



24 July 2025

NOTICE TO TENDERERS NO. 9

TENDER NUMBER: 277Q/2024/25

DESCRIPTION: Construction of a 300Mℓ Reservoir, Bulk Pipelines and Associated Infrastructure near Muldersvlei

EXTENDED CLOSING DATE OF TENDER: 25 August 2025 at 10:00am

BOX NUMBER: 209

Dear Sir/Madam

In terms of Clause **C.3.2: Issue Addenda** in the Tender Data, the City of Cape Town may if necessary, issue addenda in writing that may amend or amplify the tender documents to each tenderer during the period from the date the tender documents are available until one week before the tender closing time stated in the Tender Data. The Employer reserves its rights to issue addenda **less than one week before the tender closing time in exceptional circumstances**.

Your attention is specifically drawn to the amendments, which are to be made to the tender document for the above in terms of this addendum, which is issued in terms of Clause 3.2 of the tender document.

This notice to tenderers is an integral part of the Tender. This notice/addendum is to be signed by the tenderer and attached and/or included to the tender document submission and recorded on Schedule 22: Record of Addenda to tender documents.

This notice contains the following:

- 1) Clarifications
- 2) Amendments to the tender document
- 3) Supporting documents

Tenderers should take note of the following:

1. CLARIFICATIONS

Requests for clarifications received since the issuing of Addendum number 9, and which don't require an addendum to the tender documentation, are addressed hereunder for the benefit of all tenderers.

Query 1:

Q: The pipe specials specification calls for hydraulic testing of specials, prior to lining and coating, at a pressure that is considerably higher than the hydrostatic test pressures for the overall pipeline, as determined from the stated hydraulic grade lines. This would necessitate pipe reinforcement calculations to be based on the higher pressure at a significant additional cost.

Please confirm that pressure for testing of specials is to be as stated, or whether it should be carried out at pressures determined by the hydrostatic grade lines.

A: The tenderer is referred to the Amendments to SPE-MP-7001, which states the following:

5.1.1 Hydraulic Testing (Subclause 5.3.2)

In the first paragraph, replace "Where P = the lesser of: $2 \times 0.85 \times Y \times t/D$ or 7 MPa" with "Where P = the lesser of: $2 \times 0.85 \times Y \times t/D$ or 7 MPa or 1.1 x flange rating of the special".

In the last paragraph, replace "10 seconds" with "3 minutes".

The sub clause related to hydraulic testing must also be read in conjunction with Clause 5.3.4 of SPE-MP-7001, which states that 100% dye penetrant tests shall be undertaken for specials where hydrostatic testing is not feasible.

Query 2 (Further clarification requested in response to Query 5 and ATD1 of Notice to Tenderers No. 8):

Please give further details to the Piezometers and Boreholes Items as per Section C12:

Query 2 a)

Q: Currently it shows different Piezometers in the exact same location according to the Setting out data of DRG-CC-2105-T1. If this is the case and the idea is to install more than 1 no Piezometer in some of the boreholes at different heights, this does not correlate with the BOQ Pay Items.

A: As per Subclause 6.5 of Specification SPE-GG-004 included in C3.7.5 Particular Specifications, measurement and payment shall be by the number of piezometers installed. In certain areas more than one piezometer can be installed in the same borehole, or if the contractor prefers, they can elect to drill separate boreholes for these in proximity to the indicated position.

Further, the depths indicated in the tables are below NGL and the contractor is reminded that some fill of embankment will occur below NGL according to the excavation and fill placement sequence.

Query 2 b)

Q: The drilling / boreholes and casing for the different depth categories should therefore be measured separately from the Piezometers if the Contractor needs to install more than 1 no Piezometer per Borehole.

A: Refer to the response for Query 2 a) above. Sufficient information is provided for the contractor to price the works based on his preferred approach.

Query 2 c)

Q: Please indicate the top of the borehole casing level per borehole for each piezometer. This is needed to determine at what stage during the backfilling the specific Piezometer needs to be installed. Taking into consideration that there is already the 210 and 280 day constraint on the building of the embankments.

A: Piezometers must be installed before the placement of the fill. It should be noted the purpose of the piezometers is to monitor the pore pressure during construction of the embankment and can potentially enable the contractor to motivate for increased placement. As is rightly mentioned in the query below, drilling through geotextiles is not permitted and piezometers will have to be installed before placement of geotextiles. Piezometers located in the fill will be installed after the placement of the subsequent fill layer and prior to geotextiles. The cables and bedding are, as per the specification, to be installed in a trench in the placed fill layer in order to exit the embankment on the downstream face.

Query 2 d)

Q: As per the 3rd paragraph under 'General' on Page 6 of 12 of Specification SPE-GG-004, reference is made that the "...purpose of the Piezometers is to monitor the pore pressure in the foundation which will dictate the speed of embankment construction...". Therefore, according to DRG-CC-2105-T1, taking the depth below NGL column into consideration, some of the Piezometers seems to be installed only after the embankment filling up to a level of 192.950 m. This scenario is contradicting the spec, because most of the backfilling would be completed. Drilling from these heights will also be through the geogrid used as reinforcement for the layers placed within the structural fill.

A: Refer to the responses for queries 2 a) and 2 c). Also refer to spec: "For the observation of pore water pressures within the dam foundation ... and within the dam embankment"

Query 2 e)

Q: Pay Item C12.7. "Borehole Standpipes" What is the required depth per standpipe? Where is the location of the standpipe indicated on the drawings?

A: Refer to the addendum to the pay item included with this notice. The standpipes are provisional and will be positioned on the reservoir site as directed by the Employer's Agent.

Query 2 f)

Q: Pay Item C12.8 "Supply, installation and protection of instrumentation cabling" – Please specify the sleeves to withstand the backfilling weight of the soil. 50mm dia HDPE Class 16?

A: As indicated in Notice 8, the piezometers form part of the temporary works. Accordingly, it is the Contractor's responsibility to assess whether sleeves are required to ensure that the instrumentation cabling remains protected and fully functional for the duration of the specified monitoring period. If deemed necessary, the Contractor must determine and provide sleeves suitable for the anticipated backfilling conditions and site requirements.

Query 3:

Referring to drawing 1001757-2000-DRG-AA-2741 [T0] – CHLORINATION BUILDING JOINERY SCHEDULES (LABORATORY), please clarify the following:

Query 3 a)

Q: Cabinet carcass supports, and reagent shelf supports – According to the joinery specification for the laboratory there is to be Stainless steel frames to support the carcasses and shelves, but this can't be seen on the drawings provided. Can a technical drawing please be provided for this, as this makes it nearly impossible to quote for this...

A: In accordance with Design Responsibility Matrix included in C3.2.1 of the Contract, the contractor is responsible for the detail design of carpentry, joinery and all associated ironmongery in accordance with the specified requirements. However, refer to revision T1 of drawing 1001757-2000-DRG-AA-2741, included with this notice, which includes additional information on the cabinet supports. Furthermore, refer to the photo below as a typical example of what would be required.



Query 3 b)

Q: LED strip lighting under the above counter cupboards – the joinery specifications give no indication of LED strip lighting, but it is visible on elevation B, please advise if we are to make a groove at the bottom of the cupboard to account for this...

A: LED strip lighting is not required in the laboratory cabinets.

Query 3 c)

Q: Countertop B – on the drawing it indicates that Option B will be used, can a technical drawing please be provided to show what is intended by an “anti-spill lip” as well as what thickness the top is to be...

A: This product is to be specified and supplied by specialist laboratory furnishers. Refer to revision T1 of drawing 1001757-2000-DRG-AA-2741, included with this notice, which includes additional information. Furthermore, refer to the photos below as a typical example of what would be required.

**Query 4:**

Q: No reinforcing bending schedules have been issued with the tender. We require this for planning purposes.

Can you kindly issue us with the Reinforcing Bending Schedules following reservoir elements:

- Crest walls, including footings
- Columns, including footing
- Basin floor slab
- Embankment floor slab
- Galleries

A: It is not standard practice to issue reinforcement (rebar) drawings nor bending schedules during the tender stage. All rebar required has been measured and are included in the relevant BOQs for pricing purposes. However, the reinforcement drawings for the requested elements are available and are included in this notice for information purposes.

Query 5:

Q: Please provide us with the specification C3.7.5 and in the tender document, it ends at C3.7.4.

9.3	FIRE WATER PUMPS
Three fire water pumps will provide the facility with fire water. The system is described and specified in Spec Fire in C3.7.5.	

A: The reference to 3.7.5 is correct. Specification 3.7.5 is the Particular specifications that start on page 330 of Volume 1A. The Wet Fire Protection Specification is SPE-FI-0001 that start on page 1015 of Volume 1A.

2. AMENDMENTS TO TENDER DOCUMENT

ATD1 C2.2 Bills of Quantities

ATD1.1 On page 190 (R1) (issued with Notice 8), remove item no. C12.7 and insert new heading and items as below:

Item No	Payment Reference	Short Description	Unit	Quantity	Rate	Amount
	6.6	Borehole standpipes (provisional)				
C12.7-1		Up to 10m deep	No	1		
C12.7-2		Over 10m up to 17m deep	No	1		

ATD2 Volume 1C: Drawings

ATD2.1 Supersede and replace Revision T0 for drawing 1001757-2000-DRG-AA-2741 with Revision T1.

ATD2.2 Add new reinforcement drawings as per register included with this notice. Note: All drawings issued as Revision 0 during the Tender Stage are provided for information purposes only. These drawings are to be regarded as preliminary and are intended to assist Tenderers in gaining a general understanding of the scope and extent of the Works.

In the main document, remove and destroy pages 190 (R1) and replace with attached pages 190(R2).

3. SUPPORTING DOCUMENTATION

The following documents are attached for information purposes only:

- Revised schedule of Rates in excel format
- BOQ_Replaced Pages
- Vol1 C_Drawings

TENDERERS ARE THEREFORE REQUESTED TO:

- 1. Record receipt of this Notice on Schedule 22: Record of Addenda to Tender Documents.
- 2. Tenderers must sign and return this Notice (append to the relevant returnable schedule) together with their completed tender document.

Failure to return a signed copy of the Addendum may result in the Tender being declared Non-Responsive.

Yours faithfully,

p.p. *SCM.Tender7*
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For: Director: Supply Chain Management

ACKNOWLEDGEMENT OF RECEIPT FOR AND ON BEHALF OF THE TENDERER: TENDER NO 277Q/2024/25

At.....on this.....Day of2025

Signature:.....

Name of Signatory:.....
(in ink and capitals)

TENDERER:.....
(Name of firm in ink and capitals)