

Reference No:

**TENDERERS**  
Distribution List

9 April 2020

**Attention: To whom it may concern**

<b>TENDER NAME:</b>	<b>EXTENSIONS TO SUNDALE DAIRY IN ZONE 1A OF THE ELIDZ</b>
<b>TENDER No:</b>	<b>EB/SUN/EXT/04/19/Z1A</b>
<b>TITLE:</b>	<b>ADDENDUM No 2</b>

### 1. Clarification: Details of Instructions issued with this Addendum

Changes made to the document are highlighted hereunder:

	<b>This Addendum</b>
<b>ENVELOPE "A"</b>	
<b>VOLUME 1 OF 2: TECHNICAL PROPOSAL</b>	
<b>Part T1: Tendering Procedures</b>	
T1.1 Tender Notice and Invitation to Tender	
T1.2 Tender Data	
T1.3 Functionality Scoring Criteria	
F Standard Conditions of Tender	
<b>Part C3: Scope of Work</b>	
C3.1 Scope of Work	
C3.2 Design Specifications and Criteria	
C3.3 Health and Safety Specifications	
C3.4 Construction Environment Management Plan	
C3.5 HIV/AIDS Specification	
C3.6 National Treasury Designated Sectors Minimum Local Content Specification	
C3.7 SMME Specification	
<b>Part C4: Site Information</b>	
C4. Site Information	
<b>Part C5: Geotechnical Report</b>	
C5. Geotechnical Report	
<b>Part D1: Drawings</b>	
D1. Drawing Register	
<b>ENVELOPE "A"</b>	
<b>VOLUME 2 OF 2: TECHNICAL PROPOSAL</b>	
<b>Part T2: Returnable Schedules</b>	
T2.1 List of Returnable Documents	
T2.2 Returnable Documents (Compulsory Submissions)	

	This Addendum
T2.3 Returnable Documents (Forms – Submission for Evaluation)	
T2.4 Returnable Documents (For Functionality Scoring)	
<b>ENVELOPE "B": FINANCIAL PROPOSAL</b>	
<b>AGREEMENT AND CONTRACT DATA</b>	
<b>Part C1: Agreements and contract data</b>	
C1.1 Contract Data	See Annexure A for details
C1.2 Form of Guarantee	
<b>Part C2: Pricing data</b>	
C2.1 Pricing Instructions	
C2.2 Schedule of Rates and Summary Pages	
C2.3 Schedule for Imported Materials and Equipment	
C2.4 Guarantor Pro-forma Letter of Intent	
C2.6 Form of Offer and Acceptance	
C2.7 Declaration Certificate for Local Production and Content for Designated Sectors	

## 2. Contract Data

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Refer to **Annexure A** and replace the relevant pages.

## 3. Clarification Questionnaire

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Refer to **Annexure B** for clarifications relating to the queries received from tenderers.

## 4. Acknowledgement of Receipt

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The acknowledgement of receipt of **Addendum No. 2** (hereunder) is to be completed and returned to our offices before the tender closing date. Fill in **Addendum No. 2** under **item no. 2** on Part T2.3: Returnable Documents, Form P07 on Page 11 included with the returnable schedules.

Also, include the original with your tender attached to the abovementioned Form P07.

## 5. Queries

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If you have any queries or require additional information, please do not hesitate to contact the undersigned.

Yours faithfully,

**GARY WHITTAKER**  
ELIDZ Project Manager

<b>ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 2</b>
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**THE ORIGINAL TO BE RETURNED WITH THE TENDER DOCUMENT**

**EMAIL A SCANNED COPY TO GARY@ELIDZ.CO.ZA**

I/We hereby acknowledge that we have received **Addendum No. 2** and have taken cognizance of the content thereof and included it in our tender price.

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Name:

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Signature:

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Tenderer:

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Date

## **Annexure A: Contract Data**

**PARTICULAR CONDITIONS PART A – CONTRACT DATA****General Conditions of Contract for EPC/Turnkey Projects, Second Edition 2017.**

The Conditions of Contract comprise the “General Conditions or General Conditions of Contract or GCC”, which form part of the “Conditions of Contract for EPC/Turnkey Projects “ Second Edition 2017 published by the Fédération Internationale des Ingénieurs-Conseils (FIDIC), the Contract Data (Particular Conditions – Part A) and the following “Special Provisions” (Particular Conditions – Part B), which include amendments and additions to such General Conditions.”

Sub-Clause	Data to be given	Data
1.1.17.....	where the Contract allows for Cost Plus Profit, percentage profit to be added to the Cost:.....	7.5%
1.1.24.....	Defects Notification Period (DNP): .....	1 calendar year
1.1.30.....	The Employer’s Representative: .....	Louis Fourie Newground Projects
1.1.76.....	Time for Completion: .....	
	Section 1	147 calender days
	Section 2	224 calender days
	Section 3	238 calender days
1.3 (a)(ii) ...	agreed methods of electronic transmission: .....	e-mail
1.3(d) .....	address of Employer for communications: .....	G Whittaker Cell: 082 463 2299 Email: gary@elidz.co.za
1.3(d) .....	address of Employer’s Representative for communications: .....	L Fourie Cell: 082 576 6828 Email: louis@newground.co.za
1.3(d) .....	address of Contractor for communications: .....	(TBP)
1.4.....	Contract shall be governed by the law of:	South Africa
1.4.....	ruling language:.....	English
1.4.....	language for communications:.....	English
1.8.....	number of additional paper copies of Contractor’s Documents.....	Two
1.14.....	total liability of the Contractor to the Employer under or in connection with the Contract .....	Contract Price as stated in the Contract Agreement
1.17.....	special non-working days are .....	Statutory holidays and the recognised SAFSEC annual

Tenderer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_ Employer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_

Sub-Clause	Data to be given	Data
		construction holiday period
2.1.....	After the Contract comes into full force and effect, the Contractor shall be given right of access to all or part of the Site within.....	14 days from the Commencement Date
2.4.....	Employer's financial arrangements.....	SEZ Development Funding approved by DTI (proof available on request)
4.2.....	Performance Security – Pro-forma annexed (as percentages of the Contract Price as stated in the Contract Agreement in Currencies): percent..... currency .....	10% South African Rand (ZAR)
4.4(a) .....	maximum allowable accumulated value of work subcontracted (as a percentage of the Contract Price): .....	N/A
4.4(b) .....	parts of the Works for which subcontracting is not permitted .....	N/A
4.4.....	(i) Subcontractors for which the Contractor shall give Notice before appointment.....  (ii) Subcontractors for which the Contractor shall give Notice before commencement of work.....  (iii) Subcontractors for which the Contractor shall give Notice before commencement of work on Site	SMME  SMME  SMME
4.19.....	period of payment for temporary utilities.....	Included in next Statement and interim payment each month
4.20.....	number of additional paper copies of progress reports.....	One
6.5.....	normal working hours on the Site .....	As regulated
8.3.....	programming software.....  number of additional paper copies of programmes	Microsoft Projects  One
8.8.....	Delay Damages payable for each day of delay..... Section 1 Section 2 Section 3	0.1% of the Contract Price as stated in the Contract Agreement for each Section
8.8.....	maximum amount of Delay Damages.....	10% of the Contract Price as stated in the Contract Agreement

Tenderer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_ Employer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_

Sub-Clause	Data to be given	Data
13.4(b)(ii) ..	percentage rate to be applied to Provisional Sums for overhead charges and profit.....	0%
14.2.....	total amount of Advance Payment (as a percentage of the final Contract Price) .....	N/A
14.2.....	currency or currencies of Advance Payment .....	N/A
14.2.3.....	percentage deductions for the repayment of the Advance Payment .....	N/A
14.3.....	The Contractor shall submit a Statement to the Employer on the .....	20 <sup>th</sup> of each month
14.3(b) .....	number of additional paper copies of Statements.	One
14.3(iii) .....	percentage of retention .....	10%
14.3(iii) .....	limit of Retention Money (as a percentage of Contract Price as stated in the Contract Agreement	10%
14.5(b)(i) ...	Plant and Materials for payment when shipped ....	N/A
14.5(c)(i) ...	Plant and Materials for payment when delivered to the Site.....	N/A
14.6.2.....	minimum amount of interim payment.....	N/A
14.7(b)(i) ...	period for the Employer to make interim payments to the Contractor under Sub-Clause 14.6 [ <i>Interim Payment</i> ].....	30 days
14.7(b)(ii) ..	period for the Employer to make final payment to the Contractor under Sub-Clause 14.13 [ <i>Final Payment</i> ].....	30 days
14.7(c) .....	period for the Employer to make final payment to the Contractor .....	30 days
14.8.....	financing charges for delayed payment (percentage points above the average bank short-term lending rate as referred to under sub-paragraph (a)) .....	2%
14.9.....	See definition of Sections below.....	See definition of Sections below
14.11.1(b) .	number of additional paper copies of draft Final Statement.....	One
14.15.....	currencies for payment of Contract Price.....	South African Rand (ZAR)
14.15(a)(i) .	proportions or amounts of Local and Foreign Currencies are: Local .....	100%
	Foreign.....	0%
14.15(c).....	Currencies and proportions for payment of Delay Damages.....	100% South African Rand (ZAR)

Tenderer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_ Employer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_

Sub-Clause	Data to be given	Data
14.15(g) ....	rates of exchange.....	N/A
17.2(d) .....	forces of nature, the risks of which are allocated to the Contractor .....	N/A
19.2(1)(b) ..	additional amount to be insured (as a percentage of the replacement value, if less or more than 15%).	18%
19.2(1)(iv) .	list of Exceptional Risks which shall not be excluded from the insurance cover for the Works.....	N/A
19.2.2.....	extent of insurance required for Goods ..... amount of insurance required for Goods .....	Full Replacement Value
19.2.3(a) ...	amount of insurance required for liability for breach of professional duty .....	Contract Price as stated in the Contract Agreement plus 18%
19.2.3(b) ...	insurance required against liability for fitness for purpose .....	Yes
19.2.3.....	period of insurance required for liability for breach of professional duty .....	5 years after the issuing of the Performance Certificate
19.2.4.....	amount of insurance required for injury to persons and damage to property .....	R20,000,000.00
19.2.6.....	other insurances required by Laws and by local practice (give details) .....	N/A
19.2.7.....	SASRIA.....	To the value of the Contract Price as stated in the Contract Agreement plus 18%
21.1.....	time for appointment of DAAB .....	28 days of the Commencement Date
21.1.....	the DAAB shall comprise.....	One member
21.1.....	list of proposed members of DAAB - proposed by Employer .....	1. _____ 2. _____ 3. _____
	- proposed by Contractor.....	1. _____ 2. _____ 3. _____
21.2.....	Appointing entity (official) for DAAB members .....	SA Association of Arbitrators

Tenderer \_\_\_\_\_ Witness 1 \_\_\_\_\_ Witness 2 \_\_\_\_\_ Employer \_\_\_\_\_ Witness 1 \_\_\_\_\_ Witness 2 \_\_\_\_\_



## Definition of Sections (if any):

Description of parts of the Works that shall be designated a Section for the purposes of the Contract (Sub-Clause 1.1.66)	Value: Percentage* of Contract Price (Sub-Clause 14.9)	Time for Completion (Sub-Clause 1.1.76)	Delay Damages (Sub-Clause 8.8)
Section 1 - Area 1 as described in the Scope of Works	Will be determined before the Commencement Date: ___%	147 days <i>2020/06/22 – 2020/11/18</i>	0.1% of the Contract Price as stated in the Contract Agreement for each Section
Section 2 - Area 2 as described in the Scope of Works	Will be determined before the Commencement Date: ___%	224 days <i>2020/06/22 – 2021/03/01</i>	0.1% of the Contract Price as stated in the Contract Agreement for each Section
Section 3 – Balance of Works as described in the Scope of Works	Will be determined before the Commencement Date: ___%	238 days <i>2020/06/22 – 2021/03/15</i>	0.1% of the Contract Price as stated in the Contract Agreement for each Section

Tenderer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_ Employer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_

## PARTICULAR CONDITIONS PART B – SPECIAL PROVISIONS

### General Conditions of Contract for EPC/Turnkey Projects, Second Edition 2017.

The Conditions of Contract comprise the “General Conditions or General Conditions of Contract or GCC”, which form part of the “Conditions of Contract for EPC/Turnkey Projects “ Second Edition 2017 published by the Fédération Internationale des Ingénieurs-Conseils (FIDIC), the Contract Data (Particular Conditions – Part A) and the following “Special Provisions” (Particular Conditions – Part B), which include amendments and additions to such General Conditions.”

Copies of the General Conditions of Contract are available for inspection and scrutiny at the offices of the Employer

The provisions to be found in the Special Provisions (Particular Conditions – Part B) take precedence over the equivalent provisions found under the same Sub-Clause number(s) in the General Conditions, and the provisions of the Contract Data (Particular Conditions – Part A) take precedence over the Special Provisions (Particular Conditions – Part B).”

In this regard, the Standard Conditions of Contract is amended by the numbered clauses set out below, as follows:

- i. where the Standard Conditions of Contract contains no provision with the corresponding clause number in this Special Provisions, the clause set out in this Special Provisions is added and inserted into the Contract; and
- ii. where the Standard Conditions of Contract contains a provision with the corresponding clause number set out in this Special Provisions, the whole provision in the Standard Conditions of Contract is deleted and replaced with the corresponding Special Provision; and
- iii. where the Standard Conditions of Contract contains a provision with the corresponding clause number set out in this Special Provisions, but the Special Condition specifically refers to a specific paragraph i.e. (first paragraph is amended, added as last paragraph etc) within the provision, then only the specific paragraph of the provision in the Standard Conditions of Contract is added or amended (deleted and replaced) with the corresponding Special Provision and the remainder of the provision in the Standard Conditions of Contract will remain unamended or unchanged.

Save as amended in terms of this document, the provisions of the Standard Conditions of Contract shall remain unchanged.

### Clause 1 General Provisions

#### Sub-Clause 1.1 Definitions

1.1.4 "**Commencement Date**" means the date that the Contract comes into effect in terms of the Form of Offer and Acceptance. Where the Contract refers to the date “of both Parties have signed the Contract Agreement” it will have a similar meaning than the Commencement Date.

1.1.48 "**Notice**" means a written communication identified as a Notice and issued in accordance with Sub-Clause 1.3 [*Notices and Other Communications*]. Each Notice shall be issued under separate cover exclusively dealing with the matter under consideration and the title of the Notice clearly reference the Project, the provision(s) under the Contract and the specific matter.

#### Sub-Clause 1.5 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found, the priority shall be such as may be

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Tenderer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_ Employer \_\_\_\_ Witness 1 \_\_\_\_ Witness 2 \_\_\_\_

accorded by the governing law. The Employer's Representative has authority to issue any instruction which he/she considers necessary to resolve an ambiguity or discrepancy.

### **Sub-Clause 1.6 Contract Agreement**

The Contract Agreement means the document that formalises the legal process of offer and acceptance and gives rise to the Contract. The Contract shall come into full force and effect on the by signing the Acceptance part and returning one fully completed original copy of the Contract Agreement.

### **Sub-Clause 1.16 Non Variation**

This Contract is the entire contract between the parties regarding the matters addressed in this Contract. No representations, terms, conditions or warranties not contained in this Contract shall be binding on the parties. No agreement or addendum varying, adding to, deleting or terminating this Contract including this clause shall be effective unless reduced to writing and signed by both parties.

### **Sub-Clause 1.17 Time Calculations**

Except where otherwise provided by the Contract, where a specific time-span is stipulated in the Contract for carrying out any task or for the termination of any right or the duration of any event or circumstance, the special non-working days set out in the Contract Data that fall within the said time-span, shall be excluded from the calculation of the time-span concerned.

## **Clause 5.1 General Design Obligations**

The Contractor shall be deemed to have scrutinised, prior to the Base Date, the Employer's Requirements (including design criteria and calculations, if any).

The Contractor shall carry out, and be responsible for, the design of the Works and for the accuracy of such Employer's Requirements (including design criteria and calculations).

Design shall be prepared by designers who:

- (a) are engineers or other professionals, qualified, experienced and competent in the disciplines of the design for which they are responsible
- (b) comply with the criteria (if any) stated in the Employer's Requirements; and
- (c) are qualified and entitled under applicable Laws to design the Works.

The Employer shall not be responsible for any error, inaccuracy or omission of any kind in the Employer's Requirements as originally included in the Contract and shall not be deemed to have given any representation of accuracy or completeness of any data or information. Any data or information received by the Contractor, from the Employer or otherwise, shall not relieve the Contractor from the Contractor's responsibility for the execution of the Works.

## **Clause 8 Commencement, Delays and Suspension**

### **Sub-Clause 8.1 Commencement of the Works**

The Contractor shall commence the execution of the Works on, or as soon as is reasonably practicable after, the Commencement Date and shall then proceed with the Works with due expedition and without delay.

### **Sub-Clause 8.3 Programme**

The Contractor shall submit an initial programme for the execution of the Works to the Employer within 14 days of the Commencement Date. This programme shall be prepared using programming software stated in the Contract Data (if not stated, the programming software acceptable to the Employer).

*(first paragraph is amended)*

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Tenderer \_\_\_\_\_ Witness 1 \_\_\_\_\_ Witness 2 \_\_\_\_\_ Employer \_\_\_\_\_ Witness 1 \_\_\_\_\_ Witness 2 \_\_\_\_\_

**Sub-Clause 8.8                      Delay Damages**

For the avoidance of doubt, Delay Damages may be deducted in terms of Sub-Clause 14.3 in montly interim payments for every day which shall elapse from the relevant Time for Completion until the relevant Date of Completion or termination, whichever occurs first.

*(added as last paragraph)*

**Sub-Clause 11.10                      Unfulfilled Obligations**

Notwithstanding the issue of the Performance Certificate will the Contractor remain liable for any defects or damage occurring within five years after the issue of the Performance Certificate, whereafter the Contractor will be released of any such liability, except if prohibited by law or in any case of fraud, gross negligence, deliberate default or reckless misconduct..

*(second paragraph is amended)*

**Clause 14                                      Contract Price and Payment**

**Sub-Clause 14.9                      Release of Retention Money**

After the issue of the Taking-Over Certificate for:

- a) A Section, the Contractor shall include the relevant percentage of the first half of the Retention Money in a Statement. The relevant percentage for each Section shall be the percentage as stated in the Contract Data,

The Contractor shall include the second half of the Retention Money in a Statement promptly after the issuing of the Performance Certificate and the Contractor has complied with Sub-Clause 11.11 [*Clearance of Site*].

In the next interim payment after the Employer receives any such Statement, the Employer shall release the corresponding amount of Retention Money.

However, when considering the amount to be due for release of Retention Money under Sub-Clause 14.6 [*Interim Payment*], if any work remains to be executed under Clause 11 [*Defects after Taking Over*] or Clause 12 [*Tests after Completion*], the Employer shall be entitled to withhold the estimated cost of this work until it has been executed.

**Clause 19.1                                      General Requirements**

The Party responsible for the insurance will provide the other Party with an insurance policy within 28 Days of the Commencement Date, which will include the deductibles for the other Parties approval, which will not unreasonably withhold. The Party responsible for the dame or loss and relying on the insurance indemnity cover, will be responsible to pay the deductible.

*(sixth paragraph is amended)*

**Clause 19.2                                      Insurance to be provided by the following Parties**

The relevant Party will provide the following insurances;

*(first paragraph is amended)*

**19.2.1 The Works**

The Employer shall insure and keep insured in the joint names of the Contractor and the Employer from the Commencement Date until the date of the issue of the Taking-Over Certificate for the Works:

*(second paragraph under Sub-Clause 19.2.1 is amended)*

However, the insurance cover provided by the Employer for the Works may exclude any of the following:

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Tenderer \_\_\_\_      Witness 1 \_\_\_\_      Witness 2 \_\_\_\_      Employer \_\_\_\_      Witness 1 \_\_\_\_      Witness 2 \_\_\_\_

*(forth paragraph under Sub-Clause 19.2.1 is amended)*

19.2.4 Injury to persons and damage to property

The Employer shall insure, in the joint names of the Contractor and the Employer, against liabilities for death or injury to any person, or loss of or damage to any property (other than the Works) arising out of the performance of the Contract and occurring before the issue of the Performance Certificate, other than loss or damage caused by an Exceptional Event.

The Employer shall insure in the joint names of the Contractor and the Employer from the Commencement Date until the date of the issue of the Taking-Over Certificate for the Works:

*(first paragraph under Sub-Clause 19.2.4 is amended)*

19.2.7 Special Insurance

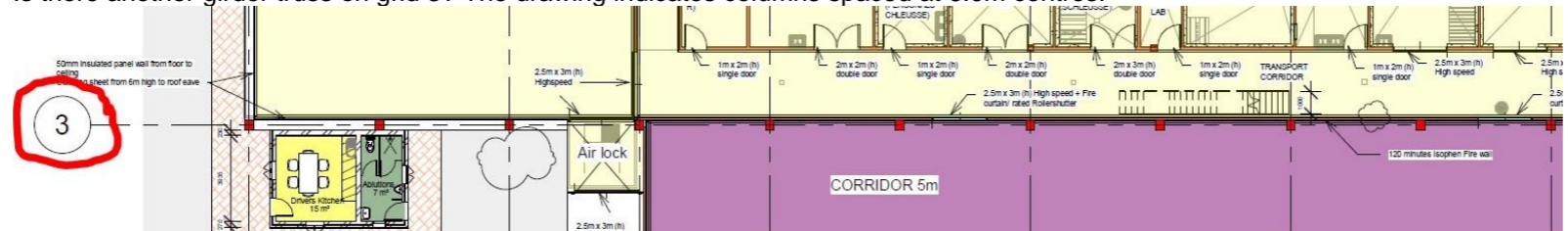
The Employer shall effect special insurance in terms of events covered by the South African Special Risk Insurance Association (SASRIA) to the amount stated in the Contract Data.

## **Annexure B: Clarification Questionnaire**

## CLARIFICATION QUESTIONNAIRE

Submitted on	Clarification Question	Clarification Response
18 March 2020 @ 10:24	<ol style="list-style-type: none"> <li>1. I confirm NO further information has been uploaded onto the ELIDZ portal as tabled in the tender briefings held at ELIDZ, Monday at 11H00 and 13H00.</li> <li>2. Secondly we hereby table our request for an extension of the tender period to a total of 8-weeks. This to allow us to provide the Client (ELIDZ) with a valued engineering design that will inevitably provide a better product and provide the most economical and valued product and save later problems.</li> <li>3. We feel the 6-week period will be too short as the full specification and information has not been provided and will likely only be available at the end of this week. This is already 1-week out of the process, we further require at-least a week to develop and finalise our design, a further 2-weeks to draw-up a BOQ and a further 2-3-weeks to send out and price the BOQ. The 6-weeks will be too short to design and price these works adequately and the Client will be provided a very rushed process with inadequate design and details and not provided a valued product.</li> <li>4. We propose the tender period be extended to 8-weeks from the time ALL details are provided to the tenderers.</li> </ol>	<ol style="list-style-type: none"> <li>1. Noted</li> <li>2. Noted</li> <li>3. Noted</li> <li>4. Refer to Addendum 1</li> </ol>
25 March 2020 @ 10:26	<ol style="list-style-type: none"> <li>1. Thank you for the additional information and confirmation of an extension to the tender closing date per our previous request, as attached.</li> <li>2. However, subsequent to this we, as a nation, have received the proclamation by the President of South Africa that the entire country will be under lock-down from midnight 26/03/2020 to midnight on the 16/04/2020 to combat the speared of the COVIT-19 virus.</li> <li>3. Without sounding ungrateful for the current extension, we request a further extension to the tender process of 21-days, which is in-line with the proclamation by Parliament. We feel this complete works stoppage will adversely impair the valued engineering and tender process and impact negatively on the Clients best interest.</li> <li>4. Please advise of any further extensions at soonest opportunity.</li> <li>5. Secondly I confirm the project specific specification and "cartoon sections" of the plan drawings have not yet been up-loaded. Can you advise when this will happen?</li> </ol>	<ol style="list-style-type: none"> <li>1. Noted</li> <li>2. Noted</li> <li>3. Refer to Addendum 2</li> <li>4. Noted, we will comply to Treasury note</li> <li>5. Refer to ELIDZ portal Additional Sundale Documents uploaded on 26 March 2020</li> </ol>
25 March 2020 @ 11:24	<ol style="list-style-type: none"> <li>1. Has the current design shared with tenderers has been submitted to Council (SDP) and approved?</li> <li>2. Are you intending to submit the current design after SDP approval to Council for Building Plan Approvals while the tenders are tendering? <ul style="list-style-type: none"> <li>• If this is the case, do they agree I understand that one cannot change the proposed aesthesis and plans once approved. One can make minor changes and then submit "as builds" according to me after construction.</li> </ul> </li> <li>3. Will the appointment for the consultants be only then for Work Stages 4, 5 and 6 and have a formal handover from the team that has done Work Stages 1 to 3?</li> <li>4. We request Detail Electrical drawings and Mechanical Drawings.</li> <li>5. We request list of locally preferred professional designed sub-consultants for the 30% sub-contracting requirement</li> </ol>	<ol style="list-style-type: none"> <li>1. Not yet.</li> <li>2. It is in the process of being submitted by the ELIDZ architect. Your interpretation is correct.</li> <li>3. The ELIDZ has done the concept design in collaboration with the end user. The professional team to be used by the contractor is responsible for all stages of the project.</li> <li>4. No detail electrical and mechanical drawings will be provided as this forms part of the EPC contractor's scope.</li> <li>5. We do not have a list of locally preferred professionals.</li> </ol>
25 March 2020 @ 14:40	<p>As per our telecon could you kindly assist regarding the attached addendum:</p> <ol style="list-style-type: none"> <li>1. Returnable Documents ( as per the below snip from your addendum No 1) : Paragraph 6 notes that we should refer to annexure C and add to the document, however there is no information under annexure C, please clarify.</li> </ol> <p><b>6. Returnable Documents</b></p> <p>Refer to <b>Annexure C</b> and add the relevant pages.</p>	<ol style="list-style-type: none"> <li>6. Please refer to Envelope A Volume 2 of 2. Part T2.2 stops at Document 10 and page 12. Please insert/add this Document 11 and page 13 to Part T2.2.</li> </ol>
30 March 2020 @ 12:58	<ol style="list-style-type: none"> <li>1. Is it possible to get the PDF drawings on tender website in DWG format.</li> </ol>	<ol style="list-style-type: none"> <li>1. DWG format drawings have been placed on the website</li> </ol>
31 March 2020 @ 12:27	Some clarifications required from a structural perspective:	

CLARIFICATION QUESTIONNAIRE

Submitted on	Clarification Question	Clarification Response
	<p>1. Load allowances for walk-on ceilings: The design specifications indicate a Live Load of 1000 kg/m<sup>2</sup> in places. This is very high load for a ceiling to carry on its own and to transfer to a steel structure with suspension wire in the traditional manner. This will definitely require another substructure to which the ceiling can be attached to. We just want to confirm that it is in fact not an error at 1000kg/m<sup>2</sup>.</p> <p><b>2.2.9 S.10 Suspended floor Slabs Loadings:</b> First floor slab: LL = 500kg/m<sup>2</sup> Second floor: LL = 500kg/m<sup>2</sup> ADD: As indicated on the Architect's drawings the following Live Loads are applicable to the walk-on ceilings: ADD: 3.5m high, Walk-on ceiling required between grid lines T to V in the Cheese Factory with LL = 1000kg/m<sup>2</sup> ADD: 6m high, Walk-on ceiling required between grid lines Q to S in the Cheese Factory with LL = 150kg/m<sup>2</sup> Note: the requested loading is higher than what the SANS code recommends for the occupancy class (normally 300kg/m<sup>2</sup>)</p> <p>2. Walk-on ceilings fixing details: How are the walk-on ceilings envisaged to be fixed? Will they be suspended with cables/rods from the steel trusses? What would be the distance between these cable/rod supports and would it be fixed to the purlins? Is there a structure of some sort on top of the ceiling? Would this area be used as storage? This would possibly impact the practicality of using diagonal cable/rod supports. Would a better solution not be a longspan RC slab onto columns for the 3.5m high walk-on ceilings?</p> <p>3. Cat ladder: A load allowance of 200 kg/m<sup>2</sup> for the whole structure seems excessive. A better approach would be to allow for point loads onto the trusses at sensible locations.</p> <p>4. Member sizes: The specification is very specific with regards to structural member sizes. What if these do not suit the design. Should we not be at liberty to determine our own sizes? Furthermore the allowances made for loading in certain areas seem excessive and will have a dramatic influence on the structural design and therefore member sizes. For instance the PV panels at 20kg/m<sup>2</sup> seems excessive. Ceiling panels at 60kg/m<sup>2</sup>. Services at 40kg/m<sup>2</sup> across the entire structure, etc.</p>	<p>1. This is a tenant requirement for their plant installations as indicated between grid lines T to V in the SOS section. The term "walk on ceilings" as used by the Architect in fact means that a structural platform is required above the iso panel type ceilings where plant installations will be done. This area will require a substructure to support the structural platform. The platform would comprise Rectagrid (or similar) bolt-on panels to accommodate a Live Load of 1000 kg/m<sup>2</sup> and installed with a plenum space between it and the iso panel ceiling below. The structural platform is the responsibility of the EPC Contractor.</p> <p>2. Iso panel ceilings suspended from structural steel trusses cannot support 1000kg/m<sup>2</sup> (10KN/m<sup>2</sup>) plant load. Plant installations are generally installed on heavy duty concrete slabs or structural steel platforms. These floors are not suspended off the trusses. The iso panel ceilings are generally structurally strong enough for walk on for installation of light fittings and light weight equipment.</p> <p>3. If a specific suspended walkway is required over the ceiling, we suggest the LL design load to be 1.5kPa (150kg/m<sup>2</sup>) for the gantry walkway.</p> <p>4. The member sizes are given as a concept guide and the structural design engineer must design the structure; therefore, the member sizes can be changed to suite the design requirements. The Loadings given are required as per the various installations.</p> <p><u>General note:</u> The EPC Contractor is to provide a value engineered solution that meets the loading requirements.</p>
<p>1 Apr 2020 @ 08:42</p>	<p>1. Note "S.2" refers to "Girder columns: ... at 12000mm centres... on grid 3".</p> <p><b>S.2 Structure - Internal Stanchions</b> Girder columns: 203x203x60kg/m, UC steel sections at 12000mm centres with HDG finish on grid 2. Girder columns: 254x254x7kg/m, UC steel sections at 12000mm centres with HDG finish on grid 3. Note: Vertical bracing from floor to underside of truss will be required in one 12m girder bay on grid line 2&amp;3. Vertical K bracing is used on internal grids under the plate girder.</p> <p>Is there another girder truss on grid 3? The drawing indicates columns spaced at 6.0m centres.</p> 	<p>1. Girder columns: 203x203x60kg/m H; on grid 2 at 12m c/c. 254x254x75kg/m H columns on grid line 3 at 6m c/c. No girder truss will be required.</p> <p>The larger columns on grid line 2 was spaced at 6m to accommodate and support 1<sup>st</sup> and 2<sup>nd</sup> floor slabs adjacent to grid line 3.</p> <p>Note it is the designer's responsibility to produce a value engineered solution. The sizes and details provided are conceptual and may be revised based on the design solution. The designer can consider alternatives such as concrete for example but:</p> <ul style="list-style-type: none"> <li>• Consider construction timeframes</li> <li>• Consider functionality</li> <li>• Consider fit for purpose</li> </ul>



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03 April 2020 @ 00:06	1. Is it possible for you to resend the drawings sent 02 April, as per your email below, in PDF format.	1. All required pdf drawings have been made available on the website
04 April 2020 @ 08:07	Are you able to please send us the PLT / SHX Files for the 5 drawings for Sundale received yesterday.	The tender called for EPC Contractors to work on REVIT software - the documentation provided is adequate for this purpose.
06 April 2020 @ 09:09	<p>Kindly clarify the following with regard to the above-mentioned tender:</p> <ol style="list-style-type: none"> <li>1. Which internal divisions are the tenants responsibility and which must be included in the our Contract. (Exclusions on the Cartoon G5 Internal division walls within the factory). At the briefing they mentioned only perimeter walls where exposed. (IE not covered by side cladding)</li> <li>2. Which insulated ceiling panels need to be included. (at the briefing the mentioned excluding to cold rooms) These insulated panels are quite expensive so it is better to know what is required.</li> <li>3. Specification of finishes REV A E05 Sisalation over coldroom, cheese and SOS, description refers to office/ administration buildings. EO4 Refers to Isover 75mm Factorylite over the same area. The cartoon A7 refers to 50mm Owens Corning SA Factorylite.</li> <li>4. The specifications document included with the tender documents, are those the minimum requirements and can the tenderer provide any "similar" product.</li> </ol>	<ol style="list-style-type: none"> <li>1. All surfaces creating closure of the external envelope of the building - whether roof sheeting, side cladding, iso panels, doors etc are the responsibility of the EPC Contractor. <b>Ground Floor:</b> No internal division walls are to be provided by the EPC Contractor - these are the tenant's responsibility. <b>First Floor and Second Floor:</b> The internal perimeter walls around these floor areas and any required door openings to access into these areas are the responsibility of the EPC Contractor. The remaining internal division walls and the ceilings to the First and Second Floor spaces are the responsibility of the tenant.</li> <li>2. The insulated ceiling panels are all the responsibility of the tenant.</li> <li>3. EO4: Change Heading to read as follows: <b>E04: INSULATION: Fibreglass above purlin</b> i.e. this insulation to be used under ALL sheeted roofs; E05: Omit description complete; Cartoon A7 change to read "Isover 75mm thick Factorylite"</li> <li>4. Tenderer may propose any "similar" product, except for the sheeting and cladding specification as the ELIDZ keeps attic stock of this for their long term maintenance requirements.</li> </ol>