



## **GATAMATHI WATER AND SANITATION COMPANY**

**P.O. BOX 93 -10204, KIRIA-INI.**

**TEL: 020-2032602**

**EMAIL: [gatamathiwsp@gmail.com](mailto:gatamathiwsp@gmail.com)**

**TENDER NO GTM/010/2019-2021—SUPPLY AND DELIVERY OF HDPE  
PIPES AND FITTINGS**

**JUNE 2019**

**GENERAL MANAGER,  
GATAMATHI WATER AND SANITATION COMPANY**

**PO BOX 93-10204**

**KIRIA-INI.**

**CONFIDENTIAL BUSINESS QUESTIONARE FORM**

You are requested to give the particulars indicated in part 1 and either part 2 (a), 2(b) or 2(c) whichever applies to your type of business. You are advised that it is a serious criminal offence to give false information on this form.

**Part 1.General Information**

Business Name-----

Plot No-----

Street/Road-----

Postal Address-----Tel.No-----Fax-----

Email -----

Nature of Business-----

Registration Certificate No-----

VAT No-----PIN No-----

Maximum value of business which you can handle at any one time Ksh-----

Name of your bankers-----Branch-----

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**Part 2(a)-Partnership**

Your name in full-----Age-----

Nationality -----Country of origin-----

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**Part 2(a) Proprietor**

Give details of Partners as follows

Name, nationality and shares

Name	Nationality	shares
1. -----		
2. -----		
3. -----		
4. -----		

**Part 2(c) Registered Company**

Private or Public-----

State the Nominal and issued Capital of the company:-

Nominal Kshs-----

Issued Kshs-----

Give details of all Directors as follows:-

Name, Nationality and Shares

Name	Nationality	Shares
1. -----	-----	-----
2. -----	-----	-----
3. -----	-----	-----
4. -----	-----	-----

Signature of tenderer-----Date-----

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**REF: GTM/010/2019-2021**

## **SUPPLY AND DELIVERY OF HDPE PIPES AND FITTINGS**

Gatamathi Water and Sanitation Company is the Water Service Provider (WSP) that provides water and sanitation services to Mathioya Sub-county, Rwathia and Kihoya locations, in Kangema Sub-county and parts of Gatari location.

The Company is mandated to run Mathioya and Gatango Water schemes and improve the services of water and sanitation.

The company's main target is to provide quality water for every household.

In this regard the WSP intends to acquire HDPE pipes and fittings of various sizes.

The mode of purchase will be as and when needed.

The company requests able and willing suppliers to tender for HDPE pipes and fittings that conform to the Kenya Bureau of Standard guidelines.

# **SUPPLY AND DELIVERY OF HDPE PIPES KS-ISO 4427 FOR POTABLE WATER**

Before filling any price, tenderers are requested to read carefully the specifications below. They will form the base of evaluations

## **Specifications**

The HDPE must be manufactured under ISO 4427.

Suppliers will must agree for floating test of piece of pipe to be immersed in water to check whether it will. Note if the material does not float the whole consignment will be rejected. The piece subjected to the test will be cut from the consignment and will be picked randomly.

## **Visual Checks on Pipes upon delivery**

### **Appearance**

- i) When viewed without magnification the internal and external surfaces of pipes shall be smooth, clean and free from scouring, cavities and other surface defects to an extent that would prevent conformity to this standard.
- ii) The material shall not contain any impurities visible without magnification.
- iii) The ends of the pipe shall be cut cleanly and square to the axis of the pipe.

## **Visual Checks on Pipes upon delivery**

- i) SDR Standard Dimension Ratio = outside diameter (Do) / wall thickness (t); SDR determines the pressure rating (PN) of the pipe
- ii) Wall thickness Vs pressure class,
- iii) Minimum marking on pipes – traceability. Standard (ISO 4427), Name of manufacturer; Date; pressure in (PN); material (u-PVC); intended use
- iv) Geometry of pipe – Ovality check
- v) Color coding

## **Minimum Required Marking on Pipes**

- i) Manufacturer's name and/or trade mark
- ii) Nominal Size e.g. DN 110
- iii) Minimum Wall Thickness e.g. 3.2
- iv) Material HDPE
- v) Manufacturer's information
- vi) To ensure traceability, the following details must be given

- vii) The production period (year and month), in figures or in code
- viii) name or code for the production site if the manufacturer is producing at different sites

### **Minimum Required Marking on fittings**

Manufacturer's name and/or trade mark; Nominal Size; Nominal angle and Material

### **On the Fitting or on the Packaging**

- i) Number of this International Standard
- ii) Manufacturer's Information
- iii)
- iv) To ensure traceability, the following details must be given
  - a) The production period (year and month), in figures or in code
  - b) name or code for the production site if the manufacturer is producing at different sites

Nominal outside diameter		Length in metres one roll	PN	Manufacturer	Price (Ksh) VAT inclusive	Remarks
20	Roll		20			
25	Roll		20			
32	Roll		20			
40	Roll		20			
50	Roll		20			
63	Roll		20			
90	Roll		20			

Nominal outside diameter		Length in metres one roll	PN	Manufacturer	Price (Ksh) VAT inclusive	Remarks
20	Roll		16			
25	Roll		16			
32	Roll		16			
40	Roll		16			
50	Roll		16			
63	Roll		16			
90	Roll		16			

Nominal outside diameter		Length in metres one roll	PN	Manufacturer	Price (Ksh) VAT inclusive	Remarks
25	Roll		12.5			
32	Roll		12.5			
40	Roll		12.5			
50	Roll		12.5			
63	Roll		12.5			
90	Roll		12.5			

Nominal Pressure PN based on design coefficient  $C=2.5$

Nominal outside diameter		Length in metres one roll	PN	Manufacturer	Price (Ksh) VAT inclusive	Remarks
25	Roll		12.5			
32	Roll		12.5			
40	Roll		12.5			

50	Roll		12.5			
63	Roll		12.5			
90	Roll		12.5			

<b>Nominal outside diameter</b>		<b>Length in metres one roll</b>	<b>PN</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
32	Roll		10			
40	Roll		10			
50	Roll		10			
63	Roll		10			
90	Roll		10			

<b>Nominal outside diameter</b>		<b>Length in metres one roll</b>	<b>PN</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
32		Roll	8			
40		Roll	8			
50		Roll	8			
63		Roll	8			
90		Roll	8			

<b>Nominal Outside Diameter</b>		<b>Length in metres one roll</b>	<b>PN</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
110	Roll	Roll	25			
160			25			

<b>HDPE Pipe</b>		<b>Length in metres one roll</b>	<b>PN</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
110	Roll		20			
160			20			
225			20			
280			20			
312			20			
355			20			



400			20			
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<b>HDPE Pipe</b>		<b>Length in metres one roll</b>	<b>PN</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
110	Roll		16			
160			16			
225			16			
280			16			
312			16			
355			16			
400			16			

<b>HDPE` Pipe</b>		<b>Length in metres one roll</b>	<b>PN</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
110	Roll		12.5			
160			12.5			
225			12.5			
280			12.5			
312			12.5			
355			12.5			
400			12.5			

<b>HDPE Pipe</b>		<b>Length in metres one roll</b>	<b>PN</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
110	Roll		8			
160			8			
225			8			
280			8			
312			8			
355			8			
400			8			

**Fittings will be as described above**

**HDPE fittings**

<b>Repairing coupler for HDPE Size in mm</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
20			
25			
32			
40			
50			
63			
90			
110			
<b>EQUAL TEE 90° SIZE MM</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
20			
25			
32			
40			
50			
63			
90			
110			
<b>FLANGED ADAPTOR SIZE MM</b>		<b>Price (Ksh) VAT inclusive</b>	
50			
63			
90			
110			
<b>FEMALE ADAPTOR SIZE MM</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
20			
25			
32			
40			
50			
63			
90			
110			

<b>ELBOW WITH THREADED MALE OFFTAKE SIZE MM</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
25			
32			
40			
50			
63			
90			
110			
<b>END CAP SIZE MM</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
20			
25			
32			
40			
50			
63			
90			
110			
<b>TIGHTENING WRENCH SIZE MM</b>	<b>Manufacture</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
20-32			
32-40			
<b>90°ELBOW SIZE MM</b>	<b>Manufacture</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
16			
20			
25			
32			
40			
50			
63			
75			
90			
110			
<b>MALE TEE SIZE MM</b>	<b>Manufacture</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
16			

20			
25			
32			
40			
50			
63			
75			
90			
110			
<b>REDUCING TEE SIZE (mm)</b>	<b>Manufacture</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
20-16-20			
20-25-20			
25-20-25			
32-25-32			
40-32-40			
50-40-50			
63-32-63			
63-50-63			
<b>REDUCING COUPLER SIZE MM</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
20-16			
25-16			
25-20			
32-20			
32-25			
40-25			
40-32			
50-32			
50-40			
63-50			
110-90			
<b>90°ELBOW WITH THREADED FEMALE OFFTAKE SIZE (mm)</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
16"			
20			
25			
32			

40			
50			
63			
75			
90			
110			
<b>90°ELBOW WITH THREADED MALE OFFTAKE</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
16			
20			
25			
32			
40			
50			
63			
75			
90			
110			
<b>HDPE SADDLE CLAMP SIZE MM</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
25×1/2			
32×3/4			
32×1/2			
40×1			
40×3/4			
40×1/2			
50×11/4			
50×1			
50×3/4			
50×1/2			
63×2			
63×11/4			
63×1			
63×3/4			
63×1/2			
90×2			
90×11/2			
90×11/4			

90×1			
90×3/4			
90×1/2			
110×2			
110×11/2			
110×11/4			
110×1			
110×3/4			
110×1/2			
160×2			
160×11/2			
160×11/4			
160×1			
160×3/4			
160×1/2			
200×1			
200×11/2			
200×11/4			
200×1			
200×3/4			
200×1/2			
225×2			
225×11/2			
225×11/4			
225×1			
225×3/4			
225×1/2			
<b>JOINING COPRER BUTT FUSION</b>	<b>Manufacturer</b>	<b>Price (Ksh) VAT inclusive</b>	<b>Remarks</b>
<b>FROM G.I 200(8") TO HDPE (225MM)</b>			
<b>FROM HDPE TO UPVC FOR THE FOLLOWING SIZES</b>			
160MM			
200MM			
225MM			
280MM			
315MM			

**Officer's Name**.....

**Supplier/Manufacturer**.....

**Signature**.....

**Date**.....**Official Stamp**