



**NOTICE TO TENDERERS NO: 2**

**TENDER NO: 184Q/2025/26**

**DESCRIPTION: CONSTRUCTION AND REFURBISHMENT OF VARIOUS GRIT TRIPS, SCREENING FACILITIES, WETWELLS, DRYWELLS, PIPELINES, WATER AND WASTEWATER INFRASTRUCTURE AS WELL AS ASSOCIATED MECHANICAL AND ELECTRICAL WORKS WITHIN THE CITY OF CAPE TOWN**

**ORIGINAL CLOSING DATE: 04 MAY 2026**

**AMENDED CLOSING DATE: 02 JUNE 2026 @10:00 (As revised in Notice 1 issued 22 April 2026)**

**BOX NUMBER: 243**

Dear Sir / Madam

In terms of T1.2 Tender Data, C.3 The Employer's undertakings, clause C.3.2: Issue Addenda, 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. The issuing of addenda is subject to C1.2.1.*

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 C.3.2 of the tender document.

This notice contains the following attachments:

1. This Notice to Tenderers forms an integral part of the Contract and is an addendum which must be recorded in Schedule 22: Record of Addenda to Tender Documents and bound within the "Returnable Schedules" of the Contract Document and returned with tender submitted.
2. Part C3: Scope of Work amendments are listed in the table below by **replacement pages**. Changes are shown in red in the attached Annexures.

CURRENT PAGE IN TENDER DOCUMENT	REPLACEMENT PAGE	CHANGE
<b>Part C3: Scope of Work; C3.4 Construction</b>		
222	222(R)	Amended Clause PSA 8.8.2, added size of traffic accommodation units.
229	229(R)	Added PSC 8.2.2 Measurement and Payment clause.
250	250(R)	Amended PSG 8.10 Measurement and Payment clause.
272	272(R)	Added PSME 8.3.3 Measurement and Payment clause.
273	273(R)	Added PSME 8.3.3 Measurement and Payment clause.

### 3. Updated Schedule of Rates

- o Electronic version replacement pages: added line item **C1.5.1.1 on page 97(R)**; amended units of measurement line item **J10.1.2 on page 121(R)**; Deleted items **M1.3.1 to M1.3.4** and **M1.4.1 to M1.4.2 on page 127(R)** and deleted items **M6.1 to M6.4 on page 130(R)**.
- o Hard copy document replacement pages: added line item **C1.5.1.1 on page 97(R)**; amended units of measurement line item **J10.1.2 on page 121(R)**; Deleted items **M1.3.1 to M1.3.4** and **M1.4.1 to M1.4.2 on page 127(R)** and deleted items **M6.1 to M6.4 on page 130(R)**.

CURRENT PAGE IN TENDER DOCUMENT	REPLACEMENT PAGE	CHANGE
<b>Part C2: Pricing Data; C2.2 Schedule of Rates</b>		
97	97(R)	Added line item C1.5.1.1, Extra-over for importation of materials from borrow pits (m <sup>3</sup> )
121	121(R)	Amended unit of measurement J10.1.2, Extra over gutter for stopped end (No.)
127	127(R)	Deleted items M1.3.1, M1.3.2, M1.3.3, M1.3.4; M1.4.1 & M1.4.2, HDPE lined sewer pipes.
130	130(R)	Deleted items M6.1, M6.2, M6.3 & M6.4, Sealing of pipe joints.

### 4. Summary of questions raised to date, COB 20 May 2026

#### TENDERERS MUST:

1. Record receipt of this Notice on Schedule 22: Record of Addenda to Tender Documents.
2. 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,

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For Director: Supply Chain Management

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**ACKNOWLEDGEMENT OF RECEIPT FOR AND ON BEHALF OF THE TENDERER: TENDER NO 184Q/2025/26**

**Signature:** .....

**Date:** .....

**Name of Signatory:** .....

**Legal and full name of tendering entity:**

.....

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Annexure - Summary of questions raised to date, COB 20 May 2026

184Q/2025/26 - Consolidated Tender Clarifications					
No.	Tender References / Clauses	Page Ref	Query / Clarification Request	Feedback	Comment / Result
1	PSA8.8.2.4/ PSA8.8.2.5  B1.2.1-B1.2.2  M1.3.1-M1.3.13 M1.4.1-M1.4.9 M6.1-M6.13	Document page 93, 94, 127, 130 & 222, 229	Please find below queries for your attention:  [Traffic accommodation- sizes of single unit for UoM in "No."]  [SoR increments of tree stump sizes do not correspond to SANS standard]  [AKS lining on pipes smaller than 750mm diameter unavailable from supplier]  [Advise if M1.4 is HDPE lined or not?]  [Clarify what will be measured where the unit is in meters]	Road Sign size = 900mm; Road Restraint unit size = 2m length - Specification amendment contained in Notice 2.  B1.2: Tree stump sizes to be priced as per increments in Schedule of Rates (SoR). Specification amendment contained in Notice.  M1.3: Omit items M1.3.1 to M1.3.4 as contained in Notice. M1.4: Rocker pipes to be lined as per M1.3. Omit items M1.4.1 & M1.4.2 as contained in Notice.  M6: Payment in "meters", measured along installed joint length.	Update contained in this <b>Notice 2. Item PSA8.8.2; PSC8.2.2; M1.3; M1.4</b>
2	Schedule of Rates K1.7.1 and K1.7.2	Document page 125.	With reference to item K1.7.1 and K1.7.2, please confirm the unit of measure as being per no. With varying diameters of bends and t-pieces, the unit of measure cannot be per no. and should be per m <sup>3</sup> .  [Anchor/Thrust blocks and pedestals; Bends to Dwg No. W4-G-005 (No.); Tee's to Dwg No. W4-G-006 (No.)]	We acknowledge m <sup>3</sup> is a more common Unit of Measurement (UoM) given its concrete works - however for this framework, measuring this item as a "Number"/"No." adds to the simplicity and practicality of tender administration, please leave UoM as is and price as far as possible with info avail.	No amendment / changes.
3	Schedule of Rates F1.1.3  K1.8.1 and K1.8.2 K1.9.1 - K1.9.5  M4.4.1 - M4.4.4 M4.5.1 - M4.5.4 M6.1 - M6.3	Document pages 104, 125, 129, 130.	Please clarify the following queries in relation to items; [CONCRETE; Blinding layer]  [Connecting into existing water pipelines complete, of the following diameters] [Connecting into existing sewer pipelines complete, of the following diameters]  [MANHOLES - S2 TYPE; Manholes using Fibre Cement (FC) shafts complete as per detail drawing S2; 1500mm diameter FC shaft; 1800mm diameter FC shaft]  [SEALING OF PIPE JOINTS; not possible on pipes smaller than 675mm]	F1.1.3: This is a performance specification - compressive strength of 20 MPa at 28 days, using 37.5 mm nominal maximum size aggregate, suitable for the intended placing conditions. Design to be supplied prior to placement for EA approval.  K items – Please price as per specification.  M4.4/5: FC Shafts. Supplier found online, see further below.  M6: Price per specification. M6: Omit items M6.1 to M6.4 as contained in this Notice.	Update contained in this <b>Notice 2. Item M6</b>

4	Schedule of Rates J10.1.2	Document Page 121	With reference to item J10.1.2, please confirm the unit of measure as being per meter.  [Seamless aluminium pre-painted gutters and rainwater pipes; Extra over gutter for stopped end (m)]	Item Unit of Measurement (UoM) corrected to state "No.", as contained in this Notice.	Update contained in this <b>Notice 2. Item J10.1.2</b>
5	Schedule of Rates F4.3.1 and F4.3.2	Document pages 106 & 250	With reference to item F4.3.1 and F4.3.2 note that it is not possible to price the activities listed in PSG 8.10 with a m <sup>2</sup> unit of measure. It would make sense to list all the activities referred to in PSG 8.10 separately, each with a relevant unit of measure.	PSG8.10 payment and measurement item amended, as contained in this Notice.	Update contained in this <b>Notice 2. Item PSG8.10</b>
6	Schedule of Rates Various, such as C1.5.3 to C1.5.7 C4.1.1, D1.8.2 L1.3.1 - L1.3.4 L1.6.1 O1.2.3 O1.2.5 O2.1.1 - O2.1.2 O3.1.1 O3.2.1	Various pages	Kindly request your clarification thereon:  All material imported from commercial sources - Should item not be measured in m <sup>3</sup> , rather than m <sup>3</sup> .km?  [various example; Importing of Materials]	The UoM is correct as intended m <sup>3</sup> .km, please price as per the measurement and payment item, cubic meters x km.	No amendment / changes.
7	Schedule of Rates C1.5.1 C1.5.4 - C1.5.6 J2.5 J4.2 L1.3.1 - L1.3.4 M4.5 O1.2.3 O1.2.5 O.2.1.1 and O2.1.2 O3.1.1 O3.2.1	Document page 97, 272, 273	With regards to the above-mentioned tender could you please clarify the following items:  [Opening of borrow pits- no processing allowed for]  [Unit of m <sup>3</sup> .km for various items]  [Corobrik Bergendall Blend is not readily available]  [0.6mm Z275 roof Sheets is not available]  [1800dia FC manhole size not available]	C1.5.1.1: Processing item added to SoR, contained in this Notice. C1.5.4-6: UoM = m <sup>3</sup> .km, correct as per SoR and project specifications.  J2.5: Online search- Supplier available outside of WC (Dezyno Bricks). Price as far as possible.  J4.2: Online search- Supplier available (Heunis steel) L1.3.1-4: UoM = m <sup>3</sup> .km, correct as per SoR and project specs M4.5: Online search. Suppliers manufacture size on request (Ssystems Group; M4A). Price as far as possible. O1.2.3/5: correct as per SoR and project specs. O2.1.1/2 & O3.1.1, O3.2.1: Unit in SoR is correct. Amendment to specification contained in this Notice	Update contained in this <b>Notice 2: C1.5.1.1; PSME 8.3.3; PSMF 8.3.3</b>
8	Schedule of Rates Z1.1 - Z1.3	Document Pages 160, 161	Please can you assist with the detailed specification for these line items.  [Maritime Container Specials for Electrical MCC Overpumping Control]	See PSZ 2.2 (pg 311)– Measurement and Payment. Indicates the detailed specs are contained above in PSZ 1.1 – page 307 to 310. (Follows a SANS1200 similar layout for consistency in doc)	No amendments / changes.

The rates shall be for the working hours indicated in the schedule. Only these rates will be used if the work is performed outside working hours and is approved in writing by the Employer's Agent.

The tendered rates shall include full compensation for all costs for salaries and wages, use and maintenance of tools and equipment, holidays with pay and financial charges of any description incurred by the Contractor and his subcontractors as well as for all insurance, accommodation, travelling, travelling time, supervision, overheads, profit, obligations, risks and any other emoluments and incidentals necessary for labour to execute work as daywork.

**PSA 8.8 TEMPORARY WORKS**

*Replace the contents of subclause 8.8.2 with the following:*

**PSA 8.8.2 Accommodation of traffic**

Work relating to dealing with traffic (or accommodation of traffic) is to be carried out in accordance with Accommodation of Traffic as agreed to between the Contractor and Employer's Representative for each Work Project. The rates shall cover all costs pertaining to the provision, erection, moving, re-erection, maintenance, the replacement of items (which have become unserviceable due to normal wear and tear), and their removal when no longer required, of all temporary barricades, road signs, lights, flagmen, etc. as required, for the guarding and protection of the works, for the construction, gravelling and maintenance of access roads and detours to the site of the works, borrow pits or spoil sites, as well as for the later removal or the cleaning and tidying up thereof, for making the necessary traffic arrangements and arrangements with regard to the moving and/or re-erection of existing traffic signs, as well as all other costs to accommodate the traffic during construction.

- |   |                 |
|---|-----------------|
| <b>PSA 8.8.2.1 Concrete Barriers</b>      | <b>Unit: No</b> |
| <b>PSA 8.8.2.2 Plastic Barriers</b>       | <b>Unit: No</b> |
| <b>PSA 8.8.2.3 Delineators</b>            | <b>Unit: No</b> |
| <b>PSA 8.8.2.4 Road Signs</b>             | <b>Unit: No</b> |
| <b>PSA 8.8.2.5 Road Restraint Systems</b> | <b>Unit: No</b> |

The unit of measurement for items PSA 8.8.2.1 to 8.8.2.5 shall be for a **single unit** at the size described in the pricing schedule. **Unit size for item PSA8.8.2.4 shall be 900mm; and unit size for item PSA8.8.2.5 shall be 2m.**

The tendered rate shall include for all costs involved to comply with the requirements as stipulated. The final requirements will be agreed to between the contractor and the employer's representative for each Works Project. The number of units so determined will be multiplied with this rate to determine the cost for each Works Project.

**PSA 8.8.2.6 Traffic Control Facilities** **Unit: Day**

The unit of measurement shall be for a **single day**.

The tendered rate shall include for all costs involved to comply with the requirements as stipulated. The final requirements will be agreed to between the contractor and the employer's representative for each Works Project. The number of days so determined will be multiplied with this rate to determine the cost for each Works Project.

*Add the following new clauses after of subclause 8.8.6:*

**PSA 8.8.7 Scaffolding**

**PSA 8.8.7.1 (a) Supply, deliver, erect, maintain, and remove scaffolding as indicated** **Unit: m<sup>3</sup>**

The unit of measurement shall be per **cubic meter** within the overall height category as described.

The tendered rate shall include for all costs involved to comply with the requirements as stipulated. The final requirements will be agreed to between the contractor and the employer's representative for each Works Project. The total cubic meter volume so determined will be multiplied with this rate to determine the cost for each Works Project.

**PSA 8.8.7.1 (b) Extra over – Additional platforms** **Unit: m<sup>2</sup>**

The unit of measurement shall be per **square meter**.

The unit of measurement is cubic meter x kilometer (m<sup>3</sup> x km). The volume will be measured by means of net volume in place prior to excavation. The rate shall allow for an appropriate bulking factor. The rate shall cover loading, transporting and disposal at an approved spoil site. The distance will be measured from the construction site to the spoil site.

*Add the following payment items after item C 8.2.10:*

**PSC 8.2.11 Tree Transport**

**PSC 8.2.11.1 Lift and move existing trees to new location as instructed by the client including digging of new holes and taking into account all necessary steps as set out in the preambles above. Unit: No.**

Where trees are ordered to be relocated the Contractor shall take the necessary precautions to ensure the safety of persons. Trees shall be felled in such a manner as to prevent damage to structures or any other nearby private or public property including, where necessary, the cutting of the tree in sections from the top downwards.

**PSC 8.2.11.2 Protection of existing trees from all damage on site, complete Unit: No.**

No trees are to be cut, removed or damaged in any way without the prior consent of the Employer's Representative. Trees marked by the Employer's Representative for preservation shall be left standing and adequately protected against damage. In the event of a tree marked for preservation being seriously damaged due to the Contractor's negligence, then the Contractor shall be required to replace and maintain at his own cost until established another tree the type of which to be agreed with the Employer's Representative.

**Reinstatement of trees**

**PSC 8.2.11.3 250l Bags Unit: No.**

The rate shall include lifting, moving previously relocated trees into the final position as instructed by the Employer's Representative, including digging new holes and conforming to the preambles in the schedule of rates.

**PSC 8.2.11.4 Maintenance of trees until the end of the Defects Liability Period - 250l Bags Unit: No.**

The rate shall include all maintenance associated with the relocated and/or replaced trees which include but not limited to, pruning, chemical and fertilizer treatment, and all activities necessary for the general good health of the tree.

*Amend the second sentence of clause 8.2.2 as follows.*

**PSC 8.2.2 Remove and grub large trees and tree stumps of girth Unit: m<sup>2</sup>**

*"Trees and stumps of girth exceeding 1 m will be measured individually and classified according to the size increments stipulated in the pricing schedule."*

## PSG 8.5 Joints

*Please add the following:*

Only designated joints as shown on the drawings will be measured for payment according to the length of each type of joint constructed (PSG2-4). The rate shall cost of all materials, labour and plant required to construct each type of joint specified on the drawings, including the cost of all shuttering, treatment of the joint as specified in Subclause G5.5.7.3, the provision of chamfers as specified where concrete is exposed, as well as testing the repairing where necessary.

Non-designated joints will not be measured for payment.

## PSG 8.5. Joints

*Add the following to clause G8.5:*

Formed joints will be measured by the plan area of the joint.

The rates shall cover the cost of all operations and materials specified in Subclause G5.5.7 and PSG5-4,2, and detailed on the drawings such as joint filler, dowel bars and tubes, bitumen coats, etc. But excluding waterstops or waterbars. Waterstops and water bars will be measured by length separately for each type.

*Add the following to clauses after G8.8:*

### PSG 8.9 **Cast in 160mm diam sleeve pipe for electrical cabling (Supply and Install) Unit: m**

The contractor shall be compensated for every meter of conduit supplied and installed. The rate shall allow for both flexible and rigid conduit sleeve piping, and all fittings and joints.

### PSG 8.10 **Repair broken and cracked concrete surface as required using epoxy putty Unit: m<sup>2</sup>**

Measurement shall be per square metre (m<sup>2</sup>) per 15 mm layer thickness.

The rate shall include all equipment, labour, materials required for the repair. The area shall be measured by multiplying the multiplying the length and width of the completed repair area.

Where there are no fears as to structural strength, all defective material shall be chipped away until a dense uniform surface of concrete exposing solid coarse aggregate is obtained. Feathered edges shall be cut away to form surfaces perpendicular to the concrete face. Cracks shall be routed to a suitable width with a mechanical key. All loose material shall be removed and the surface thoroughly cleaned. The cavity or routed crack shall be repaired using epidermix 318 (or equivalent) two-component epoxy mortar applied in layers not exceeding 15 mm thick. Each layer shall be well compacted by gloved hand or trowel and left with a rough key for subsequent layers where additional thickness is required. The final layer shall be finished smooth with a water-dampened steel trowel to resemble the surrounding concrete as closely as possible.

### PSG 8.11 **Concrete Linings:**

The items below shall include full compensation for all verification and testing of the protective coatings and treatments, site inspections, approval and reporting of all work concerning protective coatings and treatments, and the issuing of product performance guarantee in accordance with the requirements stipulated.

**PSME SUBBASE (SANS 1200 ME) (SELECTED SUB-GRADE PART OF DM)**

**PSME 3 Materials (Clause 3)**

**PSME 3.1 Subbase Material (Sub-clause 3.2.1(d))**

*Delete Sub-clause 3.2.1 and replace with the following:*

The Regional Factor for this area is 0.6 and the required minimum CBR value for subbase material is thus 45%.

For calcrete material the maximum percentage passing the 2mm sieve shall not exceed 65%.

The subbase material of G5 quality (TRH 14) shall comply with the following:

(a) Maximum size of aggregate after compaction	63mm
(b) Maximum liquid limit	30
(c) Maximum plasticity index	10
(d) Maximum linear shrinkage	5%
(e) Minimum CBR at 95% MOD AASHTO density	45
(f) Maximum CBR swell at 100% MOD AASHTO density	0.5 %
(g) Maximum group index	0
(h) Minimum grading modulus	1.5

**PSME 5 CONSTRUCTION**

**PSME 5.1 Compaction (Sub-clause 5.4.4)**

The Contractor must make allowance for the penetration of the subbase gravel material into the selected sub-grade layer.

The layer thickness specified shall be a net homogeneous layer. Only the homogeneous layer will be measured for payment purposes.

**PSME 7 TESTING (Clause 7)**

**PSME 7.1 Routine inspection and testing (Sub-clause 7.2.2)**

Notwithstanding Sub-clause 7.2.2 and Table 3, no single test result shall be below the specified density.

**PSME 8 MEASUREMENT AND PAYMENT**

*Amend the Unit of measurement for payment item 8.3.3 as follows:*

**"PSME 8.3.3 Construct the subbase course/.... from commercial sources Unit: m<sup>3</sup>.km**

*The unit of measurement shall be cubic meter x kilometer (m<sup>3</sup> x km). The distance will be measured as the shortest most practical distance from the commercial source to the site."*

**PSMF BASE (SANS 1200 MF)**

**PSMF 3 MATERIALS**

**PSMF 3.1 Physical and chemical properties**

*Replace Sub-clause 3.3.1 (a) with the following:*

All material shall pass a 53mm sieve and shall conform to the grading requirements in Table 1 column 3 of the Standard Specifications.

The base material shall be G4 quality (TRH 14) complying with the following:

(1)	Have a maximum Liquid Limit of	25
(2)	Have a maximum Linear Shrinkage of	3%
(3)	Have a maximum CBR swell at 100% of modified AASHTO maximum density of	20%
(4)	Have a CBR at 98% MOD AASHTO density of	80
(5)	Have a max PI of	6

**PSMF 5 CONSTRUCTION (Clause 5)**

**PSMF 5.1 Compaction (Sub-clause 5.4.4)**

The Contractor must make allowance for the penetration of the base material into the sand selected sub-grade layer. The layer thickness specified shall be a net homogeneous layer. Only the homogeneous layer will be measured for payment purposes.

**PSMF 7 TESTING (Clause 7)**

**PSMF 7.3 Routine inspection and testing (Sub-clause 7.3)**

Notwithstanding Sub-clause 7.3.2 and Table 4, no single test result shall be below the specified density.

No density shall be less than the specified minimum density for the layer under consideration

**PSMF 8 MEASUREMENT AND PAYMENT**

*Amend the Unit of measurement for payment item 8.3.3 as follows:*

**PSMF 8.3.3 Construct the base with material from commercial sources** Unit: m<sup>3</sup>.km

*The unit of measurement shall be cubic meter x kilometer (m<sup>3</sup> x km). The distance will be measured as the shortest most practical distance from the commercial source to the site."*

*Amend payment item 8.3.5 to read as follows:*

**PSMF 8.3.5** Process base material by the following processes, as relevant, and use in base (applicable to 3 8.3.1 / 8.3.2 / 8.3.3)

The rate shall cover all grading, shaping, rolling, supplying and placing all materials including cement, processing, watering, mixing, shaping, compacting, including all supervision, labour, plant, equipment, materials and incidentals necessary to complete the work as specified.

*Amend payment item 8.3.8 as follows:*

**PSMF 8.3.8** Stabilising Agent Unit: Ton

The item shall be measured in tonnes as an extra-over to MF8.3.3. The rate shall allow for the supply of stabilising agent as specified. Transport shall be included under item O3.2.1 and layer processing under O3.2.2 of the schedule of rates.

ITEM	PAYMENT	DESCRIPTION	UNIT	RATE
<b>B2.3</b>		<b>Reinstatement of trees</b>		
B2.3.1	PSC 8.2.11.3	250L bag - Wild Plum tree (Harpephyllum Caffra) / Witsinkhout tree (Celtis Sinensis) / Water Pear (Syzyglum Guineense)	No.	
<b>B2.4</b>		<b>Maintenance of trees to end of the Defects Liability Period</b>		
B2.4.1	PSC 8.2.11.4	250L bag - Wild Plum tree (Harpephyllum Caffra) / Witsinkhout tree (Celtis Sinensis) / Water Pear (Syzyglum Guineense)	No.	
<b>C</b>	SANS 1200 D	<b>SECTION C: EARTHWORKS</b>		
<b>C1</b>		<b>EXCAVATIONS</b>		
<b>C1.1</b>		<b>Bulk Excavation</b>		
C1.1.1	8.3.2 a)	Bulk excavation for all concrete structures such as grit traps, screens, inlet and outlet chambers, meter chambers and overpumping chambers etc	m <sup>3</sup>	
C1.1.2	8.3.2 a)	Bulk excavations to reduce levels under structures, roads, etc.	m <sup>3</sup>	
<b>C1.2</b>		<b>Extra over items above for :</b>		
C1.2.1	8.3.2 b)	Intermediate excavation	m <sup>3</sup>	
C1.2.2	8.3.2 b)	Hard rock excavation	m <sup>3</sup>	
C1.2.3	8.3.2 b)	Boulder excavation, Class A	m <sup>3</sup>	
C1.2.4	8.3.2 b)	Boulder excavation, Class B	m <sup>3</sup>	
<b>C1.3</b>		<b>Restricted excavation</b>		
		Excavate for restricted foundations, footings and the like in all materials and use for backfill or embankment or dispose		
C1.3.1	8.3.3 a)	Exceeding 0,0m but not exceeding 2,0m	m <sup>3</sup>	
C1.3.2	8.3.3 a)	Exceeding 2,0m but not exceeding 4,0m	m <sup>3</sup>	
C1.3.3	8.3.3 a)	Exceeding 4,0m but not exceeding 6,0m	m <sup>3</sup>	
C1.3.4	8.3.3 a)	Exceeding 6,0m but not exceeding 8,0m	m <sup>3</sup>	
C1.3.5	8.3.3 a)	Exceeding 8,0m but not exceeding 10,0m	m <sup>3</sup>	
C1.3.6	8.3.3 a)	Exceeding 10,0m but not exceeding 12,0m	m <sup>3</sup>	
<b>C1.4</b>		<b>Extra over items above for:</b>		
C1.4.1	8.3.3 b)	Intermediate excavation	m <sup>3</sup>	
C1.4.2	8.3.3 b)	Hard rock excavation	m <sup>3</sup>	
C1.4.3	8.3.3 b)	Boulder excavation, Class A	m <sup>3</sup>	
C1.4.4	8.3.3 b)	Boulder excavation, Class B	m <sup>3</sup>	
<b>C1.5</b>		<b>Importing of Materials</b>		
<b>C1.5.1.1</b>	<b>8.3.4 a)</b>	<b>Extra-over for importation of materials from borrow pits</b>	<b>m<sup>3</sup></b>	
C1.5.1	8.3.4 b)	Opening up and closing down of designated borrow pit	Sum	
C1.5.2	8.3.4 c)	Dealing with overburden	m <sup>3</sup>	
C1.5.3	PSD8.3.4 d)	Extra-over for importation of material from commercial sources for fill (Site to be determined)	m <sup>3</sup> .km	
	PSD8.3.4 e)	<b>Extra-over for importation of materials from commercial sources for foundation mattress / pioneer layer (Site to be determined):</b>		
C1.5.4	PSD8.3.4 e)	20mm Stone	m <sup>3</sup> .km	
C1.5.5	PSD8.3.4 e)	28mm Stone	m <sup>3</sup> .km	
C1.5.6	PSD8.3.4 e)	60mm Stone	m <sup>3</sup> .km	
C1.5.7	PSD8.3.4 e)	Dump Rock	m <sup>3</sup> .km	

ITEM	PAYMENT	DESCRIPTION	UNIT	RATE
<b>J9</b>		<b>PLASTERING</b>		
<b>J9.1</b>		<b>PREPARATORY WORK TO EXISTING SURFACES</b>		
J9.1.1		Prepare the surface area by means of diamond headed grinding in order to remove existing coatings and provide a suitable surface profile	m <sup>2</sup>	
		<b>GRANOLITHIC</b>		
<b>J9.2</b>		<b>Untinted granolithic, on concrete</b>		
J9.2.1		50mm Thick on floors and landings	m <sup>2</sup>	
		<b>SCREEDS</b>		
<b>J9.3</b>		<b>1:3 Cement plaster screeds steel trowelled, on concrete</b>		
J9.3.1		35mm Thick on floors	m <sup>2</sup>	
J9.3.2		Average 75mm thick on roofs with upper surface to falls and currents	m <sup>2</sup>	
		<b>INTERNAL PLASTER</b>		
<b>J9.4</b>		<b>Cement plaster steel trowelled, on brickwork</b>		
J9.4.1		On walls	m <sup>2</sup>	
J9.4.2		On soffits	m <sup>2</sup>	
J9.4.3		On narrow widths not exceeding 300mm wide	m <sup>2</sup>	
		<b>EXTERNAL PLASTER</b>		
<b>J9.5</b>		<b>Cement plaster steel trowelled, on brickwork</b>		
J9.5.1		On walls	m <sup>2</sup>	
J9.5.2		On narrow widths not exceeding 300mm wide	m <sup>2</sup>	
<b>J10</b>		<b>PLUMBING AND DRAINAGE</b>		
		<b>RAINWATER DISPOSAL</b>		
<b>J10.1</b>		<b>Seamless aluminium pre-painted gutters and rainwater pipes</b>		
J10.1.1		100 x 75mm Roof gutters with beaded front edge	m	
J10.1.2		Extra over gutter for stopped end	No.	
J10.1.3		Extra over gutter for outlet for 75mm pipe	No.	
<b>J10.2</b>		<b>PVC-U gutters and rainwater pipes</b>		
J10.2.1		75mm Diameter rainwater pipes	m	
J10.2.2		Extra over rainwater pipe for bend	No.	
J10.2.3		Extra over rainwater pipe for plinth bend	No.	
J10.2.4		Extra over rainwater pipe for shoe	No.	
<b>J10.3</b>		<b>Full-bore cast iron outlets</b>		
J10.3.1		110mm Vertical outlet	No.	
J10.3.2		110mm 45° Side outlet	No.	
<b>J10.4</b>		<b>PRECAST CONCRETE CHANNELS</b>		
J10.4.1		400 x 250mm Channel 1000mm long with segmental channel with one open end and one stopped end formed therein and finished smooth, including placing in position under shoe of rainwater pipe on a well rammed earth bottom	m	
		<b>SOIL DRAINAGE</b>		
<b>J10.5</b>		<b>Heavy duty (Class 34) PVC-U sewer and drainpipes</b>		
J10.5.1		110mm Pipes laid in and including trenches not exceeding 1m deep	m	

ITEM	PAYMENT	DESCRIPTION	UNIT	RATE
<b>M</b>	SANS 1200 LD	<b>SECTION M: SEWERS</b>		
<b>M1</b>		<b>PIPEWORK</b>		
		Supply, handle, lay, bed (for flexible or rigid pipes as applicable), joint and test pipes complete (waste and cut lengths to be allowed for in these rates)		
<b>M1.1</b>		<b>uPVC Class 34 to SANS 791 installed on flexible bedding</b>		
M1.1.1	PSLD 8.2.1	110 mm diameter class 34 uPVC pipe.	m	
M1.1.2	PSLD 8.2.1	160 mm diameter class 34 uPVC pipe.	m	
M1.1.3	PSLD 8.2.1	200 mm diameter class 34 uPVC pipe.	m	
M1.1.4	PSLD 8.2.1	250 mm diameter class 34 uPVC pipe.	m	
M1.1.5	PSLD 8.2.1	315 mm diameter class 34 uPVC pipe.	m	
M1.1.6	PSLD 8.2.1	355 mm diameter class 34 uPVC pipe.	m	
M1.1.7	PSLD 8.2.1	400 mm diameter class 34 uPVC pipe.	m	
<b>M1.2</b>		<b>uPVC Pipe Point Repairs</b>		
		Cut into existing pipeline and connect new pipeline with special adaptors and make good, including hand excavation, dispose of surplus material and supply special adaptors.		
M1.2.1	PSLD 8.2.14	110 mm diameter point repair, class 34 uPVC pipe.	No.	
M1.2.2	PSLD 8.2.14	160 mm diameter point repair, class 34 uPVC pipe.	No.	
M1.2.3	PSLD 8.2.14	200 mm diameter point repair, class 34 uPVC pipe.	No.	
M1.2.4	PSLD 8.2.14	250 mm diameter point repair, class 34 uPVC pipe.	No.	
M1.2.5	PSLD 8.2.14	315 mm diameter point repair, class 34 uPVC pipe.	No.	
M1.2.6	PSLD 8.2.14	355 mm diameter point repair, class 34 uPVC pipe.	No.	
M1.2.7	PSLD 8.2.14	400 mm diameter point repair, class 34 uPVC pipe.	No.	
<b>M1.3</b>		<b>Reinforced concrete pipe Class 100D DOL/OPC SI-type concrete pipe to SANS 677 with 3mm HDPE anchor knob sheeting liner installed on Class C bedding</b>		
<del>M1.3.1</del>	<del>PSLD 8.2.4</del>	<del>DN 450 mm diameter.</del>	<del>⌘</del>	<del>N/A</del>
<del>M1.3.2</del>	<del>PSLD 8.2.4</del>	<del>DN 525 mm diameter.</del>	<del>⌘</del>	<del>N/A</del>
<del>M1.3.3</del>	<del>PSLD 8.2.4</del>	<del>DN 600 mm diameter.</del>	<del>⌘</del>	<del>N/A</del>
<del>M1.3.4</del>	<del>PSLD 8.2.4</del>	<del>DN 675 mm diameter.</del>	<del>⌘</del>	<del>N/A</del>
M1.3.5	PSLD 8.2.1	DN 750 mm diameter.	m	
M1.3.6	PSLD 8.2.1	DN 825 mm diameter.	m	
M1.3.7	PSLD 8.2.1	DN 900 mm diameter.	m	
M1.3.8	PSLD 8.2.1	DN 1050 mm diameter.	m	
M1.3.9	PSLD 8.2.1	DN 1200 mm diameter.	m	
M1.3.10	PSLD 8.2.1	DN 1350 mm diameter.	m	
M1.3.11	PSLD 8.2.1	DN 1500 mm diameter.	m	
M1.3.12	PSLD 8.2.1	DN 1650 mm diameter.	m	
M1.3.13	PSLD 8.2.1	DN 1800 mm diameter.	m	
<b>M1.4</b>		<b>Rocker pipes one end spigot end, other end plain ended (Half pipe lengths)</b>		
<del>M1.4.1</del>	<del>PSLD 8.2.4</del>	<del>DN 450 mm diameter.</del>	<del>⌘</del>	<del>N/A</del>
<del>M1.4.2</del>	<del>PSLD 8.2.4</del>	<del>DN 675 mm diameter.</del>	<del>⌘</del>	<del>N/A</del>
M1.4.3	PSLD 8.2.1	DN 750 mm diameter.	m	
M1.4.4	PSLD 8.2.1	DN 900 mm diameter.	m	
M1.4.5	PSLD 8.2.1	DN 1050 mm diameter.	m	
M1.4.6	PSLD 8.2.1	DN 1350 mm diameter.	m	
M1.4.7	PSLD 8.2.1	DN 1500 mm diameter.	m	
M1.4.8	PSLD 8.2.1	DN 1650 mm diameter.	m	
M1.4.9	PSLD 8.2.1	DN 1800 mm diameter.	m	

ITEM	PAYMENT	DESCRIPTION	UNIT	RATE
<b>M5.3</b>		<b>Break into existing sewer line and building a new manhole for the following depths (extra-over to item M3 &amp; M4):</b>		
M5.3.1	PSLD 8.2.11.2	Exceeding 1.0m up to 3.0m depth.	No.	
M5.3.2	PSLD 8.2.11.2	Exceeding 3.0m up to 6.0m depth.	No.	
M5.3.3	PSLD 8.2.11.2	Exceeding 6.0m up to 9.0m depth.	No.	
M5.3.4	PSLD 8.2.11.2	Exceeding 9.0m up to 12.0m depth.	No.	
<b>M5.4</b>		<b>Ancillary repairs to existing manholes</b>		
M5.4.1	PSLD 8.2.15	115mm thick engineering brickwork (single skin)	m <sup>2</sup>	
M5.4.2	PSLD 8.2.15	230mm thick engineering brickwork (double skin)	m <sup>2</sup>	
M5.4.3	PSLD 8.2.15	Plaster work and grouting to internal walls and for benching	m <sup>2</sup>	
<b>M6</b>		<b>SEALING OF PIPE JOINTS</b>		
<del>M6.1</del>	<del>PSLD 8.2.16</del>	<del>Sealing of pipe joints, DN 450 mm-</del>	<del>m</del>	<del>N/A</del>
<del>M6.2</del>	<del>PSLD 8.2.16</del>	<del>Sealing of pipe joints, DN 525 mm-</del>	<del>m</del>	<del>N/A</del>
<del>M6.3</del>	<del>PSLD 8.2.16</del>	<del>Sealing of pipe joints, DN 600 mm-</del>	<del>m</del>	<del>N/A</del>
<del>M6.4</del>	<del>PSLD 8.2.16</del>	<del>Sealing of pipe joints, DN 675 mm</del>	<del>m</del>	<del>N/A</del>
M6.5	PSLD 8.2.16	Sealing of pipe joints, DN 750 mm	m	
M6.6	PSLD 8.2.16	Sealing of pipe joints, DN 825 mm	m	
M6.7	PSLD 8.2.16	Sealing of pipe joints, DN 900 mm	m	
M6.8	PSLD 8.2.16	Sealing of pipe joints, DN 1050 mm	m	
M6.9	PSLD 8.2.16	Sealing of pipe joints, DN 1200 mm	m	
M6.10	PSLD 8.2.16	Sealing of pipe joints, DN 1350 mm	m	
M6.11	PSLD 8.2.16	Sealing of pipe joints, DN 1500 mm	m	
M6.12	PSLD 8.2.16	Sealing of pipe joints, DN 1650 mm	m	
M6.13	PSLD 8.2.16	Sealing of pipe joints, DN 1800 mm	m	
<b>M7</b>		<b>TEMPORARY BLADDERS / INFLATABLE STOPPERS</b>		
		Install, operate and maintain.		
M7.1	PSLD 8.2.17	Inflatable rubber bladder, DN100 up to DN315	Day	
M7.2	PSLD 8.2.17	Inflatable rubber bladder, above DN315 up to DN500	Day	
M7.3	PSLD 8.2.17	Inflatable rubber bladder, above DN500 up to DN800	Day	
M7.4	PSLD 8.2.17	Inflatable rubber bladder, above DN800 up to DN1050	Day	
M7.5	PSLD 8.2.17	Inflatable rubber bladder, above DN1051 up to DN1350	Day	
M7.6	PSLD 8.2.17	Inflatable rubber bladder, above DN1351 up to DN1500	Day	
M7.7	PSLD 8.2.17	Inflatable rubber bladder, above DN1500 up to DN1800	Day	
<b>M8</b>		<b>CCTV CAMERA INSPECTIONS AND REPORTS</b>		
M8.1	PSLD8.2.18 (a)	Establish and de-establish.	No.	
		<b>CCTV Pipe Inspections</b>		
M8.2	PSLD8.2.18 (b)	Up to 315mm diameter.	m	
M8.3	PSLD8.2.18 (b)	Exceeding 315mm up to 600mm diameter.	m	
M8.4	PSLD8.2.18 (b)	Exceeding 600mm up to 1000mm diameter.	m	
M8.5	PSLD8.2.18 (b)	Exceeding 1000mm up to 1500mm diameter.	m	
M8.6	PSLD8.2.18 (b)	Exceeding 1500mm diameter	m	
M8.7	PSLD8.2.18 (c)	CCTV Manhole Inspections	No.	
<b>M9</b>		<b>Other</b>		
M9.1	PSLD 8.2.19 (a)	Allow for provisional sum for sewers and associated items not catered for above.	Prov. sum	R 250 000.00
M9.2	PSLD 8.2.19 (b)	Allow for profit on the above provisional sum.	%	

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