



C3.2: STANDARD SPECIFICATION

STANDARD SPECIFICATIONS

The standard specifications on which this contract is based are the **SANS 1200**

The following SANS specifications are also referred to in this document and the Contractor is advised to obtain them from Standards South Africa (a division of SABS) in Pretoria.

SANS 10396: 2003	:Implementing Preferential Construction Procurement Policies using Targeted Procurement Procedures
SANS 1914-1 to 6 (2002)	:Targeted Construction Procurement
SANS 1921 – 1 (2004)	:Construction and Management Requirements for Works Contracts Part 1: General Contracting and Construction Works where accommodation of traffic is involved:
SANS 1921-2 (2004)	:Construction and Management Requirements for Works Contracts Part 2: Accommodation of Traffic on Public Roads Occupied by the Contractor.

PART A: GENERAL

A1 SERVICES

Add the following to the fifth paragraph:

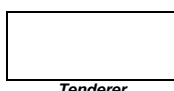
“Provision is made in the bill of quantities for payment for searching and exposing of known or unknown services as well as the relocation and/or protection of existing services. Any moving of existing services which may be required within the proclaimed road reserve will be undertaken by the relevant service authorities or by a selected subcontractor if so ordered by the Employer’s Agent.”

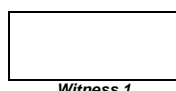
PS2 PROGRAMME OF WORK

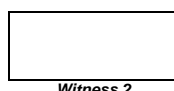
(a) General requirements

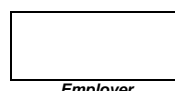
Amend the word “network” in the fourth line of the first paragraph to read as “bar (Gantt) chart”.

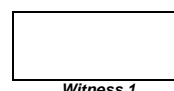
Add the following after the third paragraph:

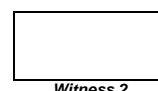

Tenderer


Witness 1


Witness 2


Employer


Witness 1


Witness 2



**CONSTRUCTION OF THE LOSKOP REGIONAL BULK WATER SUPPLY SCHEME IN
THEMBISILE HANI LOCAL MUNICIPALITY – WORK PACKAGE 2 (BULK PIPELINE
FROM PUMP STATION 2 TO VERENA, PUMP STATION 3 AND 4, 10 ML RAW WATER
RESERVOIR, GRAVITY MAIN FROM 10 ML RAW WATER RESERVOIR TO THE WATER
TREATMENT PLANT)**

"The bar-chart programme to be provided by the contractor shall show the various activities in such detail as may be required by the Employer's Agent. Progress in terms of the programme shall be updated monthly by the contractor in accordance with the progress made by the contractor.

In compiling the programme of work, the contractor shall indicate and make due allowance for the following, as specified elsewhere in the contract documents:

- The requirements regarding the accommodation of traffic and areas that may be occupied at any time for construction purposes (as indicated on the drawings and specified in Section 1500 of the specifications)
- Requirements regarding the training of labourers and Emerging Contractors (EC's).
- The requirements for work to be undertaken by labourers and work to be undertaken by EC's.
- Expected weather conditions and their effects.
- Known physical conditions or artificial obstructions
- The requirements and effects of local Labour.
- The accommodation and safeguarding of public access and traffic
- Period within the works shall commence.
- Months during which surfacing limitations should apply.

(b) Programme of work for rehabilitation work

Amend the word "network" in the fourth line of the second paragraph to read as "bar (Gantt) chart".

PS3 WORKMANSHIP AND QUALITY CONTROL

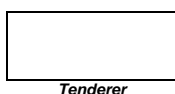
Add the following to the third paragraph:

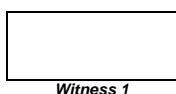
"The Employer's Agent shall, however, undertake acceptance control tests for the judgement of workmanship and quality, without accepting any obligations vested with the contractor in terms of the contract with specific reference to quality of materials and workmanship. Such acceptance control test done by the Employer's Agent shall not relieve the contractor of his obligations to maintaining his own quality control system."

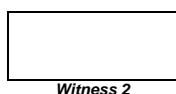
Add the following at the end of this clause:

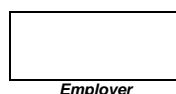
"The Employer's Agent shall, for the purpose of acceptance control on products and workmanship, assess test results and measurements in accordance with the provisions of section 8300 of the standard specifications.

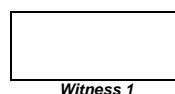
Where small quantities of work are involved, a lot shall mean a full day's production for a specific item of work subject to acceptance control testing."

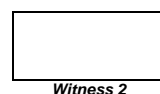

Tenderer


Witness 1


Witness 2


Employer


Witness 1


Witness 2

**PS4 PAYMENT****(b) Rates to be inclusive**

Add the following:

"VAT shall be excluded from the rates and provided for as a lump sum in the Summary of Bill of Quantities".

(e) Materials on the site

Add the following:

"In addition, the Employer's Agent may at his sole discretion also allow payments under "Materials on Site" in respect of any construction materials if stored off-site providing that:

- (a) The site selected for this purpose is approved by the Employer's Agent
- (b) Such land is physically separated from any production plant or operation
- (c) Only materials for use under this contract is stockpiled on such land
- (d) The contractor has provided proof of an agreement with the owner of such land that the owner has no claim whatsoever on any materials stockpiled on such land
- (e) Materials obtained by the contractor for or on behalf of emerging subcontractors (SMME's) shall remain the responsibility of the contractor after payment has been made in respect of materials on site."

Add the following to this clause (1209)

“(g) Brand names

Where materials have been specified by brandnames, the rates tendered will be held to have been based on that material. Other similar materials may be submitted to the Employer's Agent for approval.

(h) Payments Certificates

With reference to Sub-Clause 52(1) of the General Conditions of Contract, the Employer's Agent's certificate will be issued only after receipt by him of a draft certificate prepared by the Contractor in the form prescribed by the Employer's Agent.

The cost of duplicating and delivering copies of the Employer's Agent's Certificate to the Contractor, the Employer's Agent and the Employer shall be borne by the Contractor. A total of three copies of the certificate (A-4 size) will be required by the Employer's Agent and the Employer."

PS4 EXTENSION OF TIME RESULTING FROM ABNORMAL RAINFALL

Extension of time will not be considered for normal rainfall but only for abnormal rainfall or saturated conditions and will be calculated in accordance with the following method:

Tenderer

Witness 1

Witness 2

Employer

Witness 1

Witness 2



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THEMBISILE HANI LOCAL MUNICIPALITY – WORK PACKAGE 2 (BULK PIPELINE
FROM PUMP STATION 2 TO VERENA, PUMP STATION 3 AND 4, 10 ML RAW WATER
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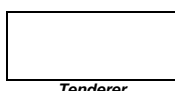
- a) The Contractor shall, in his programme, allow for the anticipated number of working days on which work could be delayed - as given in the Schedule below.
- b) Extension of time will be calculated for each calendar month or part thereof over the full period for the completion of the Work, plus any approved extension thereof, as follows:
- i) A delay caused by abnormal rainfall will only be accepted for extension of time if, in the opinion of the Employer's Agent, it delays an item or items which lie on the critical path determined by the Contractor's programme. Only delays on working days will be considered.
 - ii) Abnormal rainfall will be days, as approved, on which rain delayed operations, less the anticipated number of days given in the Schedule below.
 - iii) The net extension of time determined for each month, which may be negative, shall accumulate algebraically to determine the net number days for extension of time due to abnormal rainfall, but a negative total at the end of the construction period will not be considered.
 - iv) Where a portion of a month is involved, a pro rata number of days shall be calculated.

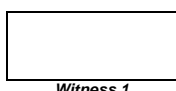
SCHEDULE:

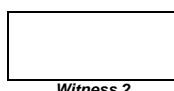
Anticipated number of working days on which work could be delayed because of rainfall and saturated conditions.

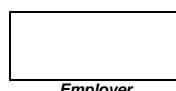
Month Days Month Days

January	6	July	0
February	9	August	0
March	3	September	0
April	2	October	1
May	2	November	2
June	1	December	5

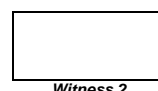

Tenderer


Witness 1


Witness 2


Employer


Witness 1


Witness 2