

REPUBLIC OF KENYA



COUNTY GOVERNMENT OF KIRINYAGA

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

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KIRINYAGA COUNTY GOVERNMENT
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KUTUS.

When replying please quote;

Réf No.CGK/SCM/ADD/ONT/Vol. 1(002)

6th October, 2023.

TO ALL PROSPECTIVE BIDDERS

RE: ADDENDUM NO.2 - TO ALL TENDERS ADVERTISED ON 27th SEPTEMBER, 2023 FOR 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 10:00am.

2. CHANGE OF THE BILL OF QUANTITIES:

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.

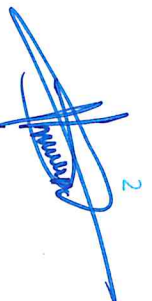
KEVIN MUTINDA
DIRECTOR SUPPLY CHAIN MANAGEMENT

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

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

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

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.	Allow for mobilization setting up equipment (drilling rig, support truck and camping gear) ready for works and demobilization	LS			
B.	Drilling with minimum 12" bit from 0-10m deep from the existing ground level	M	10		
C.	Drilling with minimum 8" bit to a depth of 90m deep from the existing ground level	M	190		
D.	Allow for collection and sampling of drill cuttings at 2m interval	LS			
E.	Supply drilling foam	LS			
F.	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	M	60		
I.	Supply and install 2 to 5mm approved gravel pack filter in the annular 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	2		
K.	Avail test pumping equipment and test pump the borehole for 24 hours	HR	24		

 2

	continuously recording the recovery measurements				
L.	Allow for hydrogeological survey, Environment Impact Assessment (EIA), WRMA fees	Ls			
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	Ls			
N.	Collect water samples (2 litres) to authorized competent testing laboratory for physical, chemical and bacteriological analysis	Ls			
	Sub- Total				

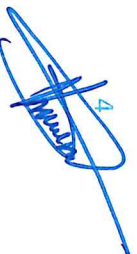
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B. ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP TESTING OF A BOREHOLE 150 M DEEP AT KIBINGO BOREHOLE IN INOI WARD.

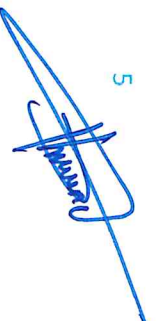
ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP TESTING OF A BOREHOLE 150 M DEEP AT KIBINGO BOREHOLE IN INOI WARD.

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.	Allow for mobilization setting up equipment (drilling rig, support truck and camping gear) ready for works and demobilization	L5	1		
B.	Drilling with minimum 12" bit from 0-10m deep from the existing ground level	M	10		
C.	Drilling with minimum 8" bit to a depth of 90m deep from the existing ground level	M	140		
D.	Allow for collection and sampling of drill cuttings at 2m interval	L5	1		
E.	Supply drilling foam	L5	1		
F.	Supply and install of surface casing	M	3		
G.	Supply and install 6" ms class 'B' plain casing	M	120		
H.	Supply and install 6" ms class 'B' slotted casing	M	30		
I.	Supply and install 2 to 5mm approved gravel pack filter in the annular 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	3		
K.	Avail test pumping equipment and test pump the borehole for 24 hours continuously recording the recovery measurements	HR	24		

4



L.	Allow for hydrogeological survey, environment impact assesment (EIA), WRMA fees	Ls	1		
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	Ls	1		
N.	Collect water samples (2 litres) to authorized competent testing laboratory for physical, chemical, and bacteriological analysis	Ls	1		
	Sub- Total				



C. ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP TESTING OF A BOREHOLE 150 M DEEP AT NDINDIRUKU BOREHOLE IN TEBERE WARD.

ESTIMATE FOR DRILLING, DEVELOPMENT AND PUMP TESTING OF A BOREHOLE 150 M DEEP AT NDINDIRUKU BOREHOLE IN TEBERE WARD.

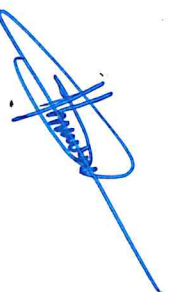
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.	Allow for mobilization setting up equipment (drilling rig, support truck and camping gear) ready for works and demobilization	L5			
B.	Drilling with minimum 12" bit from 0-10m deep from the existing ground level	M	10		
C.	Drilling with minimum 8" bit to a depth of 90m deep from the existing ground level	M	140		
D.	Allow for collection and sampling of drill cuttings at 2m interval	L5			
E.	Supply drilling foam	L5			
F.	Supply and install of surface casing	M	10		
G.	Supply and install 6" ms class 'B' plain casing	M	120		
H.	Supply and install 6" ms class 'B' slotted casing	M	30		
I.	Supply and install 2 to 5mm approved gravel pack filter in the annular 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	3		
K.	Avail test pumping equipment and test pump the borehole for 24 hours continuously recording the recovery measurements	HR	24		
L.	Allow for hydrogeological survey, environment impact assesment (EIA), WRMA fees	L5			

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	L5				
N.	Collect water samples (2 litres) to authorized competent testing laboratory for physical, chemical and bacteriological analysis	L5				
	Sub- Total					

OTHER RELATED WORKS

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

<u>ESTIMATE FOR DESIGN, FABRICATION, SUPPLY AND ERECTION OF 6M STEEL TOWER TO CARRY 10M³ PLASTIC TANK KIBINGO BOREHOLE IN INOI WARD.</u>					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.	Preparation of drawings for the above-described works	Ls.	1		
B.	Reinforced concrete foundation works in class 20 grade for the foundation base structure	Ls.	1		
C.	Construction of a 6m high water tower (sitting on a reinforced foundation) comprised of external access ladder, walkway with safety handrails	No	1		
D.	Tower assembly at the site	Ls	1		
E.	Tank emplacement works	Ls	1		
F.	Plumbing works to include all fitting i.e Gate valve, bends, nipples, unions etc	Ls.	1		
G.	Paint works on tower, aluminium to the tower externals	Ls	1		
H.	Transport of materials to the site of works	Ls.	1		
I.	Supply and install of 10m ³ plastic storage tank	Ls	1		
Sub- Total					



**E. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP
NDINDIRUKU BOREHOLE IN TEBERE WARD.**

**ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP
NDINDIRUKU BOREHOLE IN TEBERE WARD.**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.	Pedrollo pump end or equivalent able to pump 5m ³ /h with a head of 180m.	No	1		
B.	Pedrollo sub motor or equivalent	No	1		
C.	SV 2 4kw 3ph sunverter	No	1		
D.	6 mm ² X 4 pvc flat submersible drop cable	M	150		
E.	2.5mm X 2 core u/g cable	M	50		
F.	6 mm X 4 core u/g cable	M	50		
G.	Lonlex dual core cable	M	250		
H.	Twin flat 6 mm cable with earth	M	30		
I.	Copper earth cable 10mm	M	30		
J.	Dayliff 1½" standard 3m pipes	No	40		
K.	2" adaptor set	No	1		
L.	Dayliff 24 dc crystalline solar module or equivalent to power 3kw motor	No	1/5		
M.	Adaptor box 4*4*3	No	1		
N.	Pvc pipe 25mm diameter	No	30		
O.	Ydf-3 float switch	No	1		
P.	Solar structure	L/s			
Q.	PV Disconnect switch 1000 X 40	No	1		
R.	Well probe sensor	No	1		
S.	Earthrod c/w clamp	No	1		
T.	Pvc cooling sleeve 4"	No	1		
U.	Installation sundries	L/s			

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

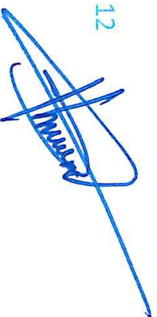


**F. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP
KIBINGO BOREHOLE IN INOI WARD.**

**ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP
KIBINGO BOREHOLE IN INOI WARD.**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.	Pedrollo pump end or equivalent able to pump 5m ³ /h with a head of 180m.	No	1		
B.	Pedrollo sub motor or equivalent	No	1		
C.	SV 2 4kw 3ph sunverter	No	1		
D.	6 mm ² X 4 pvc flat submersible drop cable	M	150		
E.	2.5mm X 2 core u/g cable	M	50		
F.	6 mm X 4 core u/g cable	M	50		
G.	Lonlex dual core cable	M	250		
H.	Twin flat 6 mm cable with earth	M	30		
I.	Copper earth cable 10mm	M	30		
J.	Dayliff 1½" standard 3m pipes	No	40		
K.	2" adaptor set	No	1		
L.	Dayliff 24 dc crystalline solar module or equivalent to power 3kw motor	No	1/5		
M.	Adaptor box 4*4*3	No	1		
N.	Pvc pipe 25mm diameter	No	30		
O.	Ydf-3 float switch	No	1		
P.	Solar structure on top of tank tower	L/s			
Q.	PV Disconnect switch 1000 X 40	No	1		
R.	Well probe sensor	No	1		
S.	Earthrod c/w clamp	No	1		
T.	Pvc cooling sleeve 4"	No	1		
U.	Installation sundries	L/s			
V.	WP dn 65 woltmann water meter	No	1		

W.	Transport, labour and installation	L5			
X.	Ball valve 2" std	No	1		
Y.	Construct water kiosk with natural building stones and fitted with burglar proof steel lockable door	L/s			
Z.	Lightening arrestor	No	1		
	Sub- Total				



G. ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP AT KIRIKO BOREHOLE GATHIGIRIRI WARD.

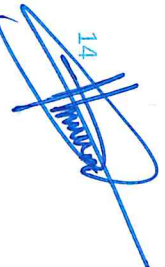
ESTIMATE FOR SUPPLY, DELIVER AND INSTALL SOLAR SUBMERSIBLE PUMP AT KIRIKO BOREHOLE GATHIGIRIRI WARD.

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.	Grundfos pump end or equivalent able to pump 7m ³ /h with a head of 120m.	No	1		
B.	Grundfos 4kw 5.5hp 3ph 4" sub motor or equivalent	No	1		
C.	SV 2 4kw 3ph sunverter	No	1		
D.	6 mm ² X 4 pvc flat submersible drop cable	M	120		
E.	2.5mm X 2 core u/g cable	M	50		
F.	6 mm X 4 core u/g cable	M	50		
G.	Londex dual core cable	M	250		
H.	Twin flat 6 mm cable with earth	M	30		
I.	Copper earth cable 10mm	M	30		
J.	Dayliff 1½" standard 3m pipes	No	35		
K.	2" adaptor set	No	1		
L.	Dayliff 24 dc crystalline solar module or equivalent to power 3kw motor	No	1/5		
M.	Adaptor box 4*4*3	No	1		
N.	Pvc pipe 25mm diameter	No	30		
O.	Ydf-3 float switch	No	1		
P.	Solar structure	L/s			
Q.	PV Disconnect switch 1000 X 40	No	1		
R.	Well probe sensor	No	1		
S.	Earthrod c/w clamp	No	1		
T.	Pvc cooling sleeve 4"	No	1		

U.	Installation sundries	L/s			
V.	WP dn 65 woltmann water meter	No	1		
W.	Transport, labour and installation	LS			
X.	Ball valve 2" std	No	1		
Y.	Lightening arrestor	No	1		
	Sub- Total				

SUMMARY		
S/No.	DESCRIPTION	AMOUNT QUOTED(Kshs.)
A.	KAMUCHEGE/BAHATI BOREHOLE IN GATHIGIRI WARD	
B.	KIBINGO BOREHOLE IN INO WARD	
C.	NDINDIRUKU BOREHOLE IN TEBERE WARD	
D.	WATER TOWER FOR KIBINGO BOREHOLE IN INOI	
E.	SOLAR SUBMERSIBLE PUMP - NDINDIRUKU BOREHOLE IN GATHIGIRIRI	
F.	SOLAR SUBMERSIBLE PUMP - KIBINGO BOREHOLE IN INOI WARD	
G.	SOLAR SUBMERSIBLE PUMP - KIRIKO BOREHOLE IN GATHIGIRIRI	
	Allow 5% supervision	
GRAND TOTAL TO BE CARRIED TO THE FORM OF TENDER		

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

14


Amount of Tender in words: -Kenya Shillings

.....
.....
Tenderer's Signature and Stamp.....

Address.....

Date.....

Witness Name and Signature.....

Address.....

Date.....

