS:

- 100mm Concrete floor slab as per Engineer's specification with 30mm thick screed and sealed with sealant.
- 600x600mm Porcelain tiles, prime cost N\$ 350.00, excl. VAT, by fixed with 'Tal' Goldstar 6 tile adhesive, with 3mm joints and flush pointed with 'Tal' tile grout, colour: Dove Grey. Bonding liquid to be used when mixing grout of all floor tiles. Tiling as per tiling layout.
- 100mm Porcelain tile skirting, prime cost N\$ 350.00, excluding VAT with 'M-Trim' CASE120 12mm aluminium straight edge metal trim to all edges.
- 'M-Trim' AMJ120 12mm aluminium movement joints to all joints.

WALLS:

- 15mm Wood finished smooth sand/cement plaster. Apply 1 coat Plaster Primer (MCE-1) with a lamb wool roller. Leave to dry. Touch up small holes and hair cracks with either Flex Fill 2 (MXRP-2) or Poly filler. Poly filler spots must be sealed with Sealer (MB-30), before topcoat is applied. Prepare and apply two coats "Peralin PVA Grade 2 MEL" on new plaster.
- 110 / 220mm Corobrick Terracotta Smooth Clay Facebrick skin to wall portions as shown on 3D images and elevations.

WINDOW SILLS:

- Plastered and Painted brick on edge external sills to minimum 10 degree slope.

WINDOWS & DOORS:

- Aluminium powder coated windows and doors, colour: Bronze.

ROOF:

- 0,58mm Galvanised steel, Z200, Klip-Lok 700 profile concealed fix roof sheeting with Chromadek finish, colour to be confirmed, fixed with KL700 clips to mild steel roof structure to Engineer's specification.
- Sisalation FR 405 or similar approved reinforced aluminium insulating foil installed with 30mm overlaps both sides on 16mm galvanised support wires @+/- 380mm C/C suspended over purlins on steel wire.

STEELWORK

- All structural steel as per Engineer's specification. Apply 1 or 2 coats (MXC-1) Metal Cleaner, apply one coat "Peralin Water-base Metal Anti-Rust Primer (MCWP-1) and apply two coats "Peralin PVA Grade 1 (MEAG). Colour to be confirmed by Architect.

PAVING:

- Aprons and walking areas to be 25 MPa, 60mm rectangular concrete garden pavers with 250x125x900mm municipal barrier kerbs to all sides.

OKANGUATI SETTLEMENT OFFICE – 2133 – 13 JULY 2022
IRONMONGERY SCHEDULE

D01: ALUMINIUM BOARDROOM DOOR

- HINGES BY ALUMINIUM MANUFACTURER, TO PRIOR APPROVAL OF ARCHITECT
- 'GEZE' 40mm EURO PROFILE CYLINDER DEADLOCK, CODE: GGE272568 WITH 66mm DOUBLE CYLINDER, CODE: GIG950933338
- (1x) 'GEZE' STAINLESS STEEL ESCUTCHEON, CODE: GEDD908RC69
- 'GEZE' 25mm DIAMETER 400mm LONG JS206 OFFSET PULL HANDLE WITH ROSE, CODE: GEKA2064169
- (2x) 'GEZE' STAINLESS STEEL DOOR STOP, CODE GESC00069



AMOUNT REQUIRED: (x1)

D02: INTERNAL TIMBER DOORS

- HINGES BY ALUMINIUM MANUFACTURER
- 'GEZE' STAINLESS STEEL FLOOR STOP, CODE GESC00069
- 'GEZE' MORTICE WC INDICATOR TURN WITH LOCKSET, CODE: GESE00201



AMOUNT REQUIRED: (x3)

D03: ALUMINIUM LOUVRE DOORS

- HINGES BY ALUMINIUM MANUFACTURER, TO PRIOR APPROVAL OF ARCHITECT
- 'GEZE' 40mm EURO PROFILE CYLINDER DEADLOCK, CODE: GGE272568 WITH 66mm DOUBLE CYLINDER, CODE: GIG950933338
- 'GEZE' STAINLESS STEEL DOOR STOP, CODE GESC00069



AMOUNT REQUIRED: (x2)

- 'GEZE' SANFORD TUBULAR LEVER ON ROSE WITH ESCUTCHEON, CODE: EDD104C069 (1x GUARD HOUSE)
- 'GEZE' 25mm DIAMETER 400mm LONG JS206 OFFSET PULL HANDLE WITH ROSE, CODE: GEKA2064169 (1x PUBLIC ABLUTIONS)
- 'GEZE' TS3000V DOOR CLOSER WITH STANDARD GUIDE RAIL, CODE: AZ3003 (1x PUBLIC ABLUTIONS)



OKANGUATI – 2133 – PHASE 01 – 13 JULY 2022

SANITARY SCHEDULE – REVISION 00

SF01: WC (STAFF ABLUTION)

- 'Betta' Diplomat wall hung pan, code: TH01208A.
- 'Geberit' Kombifix Alpha concealed cistern and straight connector, code: GEB-110.176.00.1.
- 'Gerberit' Alpha 15 bright chrome dual flush actuator plate, code: GEB-115.045.21.1.

AMOUNT REQUIRED: (2x)

(2x) PUBLIC TOILET

SF02: BASIN (STAFF & PUBLIC ABLUTION)

- 'Gerberit' Selnova 550x460x173mm drop in basin, code: GEB-500.306.01.1.
- 'Grohe' Euroeco Cosmopolitan self-closing with blue marking, code: GRO-36265000.
- 'Viega' slotted valve with stationary cover, code: 5432.
- 'Viega' Eleganta bottle trap, code: 5788.
- (1x) 'Gio' Benkiser angle valve, code: GIO-5188.
- (1x) 'Aquatouch' 350mm stainless steel flexi connector, code: SA033.

AMOUNT REQUIRED: (2x)

(2x) PUBLIC TOILET

SF03: TOILET HOLDER (STAFF ABLUTION, DISABLED, PUBLIC ABLUTIONS, GUARD HOUSE)

- 'Taurus' Serra SQ3 stainless steel square toilet holder, code: 48-SD1350.

AMOUNT REQUIRED: (3x)

(2x) PUBLIC TOILET

(1x) GUARD HOUSE TOILET



SF04: SOAP DISPENSER (STAFF ABLUTION)

- 'Taurus' Serra Bactisan stainless steel soap dispenser, code: 48-SD1981.

AMOUNT REQUIRED: (2x)

(1x) PUBLIC TOILET

(1x) GUARD HOUSE



SF07: ROBE HOOK

- "Bathroom Butler" Premium collection series 4600 single robe hook, code: 4610POLS.

AMOUNT REQUIRED: (3x)

(2x) PUBLIC TOILET

(1x) GUARD TOILET



SF05: GUARD HOUSE WC

- 'Betta' consul close-coupled floor mounted WC pan, code: TC0408A, colour: White,
- 'Betta' Universal front flush cistern shell and lid, code: CU0108A, colour: White,
- 'Pennyware' Bemis 5000 toilet seat and cover, code: 41165501, colour: White.
- Dutton Plastics – Universal – toilet cistern flush mechanism – Low Level Complete – LLFF1 – Light Blue. Note: Low level front flush 1 ¾ inch outlet.
- 1x 'Schlösser' 15 x 15mm angle valve, code: 7111.
- 1x 'Aquatouch' 15 x 15mm, 450mm long flexi connector, code: SA30.



AMOUNT REQUIRED: (1x)

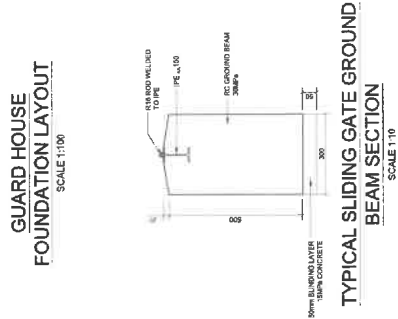
(1x) GUARD TOILET

SF06: GUARD HOUSE WHB

- 'Betta' Flair WHB, code WF0208A, colour: white, wall hung basin 470x 290mm WF – 0208A – White. Basin only, with 2 semi-punched tap holes.
- Hung from wall by Adolf Schmidt – Universal Fixation set – Basin Bolts M10x140mm – 471400 – Chrome.
- Cobra Chrome Plated, Click Waste, Slotted.
- Slotted basin Aquawaste, chrome-plated with Flanged brass back nut. Code SKU-302-32, Depth: 78mm, Outlet: 31.75mm, Weight: 0.28g.
- Cobra 32mm Chrome Plated Bottle Trap, code:340,
- 1x 'Schlösser' 15 x 15mm angle valve, code: 7111.
- 1x 'Aquatouch' 15 x 15mm, 450mm long flexi connector, code: SA30.
- Cobra Watertech Carina 15mm Chrome Plated Pillar Tap, code: 112, with flanged backnut and blue indicator for cold water.



UNREINFORCED CONCRETE = 25MPa
REINFORCED CONCRETE = 30MPa



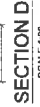
1. **Concrete Strength:**
All concrete strengths are specified on drawings and/or bending schedules.
2. **Waterproofing Admixtures (i.e., PENETRON):** to be added to concrete according to manufacturer's specification to all roof slabs and cooler room concrete.
3. This drawing to be read in conjunction with relevant architect's drawings.
4. For setting out and level dimensions refer to architect's drawings.

1. Order SSSAP tool to be used throughout.
2. Internal dimensions given to the medical team.
3. Overall dimensions are to outline dimensions.
4. All walls to be constructed that walls with minimum throat thickness at least thickness of thicker member.
5. Centre 30 bolts to be used throughout unless specified elsewhere.
6. All structural steelwork to be workshop painted with two layers zinc chromate primer prior to erection.
7. All workshop and fixing details to be requested by the appropriate party for installation.
8. Contractor to submit all shop drawings for approval.
9. Final plant drawings to client.

No	Date	Payment	Total
C	07/01/2012	For TEACHER	DV
B	10/02/2012	For TEACHER	DV
A	04/03/2012	For MEASUREMENT	DV

[illegible]

UNREINFORCED CONCRETE = 25MPa
REINFORCED CONCRETE = 30MPa



CONSTRUCTION NOTES

- STEEL NOTES

- FOR TENDER**

[illegible]

1. No part of the drawing must be scaled.
2. All dimensions should be indicated before any units on the data comments.
3. Any dimensions that may occur during the construction phase of the drawing must be brought immediately under the attention of the Engineer.

CONSTRUCTION NOTES

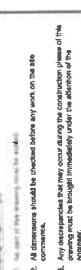
1. Concrete Strength
All concrete strengths as specified on drawings under heading 'CONCRETE'.
2. Reinforcement
Reinforcement shall be as specified on drawings under heading 'REINFORCEMENT'.
3. Manufacturer's Approval
All reinforcement shall be subject to manufacturer's approval in all instances and shall be subject to manufacturer's approval in all instances.
4. For setting out and final dimensions refer to architect's drawings.
5. Cover to reinforcement unless otherwise shown:
Columns 25mm
Beams 25mm
Foundations 50mm
6. All reinforcement shall be placed in accordance with the relevant code of practice and to meet the design requirements.
7. Foundations to be inspected by engineer prior to casting of any concrete.
8. Final 300mm levels of beams and slabs as per architect's submission.
9. All reinforcement must be checked by engineer prior to casting of any concrete.
10. All bars for reinforcement to be 20mm diameter of weather bar.
11. These steel reinforcement bars (S20) shall be provided in the reinforcement for every batch and area (max 25 cubic meters of concrete) point.

STEEL NOTES

1. Certain S200M steel to be used throughout.
2. Internal dimensions given in the structural notes.
3. Overall dimensions are to outside dimensions.
4. All walls to be constructed from solid with normal thermal properties of solid masonry of concrete masonry.
5. Gables 4.5 m to be used throughout unless specified otherwise.
6. All structural elements to be constructed in accordance with the relevant code of practice.
7. All structural elements to be constructed in accordance with the relevant code of practice.
8. All structural elements to be constructed in accordance with the relevant code of practice.
9. Contractor to submit all shop drawings for approval.
10. Final steel specifications to client.

FOR TENDER

No.	Date	Revision
C	01/01/2022	For TENDER
D	15/01/2022	For TENDER
A	01/02/2022	For SCALESHEET
B	01/02/2022	For SCALESHEET
E	01/02/2022	For SCALESHEET
F	01/02/2022	For SCALESHEET
G	01/02/2022	For SCALESHEET
H	01/02/2022	For SCALESHEET
I	01/02/2022	For SCALESHEET
J	01/02/2022	For SCALESHEET
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LT	01/02/2022	For S



FOR TENDER

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EXTERNAL SEWER LAYOUT PHASE 1

Date of issue	09/03/2022	Scale	1:150	Revision	C
Drawing No.		P2684-CS-001			



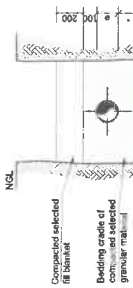
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46	-29137.772	-5053489.203
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Structure MH1 to Exist



Project	CONSTRUCTION OF THE OKANGUATI SETTLEMENT OFFICE		
Drawing Title	EXTERNAL WATER LAYOUT PHASE 1		
Date of Issue	08/03/2022	Scale	1:150
Drawing No.	P2694-CW-001		Revision C

1. No part of this drawing shall be scaled.
2. All dimensions should be indicated unless any work on the site commences.
3. Any discrepancies that may occur during the construction phase of this drawing must be brought immediately under the attention of the engineer.



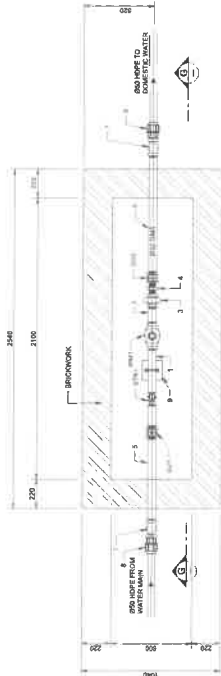
Typical Flexible Pipe Bedding
SCALE 1:25

VALVE AND INSTRUMENTATION SCHEDULE			
ITEM NO.	SIZE	QTY	DESCRIPTION
WM1	DN40	1	COLD WATER METER (SENSUS 400 S or similar and approved) with necessary fittings and accessories as specified by manufacturer
GV1 GV2	DN42	1	PN16 NON-RAISING SPINDLE GATE VALVE (CORRO 1002/125-15 or similar and approved)
STR1	DN42	1	PN16 Y-STRAINER

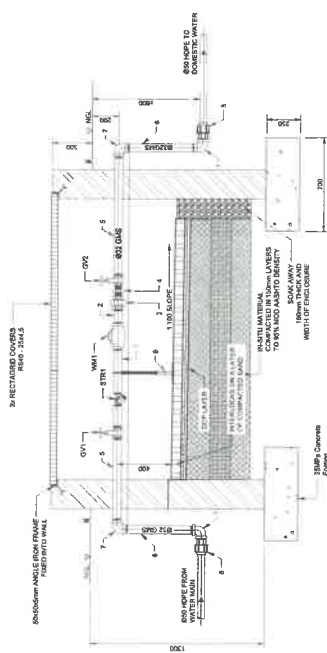
PIPE SCHEDULE			
ITEM NO.	SIZE	QTY	DESCRIPTION
1	DN42	1	GMS PIPE, THREADED BOTH ENDS (1" x 1/2" as specified by water meter manufacturer)
2	DN42	1	GMS PIPE, THREADED BOTH ENDS
3	DN42	1	GMS UNION (for connection joints)
4	DN42	1	GMS HEX NIPPLE (for connection joints)
5	DN42	2	GMS PIPE, THREADED BOTH ENDS
6	DN42	2	GMS PIPE, TEE, THREADED BOTH ENDS
7	DN42	4	90° GMS THREADED ELBOW
8	DN50x1 1/2"	2	MALE ADAPTER, TRANSITION FITTING FROM GMS TO HDPE
9	DN42	1	PIPE SUPPORT - ADJUSTABLE



SECTION G-G
N.T.S.



WATER METER - PLAN VIEW
N.T.S.



SECTION G-G
N.T.S.

FOR TENDER

No	Date	Revision
B	10/07/2022	Print & 1 Tender - Details issued
A	10/07/2022	For TENDER



Designed by	E. Alagudhi	Drawn by	E. Alagudhi
Checked by	C. V. Sathiyamoorthy	Approved by	E. Alagudhi
Approved for Tender		Approved Date	



Date of Issue	16/03/2022	Scale	AS SHOWN
Drawing No.	P2684-CW-003	Revision	B

2. All dimensions should be checked before any work on the site commences.
3. Any discrepancies that may occur during the construction phase of the drawing must be brought immediately under the attention of the architect.

CONSTRUCTION NOTES

- [illegible]

STEEL NOTES

1. Gravel 300x300 mm to be used throughout.
2. Internal dimensions given to the nearest mm.
3. Overall dimensions are to include drainage.
4. All walls to be continuous from walls with minimum finish thickness of at least 150mm of thinner member.
5. Concrete 1.8 batts to be used throughout unless specified elsewhere.
6. All structural steelwork to be workshop painted with two layers ZINC chromate primer prior to erection.
7. All electrical and piping details to be inspected by the engineer prior to installation.
8. Contractor to submit all shop drawings for approval.
9. Final audit specifications to client.

FOR TENDER

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Lithon
Project Consulting

[illegible]

Architect

Prinsloo Loubser Architects



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Windhoek

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Fax. +264(0)61 229 075

Cap. \$200,000,000 & up
Firm's strongest sector NA

Quantity Surveyor

J&L Project Consultants

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Email: info@j&l.com.bs ext 10

PO Box 11963
Westwood
Nassau

J&L

Kunene Regional Council

Office of the Clerk
 P.O. Box 246
 Kunene, Namibia

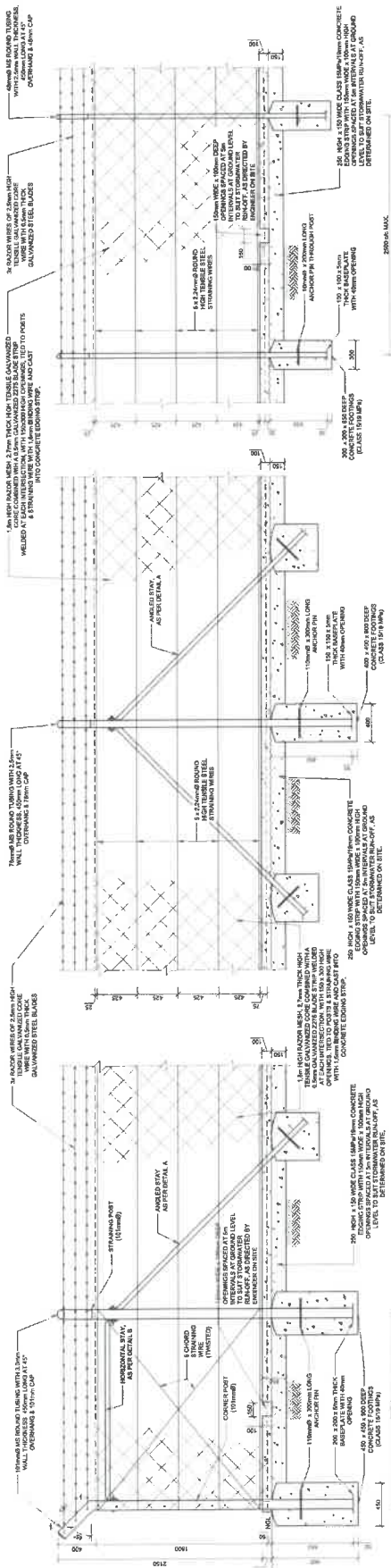
Tel: 06435 65 273 890
 Fax: 06435 65 273 877

E-mail: enquiries@krc.na

Approved Date: _____

Project
**CONSTRUCTION OF THE
OKANGUATI SETTLEMENT**
OFFICE

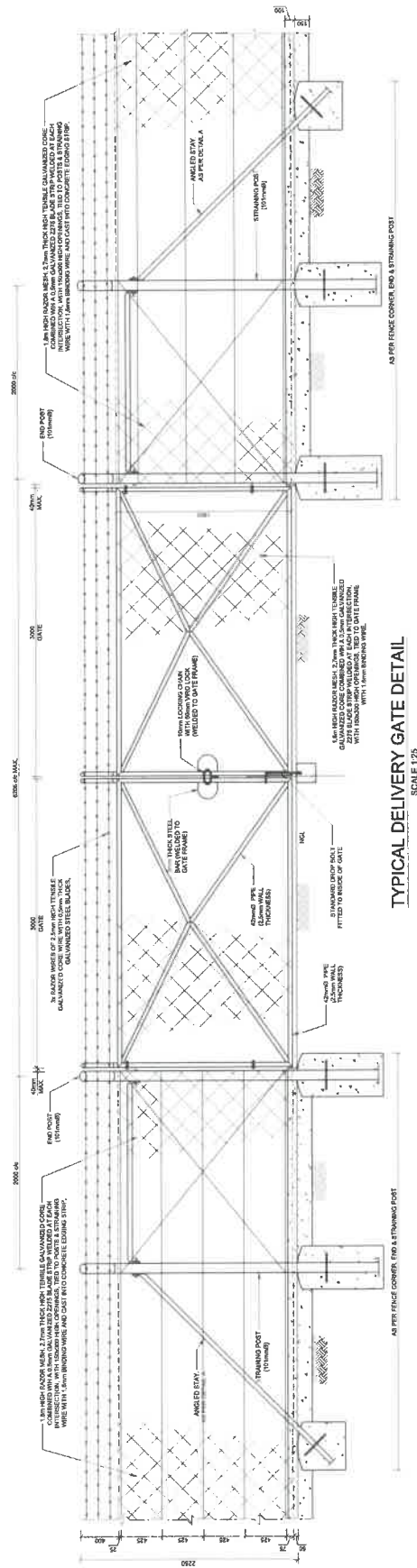
Drawing Title	Scale	Revision
14/12/2021	AS SHOWN	C
Drawing No.	B2684-C-0110	



FENCE CORNER, END & STRAINING POST

INTERMEDIATE STRAINING POST (35,0m c/c MAX.)

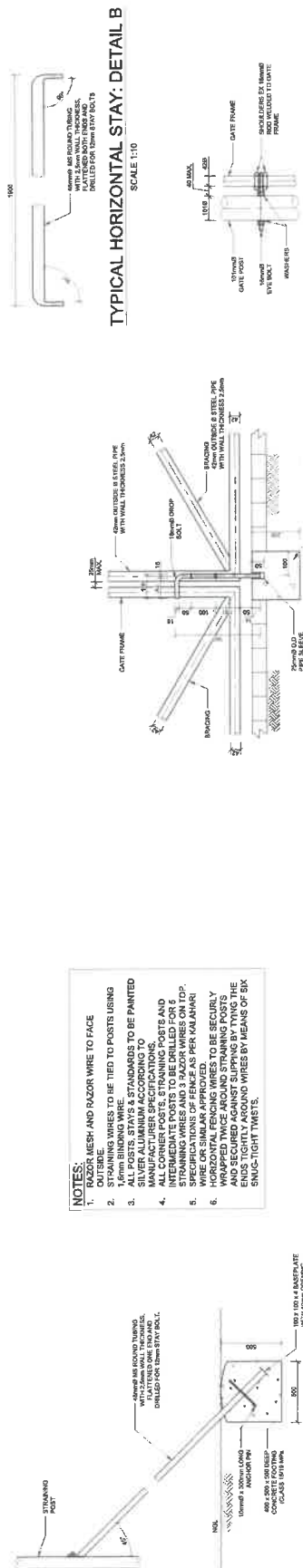
INTERMEDIATE POSTS (2,5m c/c MAX.)



TYPICAL DELIVERY GATE DETAIL

SCALE 1.25

AS PER FENCE CORNER, END & STRUING POST



TYPICAL ANGLED STAY: DETAIL A

SCALE 1:20

DETAIL OF DROP BOLT ELEVATION

9:40

TYPICAL HORIZONTAL STAY: DETAIL B

SCALE 1:10

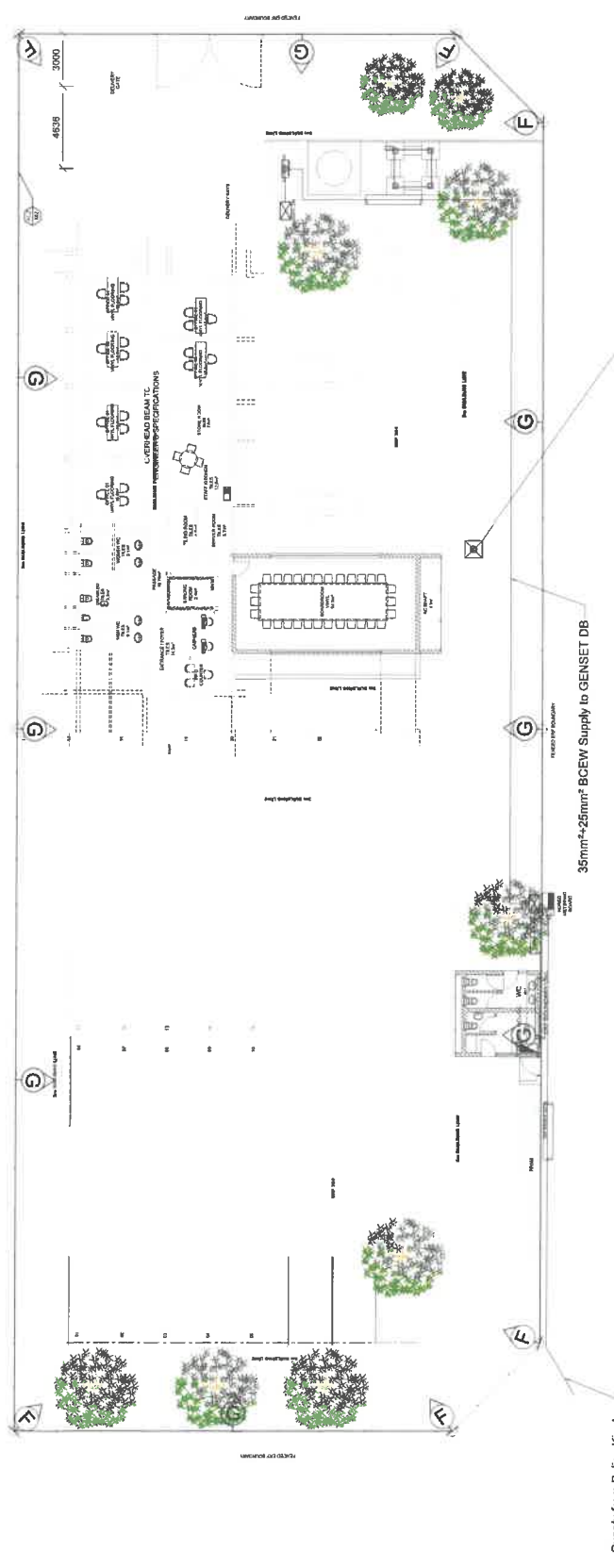
DETAIL OF GATE HINGE

SCALE 1-10

NOTES:

- RAZOR MESH AND RAZOR WIRE TO FACE OUTSIDE.**
STRAINING WIRES TO BE TIED TO POSTS USING 1.6mm BONDING WIRE.
ALL POSTS, STAYS & STANDARDS TO BE PAINTED SILVER ALUMINUM ACCORDING TO MANUFACTURER SPECIFICATIONS.
ALL CORNER POSTS, STRAINING POSTS AND INTERMEDIATE POSTS TO BE DRILLED FOR 8 STRAINING WIRES AND 3 "RAZOR WIRES ON TOP." WIRE CLOSURE SHALL BE AS PER VALAMHARI HORIZONTAL FENCING WIRES TO BE SECURELY WRAPPED TWICE AROUND STRAINING POSTS AND SECURED AGAINST SLIPPING BY TYING THE ENDS TIGHTLY AROUND WIRES BY MEANS OF SIX SNUG-TIGHT TWISTS.

1. No part of this drawing must be scaled.
2. All dimensions should be checked before any work on this site commences.
3. Any discrepancies that may occur during the construction phase of the drawing must be brought immediately under the attention of the Engineer.

[illegible]

CABLE SCHEDULE					
FROM	TO	TYPE	CABLE SIZE mm ²	BOW SIZE mm ²	DISTANCE (m)
NORDED METER BAND	KOSK - K01	4CPVC/PCVC/SP/PC Cu	50	25	220
KOSK - K01	GH-08	2C/PCVC/PCVC/SP/PC Cu	10	6	10
KOSK - K01	GEN DBK002	4CPVC/PCVC/SP/PC Cu	35	25	60

SITE RETICULATION LAYOUT
SCALE 1/400

110mm Ø sleeves

35mm²+25mm² BCEW Supply to GENSET DB

Lead-out sleeve with end-cap for connection to Telecom services (Final position to be confirmed with Telecom)

FOR TENDER			
No	Date	Revision	By
B	13/07/2022	For TENDER - Phase 1	MM
A	18/05/2023	For TENDER	MM
			By

[illegible]

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Approved for Client

Approved Date

Project: **CONSTRUCTION OF THE
OKANGUATI SETTLEMENT
OFFICE**

Drawing Title:

Date of Issue	16/03/2022	Scale	AS SHOWN
Drawing No.	P2684-E-001		
		Revision	B

1. All work shall be done in accordance with the relevant standards and specifications.
2. Any discrepancies shall be referred to the relevant authority for resolution.
3. The design shall be subject to the approval of the relevant authority.

FOR TENDER

No.	Description	Quantity	Unit	Remarks
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Email: info@lithon.co.ke

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Checked: S. SHERIDAN
Approved: M. MUKHIE

Architect: **Primaloo Loubser Architects**
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Quantity Surveyor: **J&L Project Consultants**
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Client: **Kusnet Regional Council**
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Project: **CONSTRUCTION OF THE OKANGUATI SETTLEMENT OFFICE**

Drawing No: **BUILDING AND GUARD HOUSE POWER LAYOUT**

Date: 16/03/2022

Scale: AS SHOWN

Drawing No: P2684-E-003

Revision: B

Project: **CONSTRUCTION OF THE OKANGUATI SETTLEMENT OFFICE**

Drawing No: **BUILDING AND GUARD HOUSE POWER LAYOUT**

Date: 16/03/2022

Scale: AS SHOWN

Drawing No: P2684-E-003

Revision: B

Project: **CONSTRUCTION OF THE OKANGUATI SETTLEMENT OFFICE**

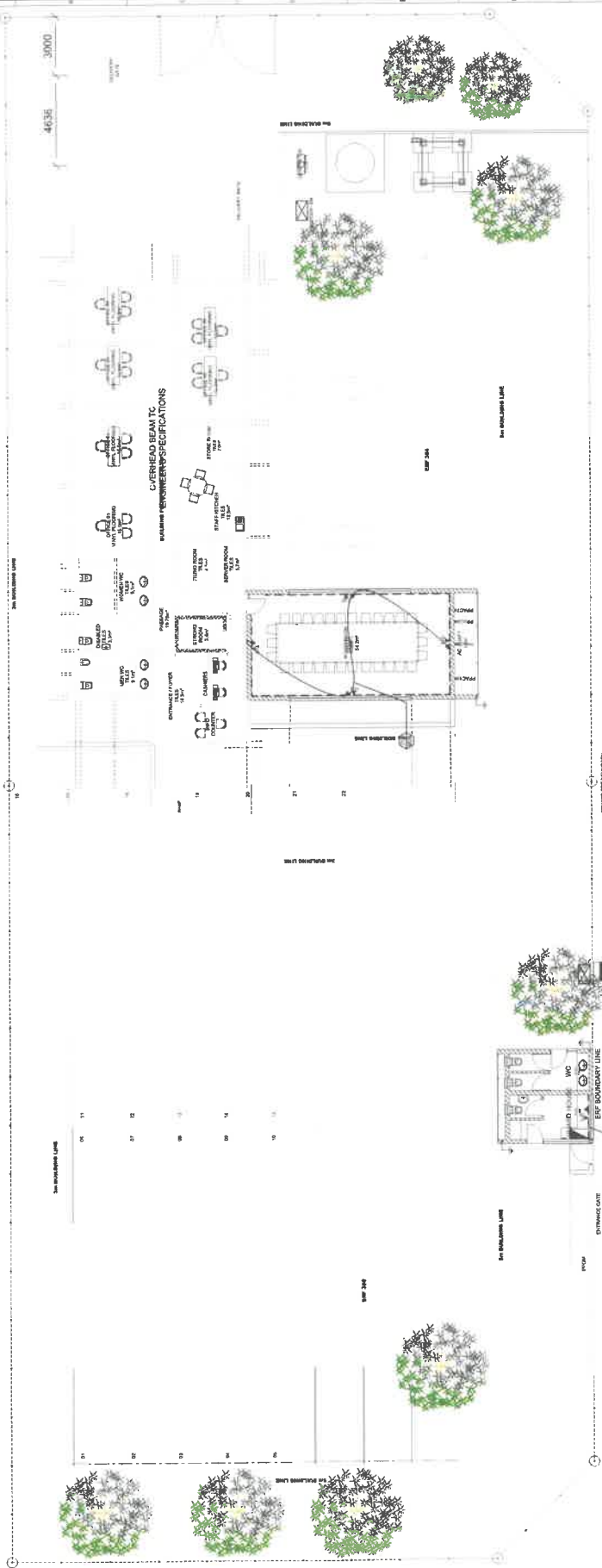
Drawing No: **BUILDING AND GUARD HOUSE POWER LAYOUT**

Date: 16/03/2022











Scale: AS SHOWN

Drawing No: P2684-E-003

Revision: B



BUILDING POWER LAYOUT
SCALE: 1:500

SYMBOL	DESCRIPTION	QTY
	TRANSFORMER	1
	SWITCHGEAR	1
	CABLE	1
	LIGHTING	1
	WATER SUPPLY	1
	VENTILATION	1
	FIRE ALARM	1
	SECURITY SYSTEM	1
	DATA NETWORK	1
	TELEPHONE SYSTEM	1

1. All work shall be done in accordance with the relevant standards and specifications.
2. All dimensions shall be given in millimetres unless otherwise stated.
3. All materials shall be of good quality and shall be approved by the Engineer.
4. All work shall be done in accordance with the relevant standards and specifications.
5. All dimensions shall be given in millimetres unless otherwise stated.
6. All materials shall be of good quality and shall be approved by the Engineer.

Project Name

FOR TENDER

Rev	Date	Description	By	Check
A	16/03/2022	For TENDER		

Project Manager, Civil, Structural, Electrical & Mechanical Engineers



Designed: M. MURPHY
Checked: S. SHIFFIN
Approved for issue: M. MURPHY
Approved Date: 16/03/2022

Principal Loubser Architects
14 - 15/10/2021 201 102
15 - 15/10/2021 201 102
16 - 15/10/2021 201 102
17 - 15/10/2021 201 102

Quantity Surveyor
J&L Project Consultants
14 - 15/10/2021 201 102
15 - 15/10/2021 201 102
16 - 15/10/2021 201 102
17 - 15/10/2021 201 102

Client
Kunene Regional Council
14 - 15/10/2021 201 102
15 - 15/10/2021 201 102
16 - 15/10/2021 201 102
17 - 15/10/2021 201 102

Project
CONSTRUCTION OF THE
OKANGUATI SETTLEMENT
OFFICE
Drawing Title
BUILDING EARTHING
AND POWER
SKIRTING DETAILS
Date of Issue
16/03/2022
Scale
AS SHOWN
Revision
P2684-E-004
A

Roof

50mm² GY ICEW with lug
at end of wire mounted to
metal roof structure

Conduit to protrude through wall
as required
Masonry wall
25mm Ø Flush PVC
conduit.

100 x 100mm Test box
(PVC or GMS) MH 300mm
above n.g.l. Cables joined
with brass terminal nut.

Approved marker to identify conduit end position

Concrete Apron
n.g.l.

Conduit end to extend 300mm
past concrete apron or other
finishing around building

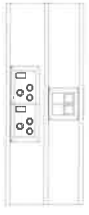
50mm² GY ICEW/CEW
or size as required (indicated)

Connected by brass earth
clamp wrapped with Densio
tape
Conductive cement to
specifications
Ø16/17.2mm, 1500mm
long Cu earth spike (cold
welded)

DETAIL C: ROOF EARTH-POINT INSTALLATION

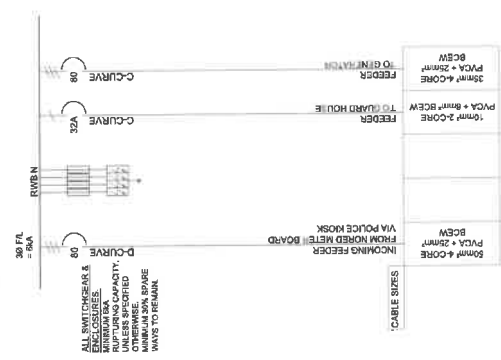
SCALE 1:20

DETAIL A
100 x 100mm Test box
(PVC or GMS) MH 300mm
above n.g.l. Cables joined
with brass terminal nut.

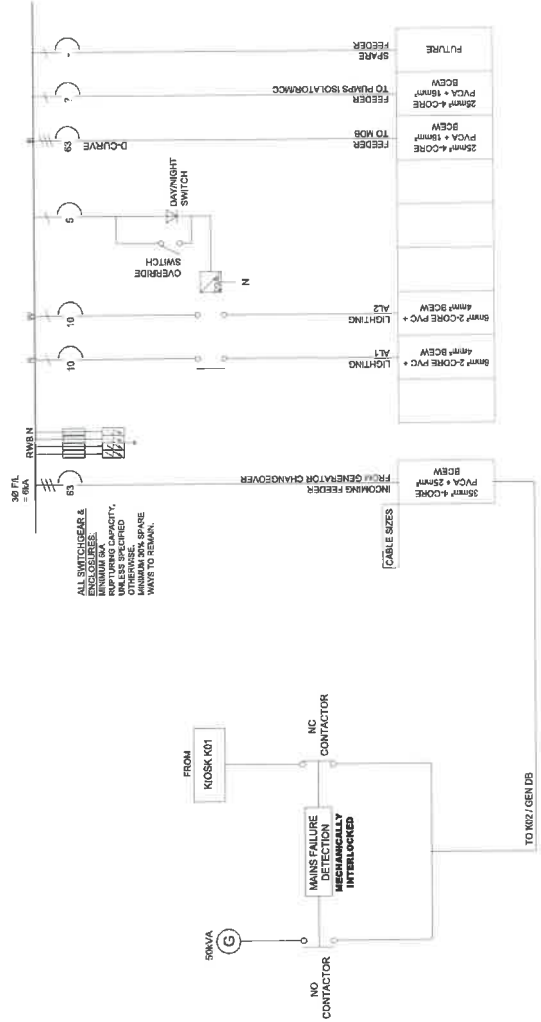


1. No part of this drawing shall be used for any other purpose than that for which it was prepared.
2. Any alteration to this drawing shall be made by a written instruction from the Engineer.
3. Any discrepancy between this drawing and the specification shall be referred to the Engineer.

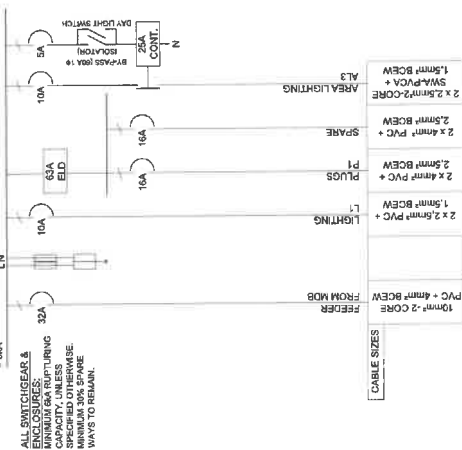
BOARD KIOSK - K01
LINE DIAGRAM



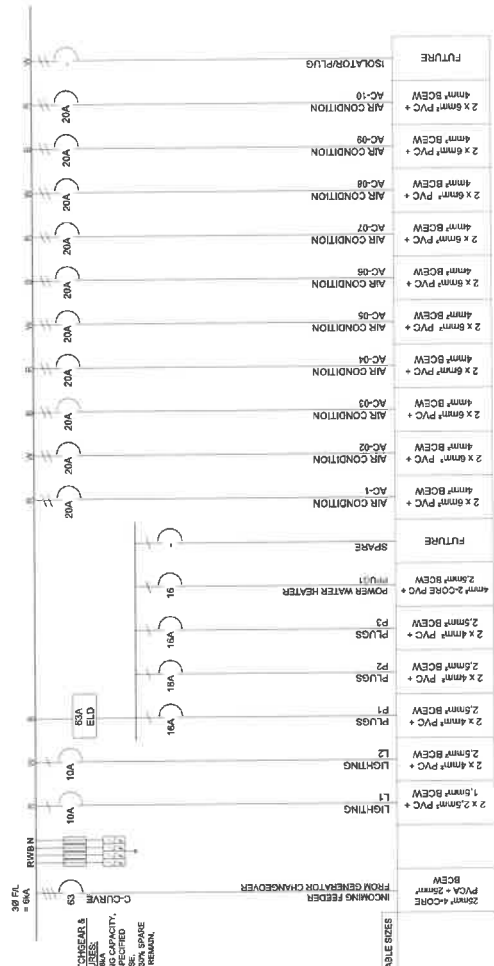
BOARD KIOSK K02 GEN DB
LINE DIAGRAM



SHED LINE
DIAGRAM



MOB
LINE DIAGRAM



FOR TENDER

No	Date	For TENDER	Revision	Total
A	15/05/2022	For TENDER		

Lithon
PROJECT CONSULTANTS

PROJECT NO: 15/05/2022
PROJECT NAME: KIOSK K01 & K02
PROJECT ADDRESS: 15/05/2022
PROJECT DATE: 15/05/2022

DESIGNED BY: M. MURPHY
CHECKED BY: S. SHERIDAN
APPROVED BY: M. MURPHY

Prinloo Loubser Architects

PROJECT NO: 15/05/2022
PROJECT NAME: KIOSK K01 & K02
PROJECT ADDRESS: 15/05/2022
PROJECT DATE: 15/05/2022

DESIGNED BY: M. MURPHY
CHECKED BY: S. SHERIDAN
APPROVED BY: M. MURPHY

J&L Project Consultants

PROJECT NO: 15/05/2022
PROJECT NAME: KIOSK K01 & K02
PROJECT ADDRESS: 15/05/2022
PROJECT DATE: 15/05/2022

DESIGNED BY: M. MURPHY
CHECKED BY: S. SHERIDAN
APPROVED BY: M. MURPHY

Kunene Regional Council

PROJECT NO: 15/05/2022
PROJECT NAME: KIOSK K01 & K02
PROJECT ADDRESS: 15/05/2022
PROJECT DATE: 15/05/2022

DESIGNED BY: M. MURPHY
CHECKED BY: S. SHERIDAN
APPROVED BY: M. MURPHY

**CONSTRUCTION OF THE
OKANGUATI SETTLEMENT
OFFICE**

WIRING DIAGRAMS

Project: 15/05/2022
Date of Issue: 15/05/2022
Drawing No: P2584-E-005
Revision: A

1. No part of the drawing shall be used for any purpose other than that for which it was prepared.
2. Any reproduction of this drawing without the written consent of the Engineer is prohibited.
3. This drawing is intended to be used for the purpose of the design only.

FOR TENDER

No.	Date	For TENDER	Rev.
A	10/03/2022	For TENDER	1

Project Manager: Civil, Structural, Electrical & Mechanical Engineers



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Designed: M. MUHEMME
Checked: S. SHAFIQ
Approved for Design: M. MUHEMME
Approval Date: / /

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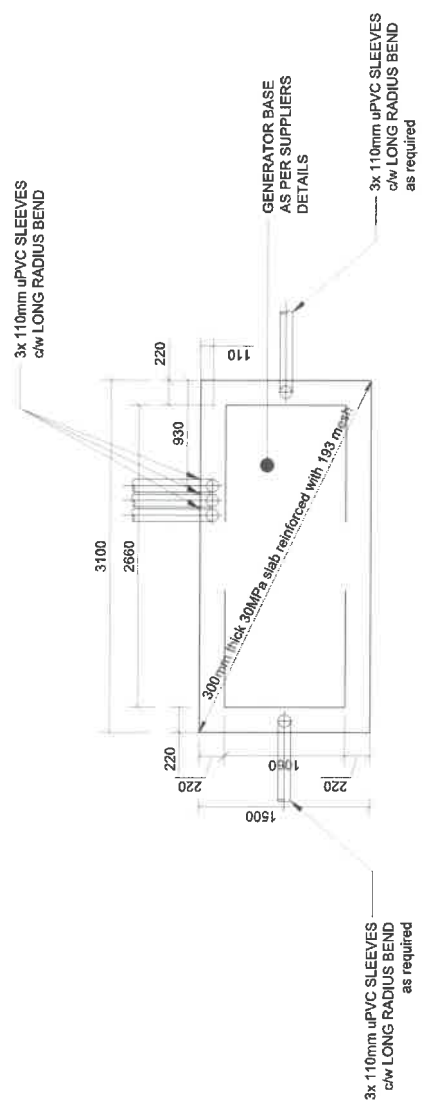
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Website: www.krc.com.my

CONSTRUCTION OF THE OKANGUATI SETTLEMENT OFFICE

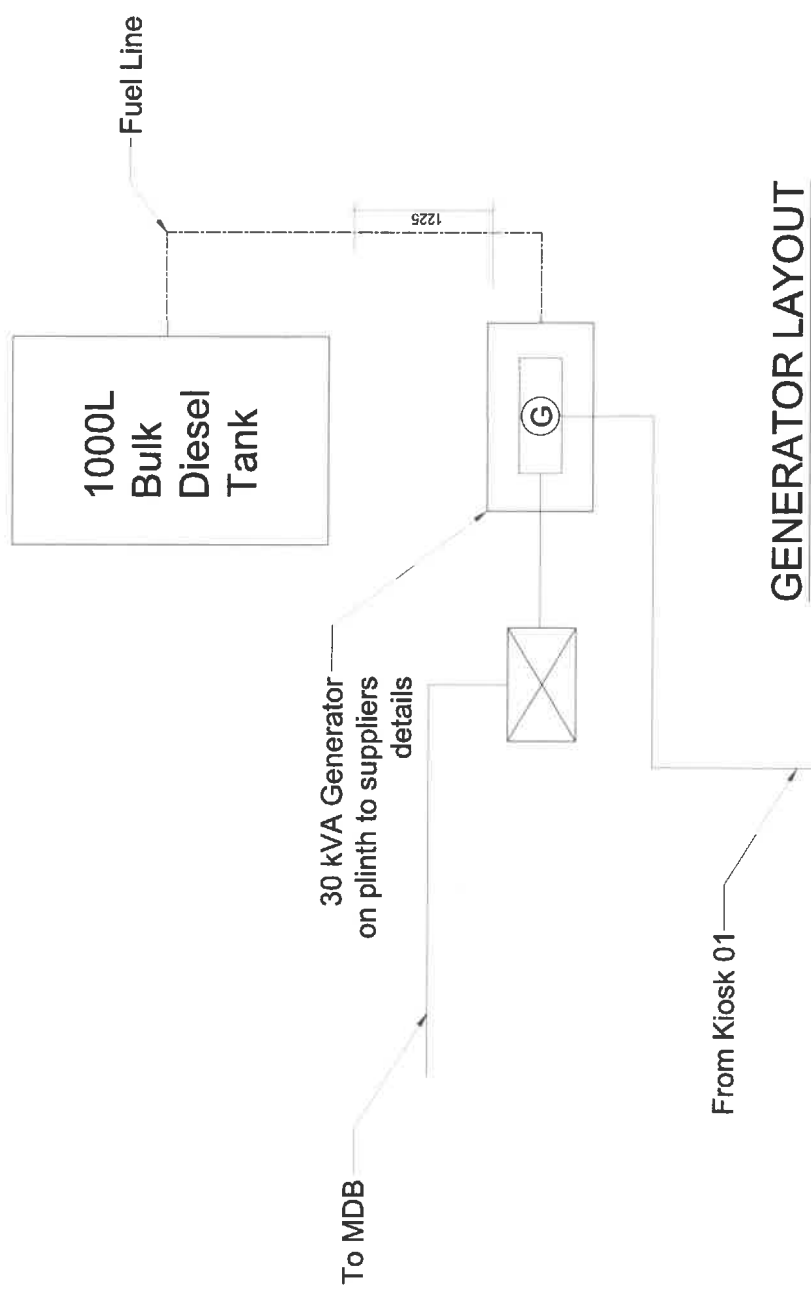
GENERATOR PLINTH LAYOUT

Date of Issue: 10/03/2022
Drawing No.: AS SHOWN
Revision: A
Project No.: P2684-E-006



GENERATOR PLINTH LAYOUT

SCALE 1:50



SCALE 1:50

[illegible]

FOR TENDER

	13/01/2002	For TENDER - Page 1	MM
A	14/02/2002	For TENDER	MM
MM	Date	Revision	Issued

Edward M. Voss, ChE, Structural, Electrical & Mechanical Engineers

[illegible]

Designed	M. MUHENJE	Surveyed
Checked	S. SHIFIDI	Drawn
		M. MUHENJE

Architect
Prinsloo Loubser Architects

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J&L Project Consultants

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Small measurements give me	Approval Date
Approved for Client	

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Project: CONSTRUCTION

OKANGUATI SETTLE

Concerning Title BUILDING A
OFFICE

**BUILDING A
GUARD HOU**

LIGHTING LAY

Date of Issue	16/03/2022
Ordering No.	

P2684-E-002

Section V - Employer's Requirements

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Scope of Work

The main purpose of this project is to construct the new Okanguati Settlement Office on Erf 350 and Erf 364, Okanguati, Kunene Region.

Project Specifications

All specifications form part of the drawings and the Bills of Quantities.

Drawings

All the required drawings issued for tendering purpose are included under **Annexure II** of this Bid Document. The drawings should be read in conjunction with the Bills of Quantities under **Annexure I**. The list of drawings included under **Annexure II** of this Bid Document are outlined in the table below.

Architectural drawings

21/33-000	Site plan, paving and landscaping layout
21/33-100	Ground floor plan, Extract details, Ceiling plan and Roof plan
21/33-101	Sanitary, Joinery, Door and Window reference plan
21/33-103	Guard House Floor plan, Sanitary, Joinery Window and Door plan, Sections, Elevations, Ceiling and Roof Layout
21/33-200	Sections A-A, B-B AND C-C
21/33-201	Sections D-D & E-E
21/33-300	North, South and West Elevations
21/33-301	East elevation
21/33-400	Door schedules
21/33-401	Window schedules
21/33-402	Window schedules
21/33-403	Shopfront schedules
21/33-600	Details
Sanitary Schedule	
Finishing Schedule	
Ironmongery Schedule	

Structural drawings

P2684-S-001	Foundation layout and details
P2684-S-002	Surface bed layout and details
P2684-S-003	Beam, slab and truss layout and details
P2684-S-004	Truss sections and details

P2684-S-005	False rafter elevations and outdoor roof structure
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Bending schedules

P2684-SRB-001a	Base 1 reinforcement schedule
P2684-SRB-001b	Ground beam reinforcement schedule
P2684-SRB-001c	Column 1 reinforcement schedule
P2684-SR-001d	Strong room reinforcement layout
P2684-SRB-001d	Strong room reinforcement schedule
P2684-SRB-001e	Stub column bases B2
P2684-SR-002a	Generator plinth & ramp toe reinforcement layout
P2684-SRB-002a	Generator plinth & ramp toe reinforcement schedule
P2684-SRB-003a	Beam 1 reinforcement schedule
P2684-SRB-003b	Beam 2 reinforcement schedule
P2684-SRB-003c	Beam 3 reinforcement schedule
P2684-SRB-003d	Beam 4 reinforcement schedule
P2684-SRB-003e	Beam 5 reinforcement schedule
P2684-SRB-003f	Beam 6 reinforcement schedule
P2684-SRB-003g	Beam 7 reinforcement schedule
P2684-SRB-003j	Beam 9 reinforcement schedule
P2684-SRB-003k	Beam 10 reinforcement schedule
P2684-SRB-003q	Beam 15 reinforcement schedule
P2684-SRB-003r	Beam 16 reinforcement schedule
P2684-SR-003s	Roof slab 1 & 2 reinforcement layout
P2684-SRB-003s	Roof slab 1 & 2 reinforcement schedule
P2684-SRB-003t	Roof stub columns
P2684-SR-100a	Tank & pump plinth reinforcement layout
P2684-SRB-100a	Tank & pump plinth reinforcement layout
P2684-SR-100b	Water tank bases reinforcement layout
P2684-SRB-100b	Water tank bases reinforcement layout

Civil drawings

P2684-CP-001	Paving Layout & Setting Out Levels
P2684-CS-001	External Sewer Layout
P2684-CW-001	External Water Layout
P2684-CP-003	Roads and Parking Details and Sections
P2684-CS-003	Sewer Typical Details
P2684-CW-003	Water Typical Details

Electrical Drawings

P2684-E-001	Site Reticulation Layout
P2684-E-002	Building Lighting Layout
P2684-E-003	Building Power Layout
P2684-E-004	Building Earthing and Power Skirting Details
P2684-E-005	Wiring Diagrams
P2684-E-006	Generator Plinth Layout

Mechanical Drawings

P2684-M-IDW-001	Internal Domestic Water (IDW) & Fire Protection (FP) Layout
P2684-M-EDW-001	Ground & Elevated Water Tanks Layout
P2684-M-EDW-002	Pipework & Tank Ladder Layout
P2684-M-EDW-003	Booster Pumps Plans & Details
P2684-M-EDW-004	Ground Water Tank Plans & Details
P2684-M-HVAC-001	HVAC Layout

Supplementary Information

The Bidder's attention is drawn to the preliminaries of the Bills of Quantities.

The Namibian Advanced OH&S Act or Regulations Relating to the Health and Safety of Employees at Work as per Government Notice 156 in Government Gazette 1617 of 1 August 1997 (issued in terms of the Labour Act, 6 of 1992 which has since been repealed by the Labour Act, 11 of 2007), as amended from time to time is included under **Appendix-III** of this Bid Document.

This specification shall be used in conjunction with all other applicable safety specifications, legislation and regulations in force at the time of the contract. Where unique site specifications are in force, those site specifications shall take precedence over this specification

PART 3 – Conditions of Contract and Contract Forms

Section VI - General Conditions of Contract

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General Conditions of Contract

A. General

1. Definitions

1.1 Boldface type is used to identify defined terms.

- (a) The Accepted Contract Amount means the amount accepted in the Notification of award for the execution and completion of the Works and the remedying of any defects.
- (b) The Activity Schedule is a schedule of the activities comprising the construction, installation, testing, and commissioning of the Works in a lump sum contract. It includes a lump sum price for each activity.
- (c) The Adjudicator is the person appointed jointly by the Employer and the Contractor to resolve disputes in the first instance, as provided for in GCC 23.
- (d) Bill of Quantities means the priced and completed Bill of Quantities forming part of the Bid.
- (e) Compensation Events are those defined in GCC Clause 41 hereunder.
- (f) The Completion Date is the date of completion of the Works as certified by the Project Manager, in accordance with GCC Sub-Clause 53.1.
- (g) The Contract is the Contract between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC Sub-Clause 2.3 below.
- (h) The Contractor is the party whose Bid to carry out the Works has been accepted by the Employer.
- (i) The Contractor's Bid is the completed bidding document submitted by the Contractor to the Employer.
- (j) The Contract Price is the Accepted Contract Amount stated in the Notification of award and thereafter as adjusted in accordance with the Contract.
- (k) Days are calendar days; months are calendar months unless otherwise stated.
- (l) Dayworks are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.
- (m) A Defect is any part of the Works not completed in accordance with the Contract.

- (n) The Defects Liability Certificate is the certificate issued by Project Manager upon correction of defects by the Contractor.
- (o) The Defects Liability Period is the period **named in the SCC** pursuant to Sub-Clause 33.1 and calculated from the Completion Date.
- (p) Adjudicator means the single person appointed under Clause 23.
- (q) Drawings means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Employer in accordance with the Contract, include calculations and other information provided or approved by the Project Manager for the execution of the Contract.
- (r) The Employer is the party who employs the Contractor to carry out the Works, **as specified in the SCC**.
- (s) Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
- (t) "In writing" or "written" means hand-written, type-written, printed or electronically made, and resulting in a permanent record;
- (u) The Initial Contract Price is the Contract Price listed in the Employer's Notification of award.
- (v) The Intended Completion Date is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is **specified in the SCC**. The Intended Completion Date may be revised only by the Project Manager by issuing an extension of time or an acceleration order.
- (w) Materials are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- (x) Plant is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.
- (y) The Project Manager is the person **named in the SCC** (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract.
- (z) SCC means Special Conditions of Contract
- (aa) The Site is the area **defined as such in the SCC**.

- (bb) Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- (cc) Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.
- (dd) The Start Date is **given in the SCC**. It is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.
- (ee) A Subcontractor is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.
- (ff) Temporary Works are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.
- (gg) A Variation is an instruction given by the Project Manager which varies the Works.
- (hh) The Works are what the Contract requires the Contractor to construct, install, and turn over to the Employer, **as defined in the SCC**.

2. Interpretation

- 2.1 In interpreting these GCC, words indicating one gender include all genders. Words indicating the singular also include the plural and words indicating the plural also include the singular. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these GCC.
- 2.2 If sectional completion is **specified in the SCC**, references in the GCC to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 2.3 The documents forming the Contract shall be interpreted in the following order of priority:
 - (a) Agreement,
 - (b) Notification of award,
 - (c) Contractor's Bid,
 - (d) Special Conditions of Contract,
 - (e) General Conditions of Contract,

- (f) Specifications,
 - (g) Drawings,
 - (h) Bill of Quantities, and
 - (i) any other document **listed in the SCC** as forming part of the Contract.
- 3. Language and Law** 3.1 The language of the Contract must be English and the law governing the Contract is the Law of Namibia.
- 4. Project Manager's Decisions** 4.1 Except where otherwise specifically stated, the Project Manager shall decide contractual matters between the Employer and the Contractor in the role representing the Employer.
- 5. Delegation** 5.1 Otherwise **specified in the SCC**, the Project Manager may delegate any of his duties and responsibilities to other people, except to the Adjudicator, after notifying the Contractor, and may revoke any delegation after notifying the Contractor.
- 6. Communications** 6.1 Communications between parties that are referred to in the Conditions shall be effective only when in writing to the addresses **specified in the SCC**. A notice shall be effective only when it is delivered.
- 7. Subcontracting** 7.1 The Contractor may subcontract with the approval of the Project Manager but may not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations.
- 8. Other Contractors** 8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors, as **referred to in the SCC**. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors and shall notify the Contractor of any such modification.
- 9. Personnel and Equipment** 9.1 The Contractor shall employ the key personnel and use the equipment identified in its Bid, to carry out the Works or other personnel and equipment approved by the Project Manager. The Project Manager shall approve any proposed replacement of key personnel and equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid.
- 9.2 If the Project Manager asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

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| 10. Employer's and Contractor's Risks | 10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks. |
| 11. Employer's Risks | <p>11.1 From the Start Date until the Defects Liability Certificate has been issued, the following are Employer's risks:</p> <ul style="list-style-type: none"> (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to <ul style="list-style-type: none"> (i) use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or (ii) negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor. (b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed. <p>11.2 From the Completion Date until the Defects Liability Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is an Employer's risk except loss or damage due to</p> <ul style="list-style-type: none"> (a) a Defect which existed on the Completion Date, (b) an event occurring before the Completion Date, which was not itself an Employer's risk, or (c) the activities of the Contractor on the Site after the Completion Date. |
| 12. Contractor's Risks | 12.1 From the Starting Date until the Defects Liability Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risks are Contractor's risks. |
| 13. Insurance | <p>13.1 The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles stated in the SCC for the following events which are due to the Contractor's risks:</p> <ul style="list-style-type: none"> (a) loss of or damage to the Works, Plant, and Materials; |

- (b) loss of or damage to Equipment;
- (c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and
- (d) personal injury or death.

13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval within 21 days after issue of notification of award. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

13.3 If the Contractor does not provide any of the policies and certificates required, the Employer may affect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

13.4 Alterations to the terms of insurance shall not be made without the approval of the Project Manager.

13.5 Both parties shall comply with any conditions of the insurance policies.

13.6 The policies which are in the joint names of the Contractor and the Employer shall contain a clause to include a waiver of subrogation of the Contractor's rights to the insurance carrier against the Employer.

14. Site Data

14.1 The Contractor shall be deemed to have examined any Site Data **referred to in the SCC**, supplemented by any information available to the Contractor.

15. Contractor to Construct the Works

15.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings.

16. The Works to Be Completed by the Intended Completion Date

16.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.

17. Approval by the Project Manager

17.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, for his approval.

17.2 The Contractor shall be responsible for design of Temporary

Works.

- 17.3 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
- 17.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.
- 17.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Project Manager before this use.
- 18. Safety** 18.1 The Contractor shall be responsible for the safety of all activities on the Site.
- 19. Discoveries** 19.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.
- 20. Possession of the Site** 20.1 The Employer shall, after receiving the Performance security, the insurance covers and the Program for the Works all as per requirements, give possession of all parts of the Site to the Contractor within thirty days for execution of works in accordance to the Program for the Works. If possession of a part is not given by the date **stated in the SCC**, the Employer shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event.
- 21. Access to the Site** 21.1 The Contractor shall allow the Project Manager and any person authorised by the Project Manager access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
- 22. Instructions** 22.1 The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.
- 22.2 The Contractor shall permit persons appointed by the Employer to inspect the Site and/or the accounts and records of the Contractor and its sub-contractors relating to the performance of the Contract, and to have such accounts and records audited by auditors appointed by the Employer if required by the Employer. The Contractor's attention is drawn to Sub-Clause 57.1 which provides, inter alia, that acts intended to materially impede the exercise of the inspection and audit rights provided for under Sub-Clause 22.2 constitute a prohibited practice subject to contract termination.

- 23. Appointment of the Adjudicator**
- 23.1 The Adjudicator shall be appointed jointly by the Employer and the Contractor, at the time of the Employer's issuance of the Notification of award. If, in the notification of award, the Employer does not agree on the appointment of the Adjudicator, the Employer will request the Appointing Authority **designated in the SCC**, to appoint the Adjudicator within 15 days of receipt of such request.
- 23.2 Should the Adjudicator resign or die, or should the Employer and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract; a new Adjudicator shall be jointly appointed by the Employer and the Contractor. In case of disagreement between the Employer and the Contractor, within 30 days, the Adjudicator shall be designated by the Appointing Authority **designated in the SCC** at the request of either party, within 30 days of receipt of such request.
- 24. Procedure for Disputes**
- 24.1 If the Contractor believes that a decision taken by the Project Manager was either outside the authority given to the Project Manager by the Contract or that the decision was wrongly taken, the decision shall be referred to the Adjudicator within 15 days of the notification of the Project Manager's decision.
- 24.2 The Adjudicator shall give a decision in writing within 30 days of receipt of a notification of a dispute.
- 24.3 The Adjudicator shall be paid by the hour at the **rate specified in the SCC**, together with reimbursable expenses of the types **specified in the SCC**, and the cost shall be divided equally between the Employer and the Contractor, whatever decision is reached by the Adjudicator. Either party may refer a decision of the Adjudicator to an Arbitrator within thirty (30) days of the Adjudicator's written decision. If neither party refers the dispute to arbitration within the above thirty (30) days, the Adjudicator's decision shall be final and binding.
- 24.4 The arbitration shall be conducted in accordance with the arbitration procedures published by the institution named and, in the place, specified **in the SCC**.

B. Time Control

- 25. Program**
- 25.1 Within the time **stated in the SCC**, after the date of the Notification of award, the Contractor shall submit to the Project Manager for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works. In the case of a lump sum contract, the activities in the Program shall be consistent with those in the Activity Schedule.
- 25.2 An update of the Program shall be a program showing the actual progress achieved on each activity and the effect of the progress

achieved on the timing of the remaining work, including any changes to the sequence of the activities.

25.3 The Contractor shall submit to the Project Manager for approval an updated Program at intervals no longer than the period **stated in the SCC**. If the Contractor does not submit an updated Program within this period, the Project Manager may withhold the amount **stated in the SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted. In the case of a lump sum contract, the Contractor shall provide an updated Activity Schedule within 15 days of being instructed to by the Project Manager.

25.4 The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Manager again at any time. A revised Program shall show the effect of Variations and Compensation Events.

26. Extension of the Intended Completion Date

26.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event (as defined in GCC 41) occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost.

26.2 The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

27. Acceleration

27.1 When the Employer wants the Contractor to finish before the Intended Completion Date, the Project Manager shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Employer and the Contractor.

27.2 If the Contractor's priced proposals for acceleration are accepted by the Employer, they are incorporated in the Contract Price and treated as a Variation.

28. Delays Ordered by the Project Manager

28.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.

29. Management Meetings

- 29.1 Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- 29.2 The Project Manager shall record the business of management meetings and provide copies of the record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

30. Early Warning

- 30.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 30.2 The Contractor shall cooperate with the Project Manager in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Project Manager.

C. Quality Control

31. Identifying Defects

- 31.1 The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.

32. Tests

- 32.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.

33. Correction of Defects

- 33.1 The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion, and is **defined in the SCC**. The Defects Liability Period shall be extended for as long as Defects remain

to be corrected.

33.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Manager's notice.

34. Uncorrected Defects

34.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount.

D. Cost Control

35. Contract Price

35.1 In the case of an admeasurement contract, the Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item.

35.2 In the case of a lump sum contract, the Activity Schedule shall contain the priced activities for the Works to be performed by the Contractor. The Activity Schedule is used to prepare interim valuations of works done.

Any errors or inconsistencies including front loading detected in the Activity Schedule at any time during the execution of the project shall be resolved as directed as by the Project Manager.

36. Changes in the Contract Price

36.1 In the case of an admeasurement contract:

- (a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Project Manager shall adjust the rate to allow for the change.
- (b) The Project Manager shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Employer.
- (c) If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.

36.2 In the case of a lump sum contract, the Activity Schedule shall be amended by the Contractor to accommodate changes of Program or method of working made at the Contractor's own discretion.

Prices in the Activity Schedule shall not be altered when the Contractor makes such changes to the Activity Schedule.

37. Variations

- 37.1 All Variations shall be included in updated Programs, and, in the case of a lump sum contract, also in the Activity Schedule, produced by the Contractor.
- 37.2 The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within seven (7) days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.
- 37.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs.
- 37.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
- 37.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 37.6 In the case of an admeasurement contract, if the work in the Variation corresponds to an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work above the limit stated in Sub-Clause 38.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work.

**38. Cash Flow
Forecasts**

- 38.1 When the Program, or, in the case of a lump sum contract, the Activity Schedule, is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast.

**39. Payment
Certificates**

- 39.1 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
- 39.2 The Project Manager shall check the Contractor's monthly

statement and certify the amount to be paid to the Contractor.

39.3 The value of work executed shall be determined by the Project Manager.

39.4 The value of work executed shall comprise:

- (a) In the case of an admeasurement contract, the value of the quantities of work in the Bill of Quantities that have been completed; or
- (b) In the case of a lump sum contract, the value of work executed shall comprise the value of completed activities in the Activity Schedule.

39.5 The value of work executed shall include the valuation of Variations and Compensation Events.

39.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

39.7 Unless **otherwise specified in the SCC** Interim Payment may be made for Plant and Material delivered on site ready for incorporation within reasonable period of time in the permanent works, subject to the Contractor transferring ownership to the Employer and providing, where applicable, the right of the transfer of ownership vested upon the Contractor by its supplier.

Notwithstanding the transfer of ownership, the responsibility for care and custody thereof together with the risk of loss or damage thereto shall remain with the Contractor until taking over of the works or part thereof in which such Plant and Materials are incorporated and shall make good at its own cost any loss or damage that may occur to the works or part thereof from any cause whatsoever during such period prior to the taking over.

40. Payments

40.1 Payments shall be adjusted for deductions for advance payments and retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 30 days of the date of each certificate. If the Employer makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest at the legal rate.

40.2 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon

which the increased amount would have been certified in the absence of dispute.

40.3 Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions to the Contract Price.

40.4 Items of the Works for which no rate or price has been entered in shall not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

41. Compensation Events

41.1 The following shall be Compensation Events:

- (a) The Employer does not give access to a part of the Site by the Site Possession Date pursuant to GCC Sub-Clause 20.1.
- (b) The Employer modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.
- (c) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.
- (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
- (e) The Project Manager unreasonably does not approve a subcontract to be let.
- (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Notification of award from the information issued to bidders (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site.
- (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
- (h) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.
- (i) The advance payment is delayed.
- (j) The effects on the Contractor of any of the Employer's Risks.
- (k) The Project Manager unreasonably delays issuing a

Certificate of Completion.

(l) In situations of Force Majeure which makes the contractor's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances. Such events shall be limited to:

(a) reason of any exceptionally adverse weather conditions (as specified in the BDS) and

(b) reason of civil commotion, strike or lockout affecting any of the trades employed upon the Works or any of the trades engaged in the preparation, manufacture or transportation of any of the goods or materials required for the Works.

41.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Manager shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

41.3 As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager shall assume that the Contractor shall react competently and promptly to the event.

41.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor's not having given early warning or not having cooperated with the Project Manager.

42. Tax

42.1 The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 30 days before the submission of bids for the Contract and the date of the last Completion certificate. The adjustment shall be the change in the amount of tax payable by the Contractor, provided such changes are not already reflected in the Contract Price or are a result of GCC Clause 44.

- 43. Currencies** 43.1 Where payments are made in currencies other than the currency of the Employer's country **specified in the SCC**, the exchange rates used for calculating the amounts to be paid shall be the exchange rates stated in the Contractor's Bid.
- 44. Price Adjustment** 44.1 Prices shall be adjusted for fluctuations in the cost of inputs only if **provided for in the SCC**. If so provided, the amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due in each currency. A separate formula of the type indicated below applies to each Contract currency:
- $P_c = A_c + B_c \text{ Imc/Ioc}$ where:
- P_c is the adjustment factor for the portion of the Contract Price payable in a specific currency "c."
- A_c and B_c are coefficients⁷ **specified in the SCC**, representing the nonadjustable and adjustable portions, respectively, of the Contract Price payable in that specific currency "c;" and
- Imc is the index prevailing at the end of the month being invoiced and Ioc is the index prevailing 28 days before Bid opening for inputs payable; both in the specific currency "c."
- 44.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.
- 45. Retention** 45.1 The Employer shall retain from each payment due to the Contractor the proportion **stated in the SCC** until Completion of the whole of the Works.
- 45.2 Upon the issue of a Certificate of Completion of the Works by the Project Manager, in accordance with GCC 53.1, half the total amount retained shall be repaid to the Contractor and half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by the Project Manager to the Contractor before the end of this period have been corrected. The Contractor may substitute retention money with an "on

⁷ The sum of the two coefficients A_c and B_c should be 1 (one) in the formula for each currency. Normally, both coefficients shall be the same in the formulae for all currencies, since coefficient A_c , for the nonadjustable portion of the payments, is a very approximate figure (usually 0.15) to take account of fixed cost elements or other nonadjustable components. The sums of the adjustments for each currency are added to the Contract Price. [To be transferred to the User Guide]

demand” Bank guarantee.

46. Liquidated Damages

46.1 The Contractor shall pay liquidated damages to the Employer at the rate per day **stated in the SCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount **defined in the SCC**. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor’s liabilities.

46.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC Sub-Clause 40.1.

47. Bonus

47.1 The Contractor shall be paid a Bonus calculated at the rate per calendar day **stated in the SCC** for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Manager shall certify that the Works are complete, although they may not be due to be complete.

48. Advance Payment

48.1 The Employer shall make advance payment to the Contractor of the amounts **stated in the SCC** by the date **stated in the SCC**, against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Employer in amounts equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest shall not be charged on the advance payment.

48.2 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Project Manager.

48.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

49. Securities

49.1 The Performance Security shall be provided to the Employer no later than the date specified in the Notification of award and shall be issued in an amount **specified in the SCC**, by a bank and denominated in the Namibian Dollars. The Performance Security shall be valid until a date 30 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee.

49.2 (a) Where the contractor has benefitted from the application of the Margin of Preference for employment of local manpower, it shall:

(i) in the execution of the contract, fulfill its obligation of maintaining local manpower force for 80 % or more of the man-days deployed in the execution of the Works with which it satisfied the criteria of eligibility for being awarded the contract in application of the Margin of Preference; and

(ii) concurrently with the above performance security, provide a preference security to guarantee it will fulfill its obligation in that respect.

(b) For contracts above N\$ 5 M, the preference security shall be in the form of an “on demand” bank guarantee for an amount in a convertible currency equivalent to the difference between its bid price and the bid price of the lowest bid if the Margin of Preference was not applicable. It shall be issued by a commercial bank located in the Republic of [Insert name of country].

(c) For contracts up to N\$ 5 M, an amount equal to the value of the preference security shall be retained from progressive payments to the contractor, to constitute the guarantee for the preference security.

(d) The preference security shall be valid until the Contractor has completed the Works and a Completion Certificate has been issued by the Employer’s Representative as per GCC 53.

(e) The cost of providing the security shall be borne by the Contractor.

49.3 Where a Preference Security is applicable:

(i) the Employer’s Representative shall monitor the employment of

local manpower throughout the execution of the contract and shall from time to time request a report from the contractor on the percentage of total men-days deployed using local manpower.

(ii) the Contractor shall submit the local manpower employment reports as often as it is reasonably requested by the Employer's Representative.

(iii) the Employer's and Contractor's representatives shall consult each other to ensure that the Contractor's obligation towards local manpower employment is met during the Works execution.

(iv) At the time of works completion, the Contractor shall submit a certified audited report to the Employer to substantiate the actual percentage of local manpower employed throughout the execution of the works.

(v) The preference security shall be forfeited by the employer in case of failure on the part of the contractor to employ at least 80% of the local manpower in the execution of the Works.

50. Dayworks

50.1 If applicable, the Dayworks rates in the Contractor's Bid shall be used only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.

50.2 All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done.

50.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

51. Cost of Repairs

51.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

52. Labour Clause

52.1 (a) The rates of remuneration and other conditions of work of the employees of the Contractor shall not be less favorable than those established for work of the same character in the trade concerned-

(i) by collective agreement applying to a substantial proportion of the workers and employers in the trade concerned;

(ii) by arbitration awards; or

(iii) by Remuneration Regulations made under the Labour Act, 2007.

(b) Where remuneration and conditions of work are not regulated in a manner referred to at (a) above, the rates of the

remuneration and other conditions of work shall be not less favorable than the general level observed in the trade in which the contractor is engaged by employers whose general circumstances are similar.

52.2 No Contractor shall be entitled to any payment in respect of work performed in the execution of the contract unless he has, together with his claim for payment, filed a certificate:

- (a) stating the rates of remuneration and hours of work of the various categories of employees employed in the execution of the contracts;
- (b) stating whether any remuneration payable in respect of work done is due;
- (c) containing such other information as the Chief Executive Officer of the Public Body administering the contract may require to satisfy himself that the provisions under this clause have been complied with.

52.3 Where the Chief Executive Officer of the Public Entity administering the contract is satisfied that remuneration is still due to an employee employed under this contract at the time the claim for payment is filed under subsection *[GCC 41]*, he may, unless the remuneration is sooner paid by the Contractor, arrange for the payment of the remuneration out of the money payable under this contract.

52.4 Every Contractor shall display a copy of this clause of the contract at the place at which the work required by the contract is performed.

E. Finishing the Contract

53. Completion

53.1 The Contractor shall request the Project Manager to issue a Certificate of Completion of the Works, and the Project Manager shall do so upon deciding that the whole of the Works is completed.

54. Taking Over

54.1 The Employer shall take over the Site and the Works within seven days of the Project Manager's issuing a certificate of Completion.

- 55. Final Account** 55.1 The Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 60 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 60 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a payment certificate.
- 56. Operating and Maintenance Manuals** 56.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates **stated in the SCC**.
- 56.2 If the Contractor does not supply the Drawings and/or manuals by the dates **stated in the SCC** pursuant to GCC Sub-Clause 55.1, or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount **stated in the SCC** from payments due to the Contractor.
- 57. Termination** 57.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.
- 57.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:
- (a) the Contractor stops work for 30 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Project Manager;
 - (b) the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 30 days;
 - (c) the Employer or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
 - (d) a payment certified by the Project Manager is not paid by the Employer to the Contractor within 60 days of the date of the Project Manager's certificate;
 - (e) the Project Manager gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Manager;
 - (f) the Contractor does not maintain a Security, which is required;

- (g) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as **defined in the SCC**; or
- (h) if the Contractor, in the judgment of the Employer, has engaged in corrupt or fraudulent practices in competing for or in executing the Contract, pursuant to GCC Clause 57.1.

57.3 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under GCC Sub-Clause 56.2 above, the Project Manager shall decide whether the breach is fundamental or not.

57.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

57.5 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

58. Fraud and Corruption

58.1 If the Employer determines that the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Employer may, after giving 15 days' notice to the Contractor, terminate the Contractor's employment under the Contract and expel him from the Site, and the provisions of Clause 57 shall apply as if such expulsion had been made under Sub-Clause 57.5 [Termination by Employer].

58.2 Should any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Works, then that employee shall be removed in accordance with Clause 9.

58.3 For the purposes of this Sub-Clause:

- (i) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- (ii) "fraudulent practice" is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
- (iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly

the actions of a party;

- (v) “obstructive practice” is
 - (a) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - (b) acts intended to materially impede the exercise of an inspection and audit rights provided for under Sub-Clause 22.2.

59. Payment upon Termination

59.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as **indicated in the SCC**. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.

59.2 If the Contract is terminated for the Employer’s convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor’s personnel employed solely on the Works, and the Contractor’s costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

60. Property

60.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer if the Contract is terminated because of the Contractor’s default.

**61. Release from
Performance**

- 61.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made.

Section VII. Special Conditions of Contract

These clauses should be read in conjunction with the General Conditions of Contract:

A. General	
GCC 1.1 (r)	The Employer is <i>Kunene Regional Council (KRC)</i> .
GCC 1.1 (v)	The intended Completion Date for the whole of the works shall be <i>within Six (6) calendar months after project site hand over, excluding the annual builder's holiday during December and January, but including all other statutory holidays.</i>
GCC 1.1 (y)	The Project Manager is: <i>Lithon Project Consultants (Namibia)</i> <i>P.O. Box 40902</i> <i>Aussplannplatz</i> <i>Windhoek</i>
GCC 1.1 (aa)	The Site is located at <i>Erf 350 and 364, Okanguati, on the C43 Road as defined on drawing 21/33-000.</i>
GCC 1.1 (dd)	“The Project Start Date shall be <i>the date of site handover.</i> ”
GCC 1.1 (hh)	<i>The Works consist of the construction of a new office building and external works as per the drawings listed in drawing list, Part 2, Section V – Employer's Requirements, Drawings.</i>
GCC 2.2	Sectional Completions are <i>not applicable.</i>
GCC 2.3(i)	The following documents also form part of the Contract: - Bid Documents - Bid Drawings
GCC 5.1	The Project manager <i>may</i> delegate duties and responsibilities as follows: <i>Architect:</i> <i>Prinsloo Loubser Architects Incorporated</i> <i>P.O.Box 22111</i> <i>Windhoek</i> <i>Quantity Surveyor:</i> <i>J&L Project Consultant</i> <i>P.O.Box 81643</i> <i>Olympia</i> <i>Windhoek</i> <i>Civil/ Structural/ Mechanical/ Electrical Engineer</i>

	<p><i>Lithon Project Consultants (Namibia):</i> <i>P.O. Box 40902</i> <i>Aussplannplatz</i> <i>Windhoek</i></p>
GCC 6.1	<p>Delivery address for notices is:</p> <p>Employer:</p> <p><i>Kunene Regional Council</i> <i>Procurement Management Unit</i> <i>Mbumbiazo Muharukua Street</i> <i>Private Bag 502</i> <i>Opuwo</i> <i>Tel: +264 65 273 950</i> <i>Email: pmu@kunenerc.gov.na</i> <i>Opuwo, Kunene Region</i></p> <p>Contractor:</p> <p><i>To be confirmed on appointment.</i></p>
GCC 8.1	<p>Schedule of other contractors: <i>None</i></p>
GCC 13.1	<p>Except for the cover mentioned in (d)(i) hereunder, the other insurance covers shall be in the joint names of the Contractor and the Employer and the minimum insurance amounts shall be:</p> <p>(a) for the Works, Plant and Materials:</p> <p><i>Full amount of works plus 25%.</i></p> <p>(b) for loss or damage to Equipment:</p> <p><i>The replacement value of the equipment that the Contractor intends to use on site until the taking over by the Employer.</i></p> <p>(c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract:</p> <p><i>Replacement value of the properties that are exposed to the action of the contractor in the execution of the works.</i></p> <p>(d) for personal injury or death:</p>

	<p>(i) of the Contractor's employees:</p> <p><i>N\$2,000,000.00 for each and every claim occurrence without a limit to the number of occurrences.</i></p> <p>(ii) of other people:</p> <p><i>N\$2,000,000.00 for each and every claim occurrence without a limit to the number of occurrences.</i></p> <p>(e) for loss or damage to materials on-site and for which payment have been included in the Interim Payment Certificate, where applicable.</p> <p>The Contractor shall choose to take the insurance covers indicated above as separate covers or a combination of the Contractor's All Risks coupled with the Employer's liability and First Loss Burglary, after approval of the Employer. All insurance covers shall be of nil or the minimum possible deductibles at sole expense of the contractor.</p>
GCC 14.1	<i>Additional geotechnical data is available on request. The site is located on Erf 350 and 364, Okanguati, Kunene Region.</i>
GCC 20.1	The Site Possession Date(s) shall be <i>within 30 days of award of project or earlier subject to the submission of the Performance Guarantee and Insurance by the successful Contractor.</i>
GCC 23.1 & GCC 23.2	Appointing Authority for the Adjudicator: <i>No Adjudicator shall be appointed for this Contract. If however, should there be a need to appoint one it will have to be appointed jointly by the Employer and the Contractor.</i>
GCC 24.1	<p>In case a dispute of any kind arises between the Employer and the Contractor in connection with, or arising out of, the contract or the execution of works or after completion of works and whether before or after repudiation or other termination of Contract, including any dispute as to any opinion, instruction, determination, certificate or valuation of the Employer's Representative, the matter in dispute shall, in the first place, be referred in writing to the employer's representative, with a copy to the other party.</p> <p>The Employer and the Contractor shall make every effort to resolve the dispute amicably by direct informal negotiation. If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Public Entity or the Contractor may give notice to the other party of its intention to refer the matter to arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of the matter may be commenced unless such notice.</p>
GCC 24.3	Hourly rate and types of reimbursable expenses to be paid to the Adjudicator: Not applicable.
GCC 24.4	Any dispute or difference in respect of which a notice of intention to commence arbitration has been given shall be finally settled by arbitration

	<p>in accordance with Namibian Laws by an Arbitrator to be appointed by both parties to the dispute or in any case of disagreement, by an Arbitrator to be appointed by a judge in Chambers of Namibia.</p> <p>The Arbitrator fees will be borne by the losing party. Any decision of the Arbitrator shall be final and binding to both parties.</p>
B. Time Control	
GCC 25.1	The Contractor shall submit for approval a program for the works within 14 days from the date of the notification of award.
GCC 25.3	The period between program updates will be 30 (thirty) days. The amount withheld for late submission of an updated program shall be 5% of the next payment certificate.
C. Quality Control	
GCC 33.1	The Defects Liability Period is 365 days .
GCC 39.7	Interim Payment for Plant and Material on site is applicable to 80% of the delivered material value .
D. Cost Control	
GCC 41.1 (l)	<i>The possible adverse weather conditions could be extreme temperatures, extensive rain and flooding which could affect the construction progress.</i>
GCC 43.1	The currency of the Employer's country is Namibian Dollars .
GCC 44.1	The Contract is not subject to price adjustment.
GCC 45.1	The proportion of payments retained is 10 (ten) percent of the value of work and materials valued, until such time as the amount retained equals 5 (five) percent of the contract sum is retained, excluding VAT.
GCC 46.1	The liquidated damages for the whole of the Works are 0,1% of the contract amount per calendar day to a maximum amount of 10% of contract amount .
GCC 47.1	The Bonus for the whole of the Works is not applicable .
GCC 48.1	The Advance Payments shall be not applicable .
GCC 49.1	<p>The Performance Security amount is:</p> <p>(a) Bank Guarantee 10% of the Contract Amount.</p>
E. Finishing the Contract	
GCC 55.1	The date by which operating, and maintenance manuals are required is seven

	<p><i>(7) days after Intended Completion.</i></p> <p>The date by which “as built” drawings are required is <i>seven (7) days after Intended Completion.</i></p>
GCC 55.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required in GCC 58.1 is N\$ 20 000.00.
GCC 56.1	Operating and maintenance manuals should be supplied to the employer by the contractor no later than <i>seven (7) days after intended completion.</i>
GCC 57.2 (g)	The maximum number of days is <i>30 days.</i>
GCC 59.1	The percentage to apply to the value of the work not completed, representing the Employer’s additional cost for completing the Works is <i>10 (ten) percent.</i>

Section VIII - Contract Forms

The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Bidder after contract award.

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Contract Agreement

THIS AGREEMENT made on theday of, between

.....
(hereinafter “the Employer”), of the one part,

and

.....
(hereinafter “the Contractor”), of the other part:

WHEREAS the Employer desires that the Works known as

.....
should be executed by the Contractor, and has accepted a Bid by the Contractor for the execution and completion of these Works and the remedying of any defects therein,

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.

- (a) The Contract Agreement
- (b) the Notification of Award
- (c) the Bid
- (d) the General Conditions of Contract;
- (e) the Special Conditions of Contract;
- (f) the Specifications
- (g) the Drawings; and
- (h) the Bills of Quantities

3. In consideration of the payments to be made by the Employer to the Contractor as indicated in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the

Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Namibia on the day, month and year indicated above.

Signed by: _____
for and on behalf of the Employer

Signed by: _____
for and on behalf the Contractor

in the
presence of: _____
Witness, Name, Signature, Address, Date

in the
presence of: _____
Witness, Name, Signature, Address, Date

APPENDIX TO CONTRACT

Performance Security (Bank Guarantee)

(The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated)

Date: *(insert date (as day, month, and year) of Bid Submission)*

Procurement Reference No. and title: *(insert no. and title of bidding process)*

Bank's Branch or Office: *(insert complete name of Guarantor)*

Beneficiary: *(insert complete name of Purchaser)*

PERFORMANCE GUARANTEE No.: *(insert Performance Guarantee number)*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *(insert number)* dated *[insert day and month]*, *(insert year)* with you, for the supply of *(description of goods and related services)* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *(insert amount(s)⁸ in figures and words)* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *(insert number)* day of *(insert month)* *(insert year)*,⁹ and any demand for payment under it must be received by us at this office on or before that date.

.....**Bank's seal and authorized signature(s)**

⁸ The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, in the currency of the Contract.

⁹ Dates established in accordance with Clause 18.4 of the General Conditions of Contract ("GCC"), taking into account any warranty obligations of the Supplier under Clause 16.2 of the GCC intended to be secured by a partial Performance Guarantee. The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the Bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee. In preparing this Guarantee, the Purchaser might consider adding the following text to the Form, at the end of the penultimate paragraph: "We agree to a one-time extension of this Guarantee for a period not to exceed [six months] [one year], in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee."

Sample Form of Preference Security

Form of Preference Security (Bank Guarantee)

To: _____ *[name of
Employer]*

*[address of
Employer]*

WHEREAS _____ *[name and
addresses of the contractor]* (hereinafter called "the Contractor"), has undertaken in
pursuance to Contract No. _____ dated _____ to execute

*[name of Contract and brief Description of
Works]*, (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a local commercial bank for the sum specified therein as security for compliance with his obligation stated in Sub-Clause 49.2 of the Conditions of Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee.

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ *[amount of Guarantee]*¹⁰, we undertake to pay you, upon your first written demand and without your having to substantiate such demand any sum within the limit of _____ *[amount of Guarantee]*.¹

We hereby waive the necessity of demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in anyway release us from liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee is valid until the date of the Completion Certificate.

Signature and Seal of the Guarantor

Name of Bank _____
Address _____

¹⁰ Amount to be inserted by the Guarantor in accordance with Sub-Clause 49.2 of the General Conditions of Contract

Date _____

Advance Payment Security

[Bank's Name, and Address of Issuing Branch or Office]

Beneficiary: *[Name and Address of Employer]*

Date:

Advance Payment Guarantee No.:

We have been informed that *[name of the Contractor]*. (hereinafter called “the Contractor”) has entered into Contract No. *[reference number of the Contract]*. dated with you, for the execution of *[name of contract and brief description of Works]*. (hereinafter called “the Contract”).

Furthermore, we understand that, according to the Conditions of the Contract, an advance payment in the sum *[name of the currency and amount in figures]*¹. (*[amount in words]*.) is to be made against an advance payment guarantee.

At the request of the Contractor, we *[name of the Bank]*. hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[name of the currency and amount in figures]**. (*[amount in words]*.) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract because the Contractor used the advance payment for purposes other than the costs of mobilization in respect of the Works.

It is a condition for any claim and payment under this guarantee to be made that the advance payment referred to above must have been received by the Contractor on its account number *[Contractor's account number]*. at *[name and address of the Bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor as indicated in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that eighty (80) percent of the Contract Price has been certified for payment, or on the ... day of², whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

..... *[Seal of Bank and Signature(s)]*.

All italicized text is for guidance on how to prepare this demand guarantee and shall be deleted from the final document.

¹ The Guarantor shall insert an amount representing the amount of the advance payment denominated in Namibian Dollars as specified in the Contract.

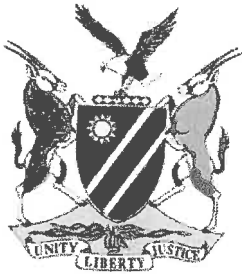
² Insert the expected expiration date of the Time for Completion. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: “The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Employer’s written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.”

PART 4 – Additions to the Standard Bid Document

Appendix I: Bills of Quantities

Appendix II: Drawings

Appendix-III: Health & Safety Specifications



KUNENE REGIONAL COUNCIL



Standard Bidding Document

Invitation for Bids (IFB)

CONSTRUCTION OF NEW OKANGUATI SETTLEMENT OFFICE BUILDING – PHASE 1B: OFFICE BUILDING, IN KUNENE REGION, NAMIBIA

Procurement Reference No: W/ONB/KRC-02/2022

1. Bids are invited through Open National Bidding (ONB) procedures
CONSTRUCTION OF NEW OKANGUATI SETTLEMENT OFFICE BUILDING
– PHASE 1B: OFFICE BUILDING, IN KUNENE REGION, NAMIBIA
2. Interested eligible bidders may obtain further information from **Kunene Regional Council**, email: pmu.kunenerc@gmail.com.
3. A complete set of Bidding Documents in **English** may be purchased by interested bidders on the submission of a written application to the address below and upon payment of a non-refundable fee of **NS 300.00**. The method of payment will be **EFT or Cash Deposit into Kunene Regional Council, Account Number: 62072239364, First National Bank, Opuwo Branch, branch code: 261473**. The Bidding Documents will be given upon payments or proof of bank deposit. s

NB: Kunene Regional Council will not be responsible for sending bidding documents to bidders.

4. Bids must be delivered to Kunene Regional Council at or before **30st September 2022 by 11h00**. Electronic bidding will not be permitted. Late bids will be rejected. Bids will be opened in the presence of the bidders' representatives who choose to attend in person at Kunene Regional Council Boardroom on **30st September 2022 at 11h30**. All bids must be accompanied by a Bid-Securing Declaration.

The address (es) referred to above is:

Kunene Regional Council
Private Bag 502
OPUWO
Mbumbijazo Muharukua Street

Yours faithfully,

GEORGE P. KAMSEB
CHIEF REGIONAL OFFICER



