REPUBLIC OF KENYA



COUNTY GOVERNMENT OF KIRINYAGA

DEPARTMENT OF FINANCE AND ECONOMIC PLANNING OFFICE OF THE DIRECTOR SUPPLY CHAIN MANAGEMENT

Telephone: 0202582237 Email : *procurement@kirinyaga.go.ke*. KIRINYAGA COUNTY GOVERNMENT P.O.BOX, 260

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When replying please quote; Réf No.CGK/SCM/ADD/ONT/Vol. 1(002)

6th October, 2023.

TO ALL PROSPECTIVE BIDDERS

<u>RE: ADDENDUM NO.2 - TO ALL TENDERS ADVERTISED ON 27th SEPTEMBER, 2023 FOR</u> FINANCIAL YEAR 2023-2024.

Reference is made to the Tender Notice of 27th September, 2023 inviting Interested, Qualified and Eligible Contractors/Vendors to participate under **Open National Tender** competitive method for the procurement of Goods, Works, and Services for the Financial Year 2023 – 2024.

Pursuant to section 75 of the Public Procurement and Asset Disposal Act, 2015, its attendant Regulations 2020, the County Government of Kirinyaga has issued the following addendum with regards to the above mentioned tender.

1. EXTENSION OF TENDER CLOSING DATE:

This is to notify all prospective bidders that the closing date for the mentioned tenders Advert has been extended from Wednesday 11th October, 2023 at 10:00 am to Friday 13th October, 2023, at 10:00 am.

2. CHANGE OF THE BILL OF QUANTITES:

Kindly be notified that the Bill of Quantities on page 147-154 for the Proposed Drilling and Equipping of Boreholes for Various Wards in Kirinyaga County - **TENDER NUMBER:** CGK/EN&W/ONT/002/2023-2024 (NEGOTIATION NO: 1357104-2023/2024) have been amended as attached below.

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KEVIN MUTINDA DIRECTOR SUPPLY CHAIN MANAGEMENT

have been amended as attached below. Tenderers are advised that the Bill of Quantities on page 147 – 154 of the Tender document

P ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP BOREHOLE 200 M DEEP AT KAMUCHEGE/BAHATI GATHIGIRIRI WARD. P TESTING OF A BOREHOLE IN

ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP BOREHOLE 200 M DEEP AT KAMUCHEGE/BAHATI TESTING OF BOREHOLE Z ⋗

BOREHOLE	BOREHOLE 200 M DEEP AT KAMUCHEGE/BAHATI GATHIGIRIRI WARD.	HEGE/B/	AHATI		BOREHOLE IN	Z
ITEM	DESCRITION	UNIT	QTY	RATE	AMOUNT	NUT
Ņ	Allow for mobilization setting up equipment (drilling rig, support truck and camping gear) ready for works and demobilization	Г				
в.	Drilling with minimum 12" bit from 0- 10m deep from the existing ground level	М	10			
	Drilling with minimum 8" bit to a depth of 90m deep from the existing ground level	М	190			
D	Allow for collection and sampling of drill cuttings at 2m interval	ST				
in	Supply drilling foam	ST				
ч.	Supply and install of surface casing	M	10			
G.	Supply and install 6" ms class 'B' plain casing	M	140			
H.	Supply and install 6" ms class 'B' slotted casing	М	60	-		
	Supply and install 2 to 5mm approved gravel pack filter in the annual space	TON	8			
J.	Develop borehole by high pressure air jetting including inserting and withdrawing the development equipment (until clean water is derived to the satisfaction of the supervisor)	HR	N			
~	Avail test pumping equipment and test pump the borehole for 24 hours	HR	24			

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	Z	M.	Ŀ	
Sub- Total	Collect water samples (2 litres) to authorized competent testing laboratory for physical, chemical and bacteriological analysis	Provision and installation of bentonite seal above gravel pack, 2m grout seal at surface, mild steel cap with screwed threaded joint and construction of borehole slab 2400mm x 2400mm x 150mm thick	Allow for hydrogeological survey, Environment Impact Assessment (EIA), WRMA fees	continuously recording the recovery measurements
	Z	Л	א	

	24	HR	. Avail test pumping equipment and test pump the borehole for 24 hours continuously recording the recovery measurements	~
	ω		air jetting including inserting and withdrawing the development equipment (until clean water is derived to the satisfaction of the supervisor)	
	. 00	HP TON		
	30	X	Supply and install 6" ms class 'B' slotted casing	H.
	120	X	. Supply and install 6" ms class 'B' plain casing	ċ
	ω	M	Supply and install of surface casing	.п
	1	ST	Supply drilling foam	iu
		ST	. Allow for collection and sampling of drill cuttings at 2m interval	D.
	140	Х	Drilling with minimum 8" bit to a depth of 90m deep from the existing ground level	C
	10	X	Drilling with minimum 12" bit from 0-10m deep from the existing ground level	8.
		ז	Allow for mobilization setting up equipment (drilling rig, support truck and camping gear) ready for works and demobilization	
RATE AMOUNT	QTY R	UNIT	DESCRITION	ITEM
TING OF A WARD.	N INOL	AND PU	BOREHOLE 150 M DEEP AT KIBINGO BOREHOLE IN INCI WARD. ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP TESTING OF BOREHOLE 150 M DEEP AT KIBINGO BOREHOLE IN INOI WARD.	BOBE
P TESTING OF A	ND PUM	ENT AN	ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP TESTING	B. ES

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		z	M.	: <u>-</u> -
	Sub- Total	Collect water samples (2 litres) to authorized competent testing laboratory for physical, chemical, and bacteriological analysis	Provision and installation of bentonite seal above gravel pack, 2m grout seal at surface, mild steel cap with screwed threaded joint and construction of borehole slab 2400mm x 2400mm x 150mm thick	Allow for hydrogeological survey, environment impact assement (EIA), WRMA fees
-		S	N	זן
			1	
		a.		

ITEM ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP TESTING OF A BOREHOLE 150 M DEEP AT NDINDIRUKU BOREHOLE IN TEBERE WARD 0 $\overline{}$ - \cap Β. ≥ . Τ 0 ī D. ESTIMATE BOREHOLE 150 M DEEP AT NDINDIRUKU BOREHOLE IN TEBERE WARD. Allow for mobilization setting up DESCRITION withdrawing the development equipment Supply and install 2 to 5mm approved Supply and install 6" Supply and install 6" Supply and install of surface casing level Drilling with minimum 8" bit to a depth 10m deep from the existing ground level Drilling with minimum 12" bit from 0demobilization camping gear) ready for works and equipment (drilling rig, support truck and environment impact assement (EIA) Allow for hydrogeological survey, continuously recording the recovery pump the borehole for 24 hours Avail test pumping equipment and test jetting including inserting and Develop borehole by high pressure air gravel pack filter in the annual space Supply drilling foam cuttings at 2m interval Allow for collection and sampling of drill of 90m deep from the existing ground WRMA fees satisfaction of the supervisor) (until clean water is derived to the casing casing measurements FOR DRILLING, ms class 'B' slotted ms class 'B' DEVELOPMENT AND PUMP TESTING OF plain UNIT 5 Z Z HR HR \leq Z 5 5 LS TON 3 QTY ω 8 120 140 10 24 30 10 RATE AMOUNT

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Sub- Total	N. Collect water samples (2 litres) to authorized competent testing laboratory for physical, chemical and bacteriological analysis	M. Provision and installation of bentonite seal above gravel pack, 2m grout seal at surface, mild steel cap with screwed threaded joint and construction of borehole slab 2400mm x 2400mm x 150mm thick

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OTHER RELATED WORKS

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D. ESTIMATE FOR DESIGN, FABRICATION, SUPPLY AND ERECTION OF 6M STEEL TOWER TO CARRY 10M³ PLASTIC TANK KIBINGO BOREHOLE IN INOI WARD<u>.</u>

ESTIMATE FOR DESIGN, FABRICATION, SUPPLY AND ERECTION OF 6M

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				Sub- Total	
			کا	 Supply and install of 10m³plastic storage tank 	
			.كا	H. Transport of materials to the site of works	т
		<u> </u>	זן	G. Paint works on tower, aluminium to the tower externals	G
		1	دا.	F. Plumbing works to include all fitting i.e Gate valve, bends, nipples, unions etc	
			۶٦	E. Tank emplacement works	ш
		1	دا	D. Tower assembly at the site	D
			No	 Construction of a 6m high water tower (sitting on a reinforced foundation) comprised of external access ladder, walkway with safety handrails 	C
			د.	 Reinforced concrete foundation works in class 20 grade for the foundation base structure 	в.
			Ls.	 Preparation of drawings for the above- described works 	Ņ
AMOUNT	RATE	QTY	UNIT	A DESCRITION	ITEM
	KEHOLE	O BOI	KIBING	STEEL TOWER TO CARRY 10M ³ PLASTIC TANK KIBINGO BOREHOLE IN INOI WARD.	STEEL T

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NDIN ESTIMATE NDINDIRL	NDINDIRUKU BOREHOLE IN TEBERE WARD. Estimate for Supply, deliver and install solar submersible pump Ndindiruku Borehole in Tebere Ward.	ARD.	AR SU	BMERSIBL	<u>E PUMP</u>
ITEM	DESCRITION	UNIT	QTY	RATE	AMOUNT
A.	Pedrollo pump end or equivalent able to pump 5m³/h with a head of 180m.	No			
B.	Pedrollo sub motor or equivalent	No	1		
	SV 2 4kw 3ph sunverter	No			
סַ	6 mm ² X 4 pvc flat submersible drop cable	М	150		
iu	2.5mm X 2 core u/g cable	М	50		
	6 mm X 4 core u/g cable	М	50		
Ċ.	Londex dual core cable	М	250		
Ë	Twin flat 6 mm cable with earth	М	30		
	Copper earth cable 10mm	М	30		
J.	Dayliff 11/2" standard 3m pipes	No	40		
~	2" adaptor set	No	1		
F	Dayliff 24 dc crystalline solar module or equivalent to power 3kw motor	No	S/1		
M.	. Adaptor box 4*4*3	No			
z	Pvc pipe 25mm diameter	No	30		
0.	Ydf-3 float switch	No			
P.	Solar structure	L/s			
Ņ	PV Disconnect switch 1000 X 40	No			
Ŗ	Well probe sensor	No	_	t	
S.	Earthrod c/w clamp	No			
Ŀ	Pvc cooling sleeve 4"	No			
Ľ.	Installation sundries	L/s			

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E. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP

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	Sub- Total	AA Lightening arrestor	Supply, deliver and install 5m ³ plastic storage tank	Construct water kiosk with natural building stones able to carry 5m3 plastic storage tank fitted with burglar proof steel lockable door	Ball valve 2" std	W. Transport, labour and installation	WP dn 65 woltmann water meter
		No	۲/s	۲۷s	No	א	No
					-		-1
*							
	8						

ITEM KIBINGO BOREHOLE IN INOI WARD. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP S. -0 Β. P < C .– R. D P. 0 Z X . $\overline{}$ I 5 Ξ D. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP KIBINGO BOREHOLE IN INOI WARD. Pedrollo pump end or equivalent able DESCRITION 9 cable 5 Pedrollo sub motor or equivalent to pump 5m³/h with a head of 180m. Well probe sensor Solar structure on top of tank tower Ydf-3 float switch Pvc pipe 25mm diameter Adaptor box 4*4*3 or equivalent to power 3kw motor Dayliff 24 dc crystalline solar module Copper earth cable 10mm Londex dual core cable 2.5mm X 2 Pvc cooling sleeve 4" Earthrod c/w clamp Twin flat 6 mm cable with earth Installation sundries PV Disconnect switch 1000 X 40 SV 2 Dayliff 11/2" 2 WP dn 65 mm² mm X 4 core u/g cable adaptor set 4kw 3ph sunverter X 4 pvc flat submersible drop woltmann water meter core u/g cable standard 3m pipes UNIT No Zo Zo Zo No No Zo Zo Zo Zo Zo No 3 \leq No No 5/T SA Z 3 Z Z QTY 150 -_ _ -_ 30 50 50 _ -_ _ 30 S/I 40 30 250 RATE AMOUNT

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	Z.	.×	×	₩.
Sub- Total	Lightening arrestor	Construct water kiosk with natural building stones and fitted with burglar proof steel lockable door	Ball valve 2" std	W. Transport, labour and installation
	No	۲۶	No	LS

AT KII	G. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSI PUMP AT KIRIKO BOREHOLE GATHIGIRIRI WARD. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP AT KIRIKO BOREHOLE GATHIGIRIRI WARD.	AND INSTALL IIGIRIRI WARD. ISTALL SOLAR SI RD.	ARD.	BMERSIBL	SOLAR SUBMERSIBLE
ITEM	DESCRITION	UNIT	QTY	RATE	AMOUNT
,>	Grundfos pump end or equivalent able to pump 7m³/h with a head of 120m.	No			
B.	Grundfos 4kw 5.5hp 3ph 4" sub motor or equivalent	No	-		
	SV 2 4kw 3ph sunverter	No			
D	6 mm ² X 4 pvc flat submersible drop cable	M	120		
'n	2.5mm X 2 core u/g cable	M	50	5	
	6 mm X 4 core u/g cable	M	50		
Ċ.	Londex dual core cable	М	250		
Ä	Twin flat 6 mm cable with earth	М	30		
	Copper earth cable 10mm	М	30		
J.	Dayliff 11/2" standard 3m pipes	No	35		
~	2" adaptor set	No	-		
Ŀ	Dayliff 24 dc crystalline solar module or equivalent to power3kw motor	No	S/1		
M.	. Adaptor box 4*4*3	No			
z	Pvc pipe 25mm diameter	No	30		
.0	Ydf-3 float switch	No	1		
Р.	Solar structure	L/s			
Ņ	PV Disconnect switch 1000 X 40	No	1		
R.	Well probe sensor	No	-	ж.	
s.	Earthrod c/w clamp	No	Γ		
	Pvc cooling sleeve 4"	No			

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N/B: all quoted prices must be inclusive of relevant government taxes where applicable.

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	GRAND TOTAL TO BE CARRIED TO THE FORM OF TENDER	GRAI THE
	Allow 5% supervision	
	SOLAR SUBMERSIBLE PUMP - KIRIKO BOREHOLE IN GATHIGIRIRI	ç.
	Solar submersible pump - Kibingo borehole in inoi Ward	
	Solar Submersible Pump - Ndindiruku Borehole in Gathigiriri	i
	WATER TOWER FOR KIBINGO BOREHOLE IN INOI	D
	NDINDIRUKU BOREHOLE IN TEBERE WARD	
	KIBINGO BOREHOLE IN INO WARD	в.
	KAMUCHEGE/BAHATI BOREHOLE IN GATHIGIRI WARD	?
AMOUNT QUOTED(Kshs.)	DESCRIPTION	S/No.
Y	SUMMARY	
	Sub- Total	
No 1	Lightening arrestor	.×
No 1	Ball valve 2" std	×
LS	W. Transport, labour and installation	W.

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V. WP dn 65 woltmann water meter Installation sundries No ۲ ----

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Amount of Tender in words: -Kenya Shillings Date.. Witness Name and Signature... Address... Tenderer's Signature and Stamp..... Address... •••••• ••••• • •

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Date.