

# INFORMAL TENDER ADVERT

**NELSON MANDELA BAY MUNICIPALITY**  
BUDGET AND TREASURY DIRECTORATE  
PURCHASING AND STORES DIVISION

Tender Number: SQ05263816  
Buyer: Kana, Miss L [90022170]

Closing Date: 2026-06-09  
Closing Time: 11:00 A.M

Telephone : 041 506 7630

REFER ALL ENQUIRIES TO THE BUYER

ITEM	QUANTITY	UNIT	KEY WORD	DESCRIPTION	REQUISITION
1	30.00	EACH	SOCKET	Supply and deliver SOCKET set 1/2 inch 25 piece 8mm to 32mm.  Sample may be requested and must be provided within 72hrs after request. Brand names of quoted items must be stated - failure to meet minimum requirements will deem the tenderer as non-responsive.  For more information, please contact Ms. Dyam at <a href="mailto:idyam@mandelametro.gov.za">idyam@mandelametro.gov.za</a>	2026PREQ05985
2	640.00	EACH	WATER METER BOX	Supply and deliver WATER METER BOX EZ 3COMPL 15 V110T KSMB500 EZ3 box 25mm internal piping complete with two way trickle flow valve. Specification is available on the NMBM Tender Portal and/or the SCM front office: Corner of Buxton Avenue and Harrower Road.  Sample may be requested and must be provided within 72hrs after request. Brand names of quoted items must be stated - failure to meet minimum requirements will deem the tenderer as non-responsive.  For more information, please contact	2026PREQ05720

## THE FOLLOWING CONDITIONS APPLY TO THIS INFORMAL TENDER

- BEFORE COMPLETING THIS FORM, SERVICE PROVIDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF SPECIFIC GOALS, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATION OF 2022 THE 80/20 SYSTEM APPLIES TO THIS TENDER.
- Acceptance of this tender submission is subject to the General Conditions of Tender and Conditions of Purchase
- Acceptance of this tender is subject to successful registration on the Nelson Mandela Bay Supplier Database.
- For further information to register, please call Compliance Section @ 041 506 3274
- Failure to comply with these conditions may invalidate your tender submission.
- All tender prices should be valid for a minimum period of thirty (30) days from date of tender.
- ALL TENDER RESPONSES SHOULD BE COMPLETED ONLINE AND NO FAX SUBMISSION WILL BE ACCEPTED BY SUPPLY CHAIN UNIT.

Ms. Derrocks at  
mderrocks@mandelametro.gov.za

3	2,500.00	METRE	CABLE	Supply and deliver CABLE 10PR .9mm PVC, SWA or aluminium sheath control cable to sapo spec (i.e colour code etc) with 600 OHM insulation level supp in 500m drum PLSE	2026PREQ05783
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Sample may be requested and must be provided within 72hrs after request. Brand names of quoted items must be stated - failure to meet minimum requirements will deem the tenderer as non-responsive.

For more information, please contact Mr Madlingozi at  
imadlingozi@mandelametro.gov.za

4	1,800.00	EACH	WATER METERS	Supply and deliver WATER METERS 15mm plastic KMS bodies semi-positive. As per specification on the NMBM Tender Portal and/or the SCM front offices: Corner of Buxton Avenue and Harrower Road.	2026PREQ05737
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For more information, please contact Ms. Derrocks at  
mderrocks@mandelametro.gov.za

5	40.00	EACH	COPPER PIPE	Supply and deliver 28mm diameter COPPER PIPE (460/2) in 5.5m lengths.	2026PREQ05818
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For more information, please contact

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Ms. Derrocks at  
mderrocks@mandelametro.gov.za

6	40.00	EACH	COPPER TUBE	Supply and deliver COPPER TUBE 22mm Class 2 SABS 460 in 5.5 metre length.	2026PREQ05817
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Sample may be requested and must be provided within 72hrs after request. Brand names of quoted items must be stated - failure to meet minimum requirements will deem the tenderer as non-responsive.

For more information, please contact Ms. Derrocks at  
mderrocks@mandelametro.gov.za

7	200.00	EACH	BALLCOCK	Supply and deliver BALLCOCK C.P. 40mm stainless stell F.I 1090 SANS = 1 = 10525 = approved.	2026PREQ05792
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Sample may be requested and must be provided within 72hrs after request. Brand names of quoted items must be stated - failure to meet minimum requirements will deem the tenderer as non-responsive.

For more information, please contact Ms. Derrocks at  
mderrocks@mandelametro.gov.za

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INFRASTRUCTURE & ENGINEERING [WATER DISTRIBUTION]

MEMORANDUM

**DATE:** 09/04/26

**REF:** 56

<b>FROM:</b> R.Machard Water installations. Burchell Drive.	<b>TO:</b> Mrs M Derrocks Stores 16 Burchell Drive
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**RE: Orders of the following meters.**

**The Metro will be commencing with planned maintenance and will be requiring a high volume of certain meters.**

**Please can the following stock of the following meter**

640 x 15x 114mm plastic semi positive meter in above ground meter installation box -00760020

Trusting that the above is in order, thanking you.

Yours faithfully



Mr R Machard

## Specification for ground level installation water boxes

Meter box complete with plastic water meter box fitted with 15 mm x 114mm non-metallic acetyl bodied class C semi-positive water meter, with fusion welded fittings with three-way plastic ball valve. End connection shall be plastic; fusion welded to the internal pipework of the meter box with 20 mm female threaded insert

### **METER BOXES - GROUND LEVEL INSTALLATION**

#### **Materials**

Meter box and lid to be moulded in modified polypropylene Box lid and securing pin Meter box lid to be of the hinged variety with the securing pin moulded in identical modified polypropylene to ensure compatibility. Lid to be fitted with tamper proof dual action locking mechanism which can only be opened with a special key and must be complete with reading slot. The meter lid must have metro logo inscribe on it.in case of the surface box for the 40mm inferential meter the meter box lid to overlap the top of the meter to give additional support and strength. The meter box and lid to be made from moulded uv stabilized polypropylene. The Meter couplings to be so designed that they retract when loosened thus allowing easy removal of the meter without disassembling the connectors. Couplings are to form a perfect seal without the aid of O rings or rubber washers. All brass couplings to be dezincification resistant.

#### **Isolating valve**

Three way – SABS approved Trickle Flow Ball Valve to be fitted on Inlet side of meter inside the meter box. A separate SABS approved consumer ball valve to be supplied fitment on the outlet side of the meter box. Meter box to be capable of containing a 15mm/20mm/25mm and 40mm semi positive rotary piston and multi jet inferential water meter and will require separate tender pricing. Water Meter box complete, excluding water meter but including ball valves, inlet and outlet fittings, cap and linings to fit meter.

#### **Pressure testing**

When a box is supplied with a meter installed it must be pressure tested for water tightness at the factory to the pressure rating of the water meter. The Pressure test certificate must be supplied with the box and meter and must indicate date of test, tester's name, all relevant test data, and must be referenced to the serial number of the meter. Failure on behalf of the tenderer to supply the relevant test certificate will result in the rejection of the box and meter which will be returned to the tenderer at no cost to the NMBM.

#### **End connections**

The inlet and outlet connections are to be 3/4" BSP female threaded on the surface box that is suitable to take male threaded fitting. Inlet and outlet fittings to be keyed through the meter box wall by means of a hex or location key to prevent rotation of the meter assembly inside the water meter box during the installation of the meter box which can result in internal leaks. The inlet and outlet connectors shall be of 25mm glass reinforced polymer BSP parallel male threads to accept a suitable 25 mm female adaptor. The inlet and outlet connectors shall be of 40 mm glass reinforced polymer BSP parallel male threads to accept a suitable 40mm female adaptor.

## STANDARD SPECIFICATION

### General

- 1) All water meters supplied under this contract of nominal bore not exceeding 100mm, must comply with the standard specifications of SANS 1529-1:2019 (as amended). All flanges to be drilled table 16.
- 2) Larger meters, of nominal bore greater than 100mm but not exceeding 800mm must comply with SANS 1529- 4:2004 or OMIL R 49-1(MID) standards

They must be constructed of the same materials as called for in this specification and meet the accepted standards as given. **NRCS TYPE Approval Certification/letters for sale of Unapproved Water meters must be submitted with all tenders and must include full NCRS Pattern Approval Documentation reflecting the NCRS Approved flow rate vales for the QP and Qmin for each size of meter. This will be checked against literature submitted and the legally water Markings to ensure compliance.**

Standard Specification and codes of practice:

- LM-P-045-09-19
  - SANS 1529-1: 2019 (Water meters for cold potable water. Metrological characteristics of mechanical water meters of nominal bore not exceeding 100 mm)
- SANS 1529-3: 2006 (Water Meters for Cold Potable Water - Part 3: Physical Dimensions.)

### 3) VERIFICATION

- 4) All meters shall be tested/verified and sealed by a registered verification officer in a facility that is accredited by SANS in accordance with the recognized National standard LM-P-045-09-19 and situated within the borders of South Africa.
- 5) All meters shall be tested and verified at the specified flow rates to provide compliance with SANS 1529 and legal Metrology Act requirements.
- 6) **A test certificate which includes verification date, meter serial number and verification officers initial and surname must be submitted with each meter supplied. Failure to supply the above certification will result in the rejection of the water meter which will be returned to the tenderer at no cost whatsoever to the NMBM. Test reports must be available at any time upon request.**
- 7) **The tenderer must submit the manufactures SANS verification Laboratory Accreditation Certificate and include Annex A –scope of accreditation reflecting meter size range, and the NRCS certificate of designation as a verification body**

### 8) BEHAVIOUR IN CASE OF FLOW BACK

- 9) If a meter could be subjected to an accidental reversal of flow, it shall be capable of withstanding the reversal without any deterioration or change of metrological characteristics and at the same time shall indicate such reverse flow.

### 10) OPERATING POSITION

- 11) If not approved by the Department of Trade Metrology for operating both vertically and horizontally, the meter shall be marked for horizontal installation only.

a) SEMI-POSITIVE ROTARY PISTON VOLUMETRIC TYPE WATER METER

These water meters must be of the semi-positive rotary piston volumetric type. Flow rate of meter

METER SIZE	15MM	20 MM	25 MM	<u>32 MM</u>
Maximum flow rate $q_s$ +/- 2% (kl/h)	3	5	7	12
Permanent flow $q_p$ +/- 2% (kl/h)	1,5	2,5	<u>3, 5</u>	6
Transitional flow rate $q_t$ +/- 2% (l/h)	22,5	31,5	<u>52, 5</u>	90
Minimum flow rate $q_{min}$ +/- 5% (l/h)	1,5	25	35	60

Any improvement to these Figures will be to the supplier's advantage and will be considered when assessing the tenders.

Mesh strainer

A fine mesh strainer of the following minimum dimensions is to be fitted internally

METER SIZE	APERTURE SIZE	MESH SIZE
15mm	0.75mm	2844 mm <sup>2</sup>
25 mm	0.90 mm	4178 mm <sup>2</sup>

Drive type

Mechanical drive type to prevent magnetic interference. Counter

The counter window must be made of scratch resistant glass or a poly plastic with a minimum thickness of 7mm that cannot be penetrated by means of a needle or similar sharp instrument to stop the counter from operating without destroying the unit and allowing an uncontrollable discharge of water. The counter lens must be situated horizontally, parallel to the axis of the meter. The counter must be of the wet dial type to prevent condensation under the lens. All meters must have a pulse output facility.

Metrological class of meter (Class C)

The meters shall be approved to Class C by the NRCS. **Copies of type approval certificates to be submitted with the tender. (certificate must include approved meter performance values. )**

Meter body material

The meter body is to be manufactured from a dezincification resistant copper base brass alloy or specially blended – polymer which is age and UV resistant.

Nominal working pressure

The meters shall be designed to operate under a nominal working pressure of 1600 kPa.

INFRASTRUCTURE & ENGINEERING [WATER DISTRIBUTION]

MEMORANDUM

**DATE:** 09/04/26

**REF:** 55

**FROM:** R.Machard  
Water installations.  
Burchell Drive.

**TO:** Mrs M Derrocks  
Stores 16  
Burchell Drive

**RE: Orders of the following meters.**

**The Metro will be commencing with planned maintenance and will be requiring a high volume of certain meters.**

**Please can the following stock of the following meter**

1800 X 15mm Semi positive volumetric plastic water meter.(00750529)

Trusting that the above is in order, thanking you.

Yours faithfully



Mr R Machard

## Specification for Plastic semi -positive water meter

15mm x 114mm non-metallic acetyl bodied class C semi-positive water meter.

### STANDARD SPECIFICATION

#### General

- 1) All water meters supplied under this contract of nominal bore not exceeding 100mm, must comply with the standard specifications of SANS 1529-1:2019 (as amended). All flanges to be drilled table 16.
- 2) Larger meters, of nominal bore greater than 100mm but not exceeding 800mm must comply with SANS 1529- 4:2004 or OMIL R 49-1(MID) standards

They must be constructed of the same materials as called for in this specification and meet the accepted standards as given. **NRCS TYPE Approval Certification/letters for sale of Unapproved Water meters must be submitted with all tenders and must include full NRCS Pattern Approval Documentation reflecting the NRCS Approved flow rate vales for the QP and Qmin for each size of meter. This will be checked against literature submitted and the legally water Markings to ensure compliance.**

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#### 3) VERIFICATION

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- 5) All meters shall be tested and verified at the specified flow rates to provide compliance with SANS 1529 and legal Metrology Act requirements.
- 6) **A test certificate which includes verification date, meter serial number and verification officers initial and surname must be submitted with each meter supplied. Failure to supply the above certification will result in the rejection of the water meter which will be returned to the tenderer at no cost whatsoever to the NMBM. Test reports must be available at any time upon request.**
- 7) **The tenderer must submit the manufactures SANS verification Laboratory Accreditation Certificate and include Annex A –scope of accreditation reflecting meter size range, and the NRCS certificate of designation as a verification body**

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- 9) If a meter could be subjected to an accidental reversal of flow, it shall be capable of withstanding the reversal without any deterioration or change of metrological characteristics and at the same time shall indicate such reverse flow.

#### 10) OPERATING POSITION

- 11) If not approved by the Department of Trade Metrology for operating both vertically and horizontally, the meter shall be marked for horizontal installation only.

a) SEMI-POSITIVE ROTARY PISTON VOLUMETRIC TYPE WATER METER

These water meters must be of the semi-positive rotary piston volumetric type.

Flow rate of meter

METER SIZE	15MM	20 MM	25 MM	<u>32 MM</u>
Maximum flow rate $q_s$ +/- 2% (kl/h)	3	5	7	12
Permanent flow $q_p$ +/- 2% (kl/h)	1,5	2,5	<u>3,5</u>	6
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25 mm	0.90 mm	4178 mm <sup>2</sup>

Drive type

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Counter

The counter window must be made of scratch resistant glass or a poly plastic with a minimum thickness of 7mm that cannot be penetrated by means of a needle or similar sharp instrument to stop the counter from operating without destroying the unit and allowing an uncontrollable discharge of water. The counter lens must be situated horizontally, parallel to the axis of the meter. The counter must be of the wet dial type to prevent condensation under the lens. All meters must have a pulse output facility.

Metrological class of meter (Class C)

The meters shall be approved to Class C by the NRCS. **Copies of type approval certificates to be submitted with the tender. (certificate must include approved meter performance values. )**

Meter body material

The meter body is to be manufactured from a dezincification resistant copper base brass alloy or specially blended – polymer which is age and UV resistant.

Nominal working pressure

The meters shall be designed to operate under a nominal working pressure of 1600 kPa.