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Poverty Reduction Through Sustainable NRM



Investing in rural people

**MINISTRY OF WATER & SANITATION AND IRRIGATION**

**UPPER TANA NATURAL RESOURCES MANAGEMENT PROJECT (UTaNRMP)**

P.O. Box 996-60100 EMBU Tel: 068 22 31376 E-mail: [utanrmp@gmail.com](mailto:utanrmp@gmail.com) [info@utanrmp.or.ke](mailto:info@utanrmp.or.ke) [www.utanrmp.or.ke](http://www.utanrmp.or.ke)

16<sup>th</sup> March 2020

DEAR ALL

RE: ADDENDUM NO 2 FOR: -

**SUPPLY AND DELIVERY OF PIPES AND FITTINGS FOR VARIOUS WATER PROJECTS IN PROJECT AREA COUNTIES TENDER NO: MWSI/UTaNRMP/ICB/001/2019-20**

Following the request for clarification from some tenderers, the following are the responses and clarifications to the issues raised in the tender document:

**Lot (2)(C)- Tharaka Nithi : G.I pipes and fittings**

Item	Description	Clarification sought	Response/Clarification
2.5	20mm diameter sprinkler of nozzle size 3.6mm x 2.1 bar complete with valve sockets	Kindly clarify- is this double nozzle sprinkler and what should be included	The sprinkler is double nozzle sprinkler
2.15	20mm diameter HDPE saddle clamp with female thread	Kindly clarify what size of thread	14 threads per inch
2.18	20 mm diameter male threaded adaptor coupler with BSP taper threaded (HDPE)	Kindly clarify what size of thread	14 threads per inch
2.21	20*20 mm diameter male adaptor (HDPE)	Kindly clarify –is this a male adaptor or connector	This is a socket (HDPE)
3.32	20mm diameter sprinkler tripod stand 1m long	Kindly clarify	20 mm G.I pipe 1m length threaded both sides supported by R6 1m tripod stand.
2.8	200mm diameter GI to VJ adaptor	Is this a stepped V.J Coupling or flanged adaptor	This is stepped V.J coupling
2.10	63mm diameter barrel nipple	Diameter 63mm means a different size in G.I. Kindly let us know what size you are asking for, is it 2” or 2 1/2 “	63mm is approximately equal to 2 1/2” nipple
2.12	90mm GI socket	Does this mean a 3” socket	This is a 3 1/2” socket

<b>Meru county lot 1(a)</b>			
<b>Item</b>	<b>DESCRIPTION</b>	<b>CLARIFICATION SOUGHT</b>	<b>RESPONSE/CLARIFICATION</b>
1.36	20MM DIAMETER PN 12.5 PVC PIPE	Under KEBS standards KSO6-149 PART 2:2000 which was replaced by KS-1452-2:2009 THE MINIMUM STANDARD IS PN16	CHANGE '20MM DIAMETER PN 12.5 DAIMETER PVC PIPE ' TO '20MM DAIMETER PVC PIPE PN 16 '
3.39	20 diameter Upvc PN 10 hydrant feeders	Kindly advice what should be included in the hydrant feeders	Change '20MM DAIMETER uPVC PIPE PN 10 hydrant feeders' to 20MM DAIMETER uPVC PIPE PN 16
	<b>LOT (2)(a) G.I PIPES AND FITTINGS</b>		
2.38	150 mm X80 Saddle Clamp	Kindly advice –are this saddle clamps of steel or PE or PP	These are G.I saddle clamps
2.39	150mmX25 saddle clamp		
2.4	110mm X25mm saddle clamp		
2.41	110mm X 50 mm saddle clamp		
2.42	75mm X50 saddle clamp		
	<b>Lot 3(a) Air valves and sectional valves</b>	Kindly advise –what to be included in the accessories	The connecting sockets to 250mm pipeline, respective tees and 50mm Gate valve
3.01	250mm diameter air valve complete with accessories		
3.02	200mm diameter air valve complete with accessories		
3.03	100 mm air valve complete with accessories		
3.1	150mm dia valve socket	150mm valve sockets are not available in plastic – can we quote for steel threaded and adaptor	These are G.I sockets
1.49	200mm diameter VJ adopter	Does this mean a flanged adaptor or a VJ Coupling?	This is a flanged adopter
2.4	250mm diameter class B GI Pipe with bell mouth	Is this a full length pipe that you are referring to?	It's a full length of 6 metres
2.6	200mm diameter GI flanged	No further information has been given on this. Whether single flanged or double flanged and specific length	6m length G.I pipe flanged both ends
2.11,2.12, 2.13, 2.14		Is it flanged ,plain end, or threaded ?what length is required	These are 6 meters G.I pipes flanged both ends

**Embu County lot(1)b**

<b>Item</b>	<b>Description</b>	<b>Clarification sought</b>	<b>Response/Clarification</b>
1.08	20mm diameter *80m long PN6 UPVC	Under KEBS standards KS-149 apart 2:2000 which was replaced by KS -1452-2 2009 the minimum standard is PN16	Change '20mm diameter *80m long PN6 Upvc' to '20mm diameter UPVC' pipes 6 m length PN16'
1.1	315mmX160 mm diameter reducer	Can we quote for steel socketed fittings	Quote as per the tender document or equivalent

**LOT 1 (c) –Tharaka Nithi : UPVC PIPES AND FITTINGS**

<b>Item</b>	<b>Description</b>	<b>Clarification sought</b>	<b>Response/Clarification</b>
1.1	25mm diameter UPVC pipe PN 10	Under KEBS standards KS-149 apart 2:2000 which was replaced by KS -1452-2 2009 the minimum standard is PN16	Change '25 mm diameter PN 10 U PVC pipes ' to '25mm diameter UPVC' pipes PN 12.5'
1.22	20mm diameter HDPE pipe	Kindly clarify the PN rating and length of pipe	Change '20 mm diameter HDPE pipe' to '20mm diameter HDPE pipes 6M length PN 16'

**NYERI COUNTY SUMMARY Lot (2) d**

<b>Item</b>	<b>Description</b>	<b>Clarification sought</b>	<b>Response/Clarification</b>
2	250mm diameter GI class B pipes with clamps	Kindly clarify what type of clamps	The clamps are saddle clamps
2.4	150mm diameter G.I Pipes medium grade with clamps	Kindly clarify medium grade is it class B and what type of clamps	Medium class is class 'B' and the clamp is saddle clamp
2.5	100mm dia GI pipe, length 1.5 M with clamps	K and what type of clamps and clarify –what class of pipe	100mm dia GI pipe, length 1.5 M with saddle clamps class B
2.13	225mm x 50mm saddle clamps with a nipple to fit a valve – double flanged GI pipe	What does this exactly mean? What is the size of the nipple? What does the double flanged G.I pipe mean?	225mm x 50mm saddle clamps with a nipple to fit a 50mm gate valve –double flanged GI pipe. The two pipes joined by the saddle clamp are flanged on both ends
2.14	225mm x 75mm saddle clamp with a nipple to fit a gate valve – double flanged GI pipe	Kindly clarify	The nipple should fit 50mm gate valve. The two pipes joined by the saddle clamp are flanged on both ends
1.12,1.13	280mm X250mm diameter	Does this mean a	This is a stepped coupling

	GI/UPVC Adaptors,	flanged adaptor, taper, stepped coupling	joining GI and uPVC pipe
2.18	200mm diameter GI pipe medium grade one end plain, one end perforated with 20 mm diameter holes at 200mm c/c pipe mouth capped 14 gauge Ms plates perforated with holes of the same size and aluminium coated	Kindly provide drawing for this, if available for better understanding. There is no length given	Please revise as follows for easier understanding '200mm diameter GI pipe of 6meters length, class 'B', one end plain, one end perforated with 20 mm diameter holes at 200mm length all round c/c, pipe mouth capped 14 gauge MS aluminum coated plates perforated with holes of 20mm diameter.'

#### KIRINYAGA 2(e)

Item	Description	Clarification sought	Response/Clarification
2.43	100mm X50mmX40mm diameter fabricated Y tee flanged on 100 mm diameter pipe	Kindly provide a drawing for this, for avoidance of misinterpretation	This is a normal water divider G.I with respective reducing sockets.

#### GENERAL

Item	Description	Clarification sought	Response/Clarification
	25mm service meters complete with accessories	Kindly clarify whether it 25 mm equivalent to 1 inch or 20mm equivalent to ¾ inch	Quote as per the tender document

Bidders are further informed that the tender has 15No lots as follows:-

Line Item N°	Description of Goods
Lot 1 (a)	uPVC pipes and fittings for Meru County
Lot 1 (b)	uPVC pipes and fittings for Embu County
Lot 1 (c).	uPVC pipes and fittings for Tharaka Nithi County
Lot 1 (d).	uPVC pipes and fittings for Nyeri County
Lot 1 (e)	uPVC pipes and fittings for Kirinyaga County
Lot 2 (a)	GI pipes and fittings for Meru County
Lot 2 (b)	GI pipes and fittings for Embu County
Lot 2 (c).	GI pipes and fittings for Tharaka Nithi County
Lot 2 (d).	GI pipes and fittings for Nyeri County
Lot 2 (e)	GI pipes and fittings for Kirinyaga County

Lot 3 (a)	Air valves and sectional valves for Meru County
Lot 3 (b)	Air valves and sectional valves for Embu County
Lot 3 (c).	Air valves and sectional valves for Tharaka Nithi
Lot 3 (d).	Air valves and sectional valves for Nyeri County
Lot 3 (e)	Air valves and sectional valves for Kirinyaga County

Bidders are **FREE** to quote for one (1), a combination of lots or all the lots as indicated above. However, once a bidder quotes for a lot, all the items in the lot must be quoted for.

Bidders are informed that this ADDENDUM is part of the tender documents and all other items and conditionalities in the tender remain the same.

**PROJECT COORDINATOR.**

**UPPER TANA NATURAL RESOURCES MANAGEMENT PROJECT**