



REPUBLIC
OF
KENYA



Poverty Reduction Through Sustainable NRM



MINISTRY OF ENVIRONMENT, WATER AND NATURAL RESOURCES
UPPER TANA NATURAL RESOURCES MANAGEMENT PROJECT (UTaNRMP)

TENDER NO: EBU/CC/35/2014-2015 for SUPPLY OF ELECTIC FENCING MATERIALS, PLASTIC AND WOODEN POSTS FOR MT. KENYA FOREST RESERVE AND NATIONAL PARK.

ADDENDUM AND AMMENDMENTS NO.1 OF 9/3/2014

Following the Pre-bid meeting held in the UTaNRMP office in Embu on Wednesday, 3rd September, 2014, the following are the amendments and addendum to the tender document:

1. Cover page

Closing date and time is hereby amended to read 18th September 2014, 10.00 A.M

2. Section A. Invitation to Tender

- a. Paragraph 5: is hereby deleted and is therefore not applicable.
- b. Para 7 is hereby amended to read:
“Tenders must be accompanied by a bid security of at least 2% of the total quoted amount of the lots or items, issued in the form of a bank insurance guarantee, letter of credit, guarantee from any deposit taking micro finance institution, sacco society or the youth/women enterprise fund.”
- c. Para 8
(iii) is amended to read,
“Certified audited accounts for year 2012 and 2013 or bank statement for the last 12 months”
(iv) is hereby added to read,
“Current CR 12 from registrar of companies or a copy of business registration certificate for sole proprietorship or the equivalent document for partnerships that clearly indicates the ownership of the companies”.
- d. Para 10
Is hereby amended to read,
“The completed tenders in plain sealed envelopes clearly marked “TENDER NO: ~ EBU/CC/35/2014-2015 for the Supply and Delivery of Electric Fence Materials, Plastic and Wooden Posts for Kenya Forest Reserve and National Park. Lot No.....(insert lot no.)” shall be addressed to:

The Project Coordinator,
P.O. Box 996-60100
Email:utanrmp@gmail.com
EMBU

and deposited into the **Tender Box** located at the **Embu County Commissioner's Office**, Embu so as to reach the above named address not later than **10.00 am on 19th September 2014**. Opening of the tenders will take place immediately thereafter in the County Commissioner's Boardroom in the presence of bidders' representatives who wish to attend".

3. Section B. Instructions to bidders

a. Para 23.3 is hereby amended to read as follows:

“The comparison shall be of the delivered price of the goods offered from within Kenya, such price to include all costs, as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods”.

4. a) Appendix to the General Instructions to tenderers, is hereby amended to read as follows:-

Table I: Appendix to General Instructions to Tenderers

Instructions to tenderers reference	Particulars of appendix to instructions to tenders
22.1: Preliminary Evaluation	<p>The Tenderer MUST submit as part of its bid, SAMPLES OF THE ITEMS they offer to supply which are returnable after awards. The sample requirements is as provided for in (b) below. The samples shall be dropped at the UTaNRMP office in Embu on or before the closing date and time.</p> <p>All documentation catalogues and Manufacturers' Authorizations MUST accompany the bid. KBS certificates MUST be attached.</p>
26.1: Award criteria	<p>The award will be made as follows: LOT 1 and 2, on ITEM-BY-ITEM basis LOTs 3, 4, 5 on a LOT-TO-LOT BASIS.</p> <p>The items are clearly shown in the schedule of requirements.</p>

(b)The REQUIREMENTS FOR SAMPLES is clarified as the table below:

Table II: Requirements for Samples

ITEM	DESCRIPTION	SAMPLE REQUIREMENTS
LOT 1		
1	Line Posts	1 METER POST
2	Strainer Posts	1 METER POST
LOT 2		
3	2.5mm HTS plain wire (25Kg and 650m long rolls)	1 METER WIRE
4	Soft Wire 4.0mm	1 METER WIRE
5	Tight Lock Mesh Wire, (100m long roll)	Sample
LOT 3		
6	Flood Gate Controller	sample
7	Porcelain reel Insulators	sample
8	Porcelain strain wires	sample
9	Ring fasteners (1000 fasteners per packet)	sample
10	W-Insulators	sample
11	Earth Pegs	sample
12	Under gate cables	sample
13	Lightening arrester	sample
LOT 4		
14	Energizer 16 joules stored energy	Brochures

ITEM	DESCRIPTION	SAMPLE REQUIREMENTS
15	Solar Panel 140 watts	Brochures
16	Solar Batteries 100AH	Brochures
17	Charge Regulators	Brochures
18	Hatari Signs	Brochures
19	Spring Gates	Brochures
20	Joint Clamps	Brochures
21	Cut Out Switch	Brochures
LOT 5		
22	Staples(U-Nails)	Samples
23	125mm Wire nails	Samples
24	Barbed wire, 300m long rolls	Samples
25	PVC pipes 25mm diameter	Samples

5. Section E. SCHEDULE OF REQUIREMENTS AND PRICE SCHEDULE (Inclusive of all taxes) is amended as below:

BILL OF QUANTITIES FOR 40KM OF MT KENYA FOREST RESERVE AND NATIONAL PARK FENCE MATERIALS IN LOTS

ITEM	DESCRIPTION	UNIT	QTY	RATE (Kshs.)	COUNTRY OF ORIGIN	DELIVERY PERIOD
	LOT 1					
1	Line Posts, wooden	No	4800			

ITEM	DESCRIPTION	UNIT	QTY	RATE (Kshs.)	COUNTRY OF ORIGIN	DELIVERY PERIOD
2	Strainer Posts, wooden	No	1200			
	Total					
	LOT 2					
3	2.5mm HTS plain wire (25Kg and 650m long rolls)	Rolls	500			
4	Soft Wire/Stay Wire 4.0mm	Mts	3000 0			
5	Tight Lock Mesh Wire, (100m long roll)	Rolls	400			
	Total					
	LOT 3					
6	Flood Gate Controller	No	16			
7	Porcelain reel Insulators	No	2000			
8	Porcelain strain wires	No	3200			
9	Ring fasteners (1000 fasteners per packet)	Pkts	200			
10	W-Insulators/Line Insulators	No	4480 0			
11	Earth Pegs	No	260			
12	Under gate cables	Rolls	10			
13	Lightening arrester/diverter	No	6			
	LOT 4					
14	Battery energizer not less than 16 joules stored energy.	No	6			
15	Solar Panel 140 watts	No	6			

ITEM	DESCRIPTION	UNIT	QTY	RATE (Kshs.)	COUNTRY OF ORIGIN	DELIVERY PERIOD
16	Solar Batteries 100AH	No	6			
17	Charge Regulators/controllers	No	6			
18	Hatari/ danger/warning Signs	No	400			
19	Spring Gates	No	20			
20	Joint Clamps	No	3200			
21	Cut Out Switch	No	8			
	Total					
	LOT 5					
22	Staples(U-Nails)	Kg	2000			
23	125mm Wire nails	Kg	2000			
24	Barbed wire	Rolls	40			
25	PVCconduit pipes 25mm diameter.	No	30			
	Total					

6. Section F. Technical Specifications is clarified as below:

Detailed Technical Specifications

MATERIAL SPECIFICATION FOR MT. KENYA FOREST RESERVE AND NATIONAL PARK FENCE

All materials to be used in fence construction must conform to the following specifications.

4.2.4.1 Posts

a) Wooden Posts-strainers

All wooden posts shall be of hardwood wattle, eucalyptus or equivalent pressure treated in creosote or celcured in copper tanalith to the chemical penetration of at least 1" (25mm). Size shall be at least 6-7" diameter, length 10ft

b) Wooden Posts-line posts

All wooden posts shall be of hardwood wattle or eucalyptus pressure treated in creosote or celcured in copper tanalith to the chemical penetration of at least 1" (25mm). Size shall be at least 5-6" diameter, length 10ft

c) Plastic Posts-line posts

All plastic posts shall be of hard plastic which conforms with the Kenya standards of BS 2782 on mechanical properties and BS 6233 on resistivity of solid electrical insulating materials.

- (i) Shall have tensile strength of not less than 20N/mm².
- (ii) Size shall be not less than 150mm diameter.

4.2.4.2 Wire

a) Plain Wire 2.5mm HTS

Plain wire to be used shall be:-

- (i) High tensile steel wire of steel class BS 1044 or BS 1065
- (ii) Size for live and earth wires shall be 2.5mm diameter with a tolerance of 0.02mm
- (iii) Shall have a tensile strength of 1200-1400N
- (iv) Shall have a weight of zinc coating of not less than 280gm/m².Gauge 12.5

b) Plain wire HTS 1.6mm diameter.

Plain wire to be used shall be:-

- (i) High tensile steel wire of steel class BS 1044 or BS 1065.
- (ii) Size for baboon proof wires shall be 1.6mm diameter with a tolerance of 0.02mm
- (iii) Shall have a tensile strength of 1200-1400N
- (iv) Shall have a weight of zinc coating of not less than 280gm/m². Gauge 12.5
- (v) Gauge 12.5

b) Soft/ Stay Wire

- (i) Shall be of mild steel wire
- (ii) Shall have weight of zinc coating of not less than 280gm/m²
- (iii) Size shall be **4.0mm** diameter mainly used for stay and cross wire on a strainer assembly

c) Lead Wire (under gate cables)

- (i) Shall be double insulated in tough polyethylene insulating material
- (ii) Shall have a lead wire of 1.6mm diameter
- (iii) Shall have a lead wire of copper or aluminium
- (iv) Shall have resistance of 350 ohms per km

d) TIGHT LOCK Mesh Wire

- (i) Size of wires – 2.5mm(nominal diameter)
- (ii) High Tensile Steel Class BS 1044, or BS.1065
- (iii) 280gm/m² weight of zinc coating of wires
- (iv) Tensile Strength 1200-1400N/m²
- (v) Mesh size 100-150mm

4.2.4.3 Nails

Nails shall be heavily galvanized wire nails.

Staples (U-nails) shall be:

- (i) Heavily galvanized
- (ii) Long shank
- (iii) 2 inch
- (iv) Hot dipped.

4.2.4.4 Insulator

a) Line Insulators

- (i) W-Insulators
- (ii) Polyethylene material
- (iii) Open-face for good drainage
- (iv) With holes for anchoring staples
- (v) Made of UV protected PVC material

b) Strain end Insulators

- (i) Bull nose type
- (ii) Porcelain material
- (iii) Fire resistant
- (iv) Long tracking distance
- (v) High quality glaze finish

c) Corner and Line Insulator

- (i) Reel round Insulator
- (ii) Porcelain material
- (iii) Fire resistant
- (iv) High quality glaze finish

4.2.4.5 Energizers

a) Solar Powered energizers

- (i) Shall be fully modular
- (ii) 16 joules stored energy
- (iii) In built lightning protection

b) Electric Mains Powered Energizer

- (i) Shall be fully modular
- (ii) 40joules stored energy
- (iii) In built lightening protection
- (iv) Remote controlled stopping for ease of fence maintenance

4.2.4.6 Others

a) Lightning Diverter/arrester

At all places where energizers are installed there shall be a lightning diverter

- (i) Standard Lightening diverter is completed with spiral wire earthing system connection
- (ii) Not less than 30amps

b) Earth peg

- (i) 2mx20mm diameter GI pipe class C
- (ii) With a heavily galvanized joint clamp 200mm below the upper tip.

c) Solar Panel

- (i) Shall be mono crystalline type.
- (ii) 140 watts

d) Solar Battery

- (i) 12 volts
- (ii) Heavy duty
- (iii) Deep cycle
- (iv) Rechargeable/maintenance free
- (v) 100AH

e) Charge Controller/regulator

- (i) Not less than 30amps

f) Hatari/ Warning/Danger signs

- (i) Shall be made of UV protected PVC plate
- (ii) Size 200mmx100mm
- (iii) Colour shall be bright yellow
- (iv) Inscription written in black ELECTRIC FENCE
- (v) Eligible with lettering not less than 25mm in height
- (vi) A legal requirement for all electric installations

g) Spring Gates

- (i) Shall be bright coloured spiral wire (white)

- (ii) Shall have Plastic bright coloured handle

h) Joint Clamp

- (i) Shall be made of aluminium
- (ii) Or mild steel heavily galvanized
- (iii) With space for wire grip

i) Barbed wire

- (i) heavily galvanized
- (ii) gauge 12.5
- (iii) big roll
- (iv) 25 kg

j) Cut Out switch for electric fencing

- (i) Single live wire

7. SECTION G: (II) BUSINES QUESTIONNAIRE IS AMEMNDED AS BELOW:

B: ELIGIBILITY

Para 2.5: deleted

SECTION I: FORM OF CONTRACT

Para 1: items b, c, d, and i deleted

BIDDERS ARE INFORMED THAT THIS ADDENDUM AND AMEMDMENTS FORMS PART OF THE TENDER DOCUMENTS