

INTERNATIONAL CALL FOR TENDER ACTED Kenya

Date: 07-02-2020

Tender N°: T/24DUF/47F/BRH/07-02-2020/002

ACTED is requesting through this tender a company to provide detailed written quotations for the supply of the following services/works:

PRODUCT SPECIFICATIONS:

- | | |
|------------------------------------|---|
| 1. Description: | Borehole Rehabilitation |
| 2. Product class / category: | Works/Services |
| 3. Made in (product origin): | Local/Various |
| 4. INCOTERM (delivery conditions): | DDP Samburu Central, Samburu East and Samburu North |
| 5. Quantity/unit: | As per Offer Form |

RESPONSIBILITIES OF THE CONTRACTOR:

- | | |
|----------------------------|--|
| 1. Date of delivery: | 45 days after signature of the contract per borehole |
| 2. Validity of the offer: | 3 months or more (Recommended) |
| 3. Defect liability period | 12 months or more (Recommended) |

The answers to this tender should include the following elements:

- A written quotation including all the product specifications, the price per unit, quantity proposed, unit, and total price, in **KES (compulsory)** including all taxes.
- The bidder's checklist filled in and signed.
- The national ID or passport copy of the company legal representative,
- Attach company registration documents i.e. certificates of incorporation, NCA (at least NCA 7 category-water works), business permit as proof of active business operation in a given location, Tax compliance certificate and pin certificate.
- Evidence of financial capacity by attaching certified company audited financial reports and bank statements within 6 months
- Contacts and reference letters of 3 Governmental or Non-governmental organizations that have recently (preferably the last 3 years) contracted your company to carry out similar works.
- Prove of past experiences in similar works
- List of the vehicles/technical items own/rent by the company

GENERAL CONDITIONS:

1. The **closing date** of this tender is fixed on **28/02/2020 at 4:00 pm (Kenya time)** in ACTED office at the following address:
Kalamu House, Grevillea Grove, off Brookside Drive, Westlands- Nairobi (Kenya)
2. Tenderers will fill, sign, stamp and return the Offer form according to ACTED's format.
3. Tenderers will sign and return all pages of the Product Specifications for which they apply.
4. The offer to the call for tender will not result in the award of a contract.
5. The original offer (no copies) must be submitted to ACTED purchase department in a sealed envelope with the mention "not to be opened before **02/03/2020**" and tender reference, or by E-mail at kenya.tender@acted.org, cc tender@acted.org with the tender reference as subject line. Bids over 10mbs can be shared through a compressed file.

NOTE: for ecological reasons, ACTED Kenya deeply encourages suppliers to send their bid by E-mail.



6. Unsealed envelope handed in by hand at ACTED office and late offers will not be considered.
7. ACTED reserves the right to award a single lot to contractor
8. To ensure that funds are used exclusively for humanitarian purposes and in accordance with donors' compliance requirements, all contract offers are subject to the condition that contractors do not appear on anti-terrorism lists, in line with ACTED's anti-terrorism policy. To this end, ACTED reserves the right to carry out anti-terrorism checks on contractor, its board members, staff, volunteers, consultants, financial service providers and sub-contractor.

NOTE: ACTED adopts a zero tolerance approach towards corruption and is committed to respecting the highest standards in terms of efficiency, responsibility and transparency in its activities. In particular, ACTED has adopted a participatory approach to promote and ensure transparency within the organization and has set up a Transparency focal point (Transparency Team supervised by the Director of Audit and Transparency) via a specific e-mail address. As such, if you witness or suspect any unlawful, improper or unethical act or business practices (such as soliciting, accepting or attempting to provide or accept any kickback) during the tendering process, please send an e-mail to transparency@acted.org.

Company Name: _____

Authorized Representative Name: _____

Signature: _____

Stamp:



Date: 07-02-2020

Tender N°: T/24DUF/47F/BRH/07-02-2020/002

To be Filled by Bidder (COMPULSORY)

1. Company Name: (_____)
2. Company Authorized Representative Name: (_____)
3. Company Registration No: (_____)
No/Country/ Ministry
4. Company Specialization: (_____)
5. Mailing Address: (_____)
Country/Governorate./City/St name/Shop-Office No
 - a. Contact Numbers: (Land _____ / Mobile No: _____)
 - b. E-mail Address: (_____)

I _____ undersigned _____
agree to provide ACTED, non-profit NGO, with items answering the following specifications, according to the general conditions and responsibilities that I engage myself to follow.

PLEASE FILL IN THE FOLLOWING TABLE CORRESPONDING TO BOREHOLE REHABILITATION;

Bidders can submit offer for only some of the batches (One minimum). Suppliers must bid for all the items of one batch to be considered technically fit on availability criteria during the selection process.

Batch 1 REHABILITATION / IMPROVEMENT OF NACHOLA BOREHOLE IN SAMBURU NORTH

BOREHOLE CONDITIONS:	
Borehole Depth:	254.00m
Minimum Borehole Diameter:	152mm
Static Water Level:	14.40 m
Pumping Water Level:	19.60m
Test Pump Output,Qt:	5.40 m3/hr
Design Output:	3.78 m3/hr
Pump Inlet Depth:	195.00 m

ITEM N°	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Borehole flushing	1	Ls		
4	Supply Grundfos SP 5-60 pump or equivalent compete with a 5.5 kw/7.5hp three phase motor	1	no.		
5	Well probe sensor	1	no.		
6	Londex probe sensor cable	400	m		
7	4.0mm2 x 4 Core Submersible Drop Cable	200	m		
8	4.0mm2 x 4 Core U/G Cable	30	m		
9	2" borehole PVC pipes (3m Length)	65	no.		
10	2" Adaptor Set	1	no.		

ITEM N°	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
11	25mm Airline pipes	35	no.		
12	Splicing Kit	1	no.		
13	2" x 6" Borehole Cover c/w Sundries	1	no.		
14	1.5mm ² x 2 Core U/G Cable	50	m		
15	Float switch	1	no.		
16	6mm ² x 1 Core Earth Cable	15	m		
17	Earth Rod c/w Clamp	1	no.		
18	4.0 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
19	Installation accessories	1	no.		
20	Installation Labour charges- wiring	1	no.		
21	Installation using the movable gantry	1	Ls		
22	Mobilization to and from site	1	Ls		
23	315w crystalline solar module (Note: The Qty indicated is provisional and may be revised downwards if existing modules are functional)	26	no		
24	Sun verter 3.7kw	1	no		
25	MS ground mount structure	3	no		
26	Twin flat 2.5mm cable with earth	40	m		
27	PV Disconnect	1	no		
28	Supply and install a Generator 20 KVA	1	no.		
CONSTRUCTION OF A GENERATOR HOUSE					
29	Construct generator room of internal size 5.0Ml x4.0MLx2.4MH.It shall have burglar proof steel door (2.0mm thick plates) with heavy duty stainless steel padlock, 2No. Burglarproof windows installed in the windward direction, pitched roof with D8 square ceiling steel fabric for protection against vandalism. The finished floor shall be 200mm above the highest recoded Elnino flood level at the site. The floor slab shall be BRD140:1:2:4 and 200mm thick, while the generator plinth shall be D8:1:2:4, 100mm above finished floor level.	LS	SUM		
BOREHOLE PROTECTION CHAMBER					

ITEM N°	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
30	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		
30M³ CAPACITY MASONRY TANK					
Excavation & Earth Works					
31	General excavation to remove top soil to an average depth of 250mm	3.5	m³		
32	General Excavation for foundation depth not exceeding 500mm	6.5	m³		
33	Cart away surplus excavated material & deposit at recommended area	10	m³		
34	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	4	m²		
Masonry Work					
35	150 x225X 250mm natural stone to walling in 1:3 sand/cement mortar finished with steel finished on one side.	228	m		
Concrete Work					
36	Reinforced concrete grade 25/20 - 150mm thick floor slab	2	m³		
37	Reinforced concrete grade 25/20 - in 800 X 800mm X200mm THK sump	0.15	m³		
38	Reinforced concrete grade 25/20 - 150mm thick floor slab	2	m³		
39	Reinforced concrete grade 15 in support to access ladder	0.15	m³		
Concrete Ancillaries					
Formwork					
40	Provide cut and fix in position sawn timber formwork or equivalent.				
a	edges ground slab 150mm wide	8	m		
b	Sump edges, 200mm Deep	2	m		
c	Edges of roof slab 150mm THK	13	m		
d	Underneath roof slab, including props	13	m²		

ITEM N°	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
Reinforcement					
41. Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats					
a	8mm diameter high tensile steel (0.42kg/m ²) in floor slab	400	m		
b	10mm diameter high tensile steel (0.62kg/m ²) in offtake sump	30	m		
c	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	250	m		
d	8mm diameter mild steel (0.40kg/m) in roof masonry walling	350	m		
e	8mm diameter mild steel (0.40kg/m) in roof masonry walling	350	m		
Pipes and Fittings					
42	All pipes to be Galvanized Iron with Screw				
a	100mm Diameter, 90° GI bend	4	No.		
b	100mm Diameter barrel nipple	1	No.		
c	100mm GI Socket	8	No.		
d	100mm Diameter Flange	4	No.		
e	100mm Gate Valve	3	No.		
f	50mm Float valve complete with 50/25mm Reducer fittings	1	No.		
g	50mm Peglar or approved Water Meter Completer with all 50.25mm reducer fittings	2	No.		
Finishes					
43	Pointing to all External wall surfaces with cement sand mortar 1:2	33	m ²		
44	Apply plastering to internal wall surfaces, mortar mixer 2:1 (cement sand) mixed in waterproofing cement/admixture	33	m ²		
45	Cement wash to external wall surface	33	m ²		
46	Provide 3 coats of bituminous paint to all exposed concreted faces	33	m ²		
47	Bondex Joint to masonry walling	33	m		
Miscellaneous					

ITEM N°	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
48	Provide 2No Vent pipes using 50mm GI pipes	2	No.		
49	Allow for 450 X 450mm Access on roof slab	1	No.		
50	Provide and install 75mm wide roof access ladder proper secured to the tank wall as directed	1	m		
51	Provides heavy duty lockable manhole cover to roof slab access chamber	1	m		
52	Provide material and construct masonry chamber 1.0 X1.0 X1.2m	2	No.		
WATER KIOSK REHABILITATION					
53	Supply and fix 1 No. steel door and 1 No. steel window	LS	sum		
54	Provide for re plastering of inner and outer walls	22	m ²		
55	Pour concrete slab (1.4m lengthx0.5m widthx0.2m height) in the front kiosk face and provide PVC drain pipe with associated fittings to direct waste water to soak away pit	1	LS		
56	Excavate 1.0mx1.0m soak away pit to a depth of 2m, backfill fill with boulders, cover with polyethylene sheet and pour concrete mix as directed by engineer	1	LS		
57	Supply and fix a standard water meter	1	No.		
58	Supply and fix 3 No. taps type Peglar with associated fittings (i.e. 3/4 GI pipe connecting the taps to the meter and inlet pipe)	1	LS		
59	Provide for painting of inner and outer walls as directed by the engineer	22	m ²		
PIPELINE & FITTINGS					
60	Supply and deliver to site HDPE pipes 1.5", 6 bar pressure	1500	m		
61	Connection fittings and sundries for HDPE pipe work	LS	SUM		
62	Excavation of pipeline and back filling	1500	m		
63	Construct 3 No standard valve chamber with steel covers and supply and fix 3 No. Air valve type peglar	3	No		
64	Laying of HDPE pipeline	1500	m		
65	Supply and erect concrete water line (WL) marker posts at intervals of 200m along the pipeline	10	No.		
FENCING					

ITEM N°	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
66	Fencing of the borehole area with an area of 20m by 20m (at least 7 feet high steel angle lines of 60mmx60mm by 60mm thickness mortised with concrete with 3 strands of barbed wire fastened all around, and 1.8m high chain link all around). Provide for concrete stone pitching to fasten the chain link to the ground	1	Ls		
BRANDING					
67	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL Batch 1 NACHOLA Borehole in KES inclusive of All taxes				Kes	

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



T/24DUF/47F/BRH/07-02-2020/002

BIDDER'S TERMS AND CONDITIONS:

1. Valid of the offer: _____ (recommended: 3 months or more)
2. Terms of delivery: _____ (DDP Nachola, Samburu North)
3. Terms of payment: _____

Batch 2 REHABILITATION / IMPROVEMENT OF BARSALOI BOREHOLE IN SAMBURU EAST

BOREHOLE CONDITIONS:	
Borehole Depth:	37.7m
Minimum Borehole Diameter:	152mm
Static Water Level:	9.00m
Pumping Water Level:	18.23m
Test Pump Output,Qt:	18.00 m3/hr
Design Output:	12.60 m3/hr
Pump Inlet Depth:	36.00m

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Supply Grundfos SP 9-16 pump or equivalent compete with a 3.0 kw/4.0hp three phase motor	1	no.		
4	Well probe sensor	1	no.		
5	Londex probe sensor cable	90	m		
6	1.5mm2 x 4 Core Submersible Drop Cable	45	m		
7	1.5mm2 x 4 Core U/G Cable	30	m		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
8	2" borehole PVC pipes (3m Length)	14	no.		
9	2" Adaptor Set	1	no.		
10	25mm Airline pipes	8	no.		
11	Splicing Kit	1	no.		
12	2" x 6" Borehole Cover c/w Sundries	1	no.		
13	1.5mm ² x 2 Core U/G Cable	50	m		
14	Float switch	1	no.		
15	6mm ² x 1 Core Earth Cable	15	m		
16	Earth Rod c/w Clamp	1	no.		
17	4.0 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
18	Installation accessories	1	no.		
19	Installation Labour charges- wiring	1	no.		
20	Installation using the movable gantry	1	Ls		
21	Mobilization to and fro site	1	Ls		
22	315w crystalline solar module	14	no		
23	Sunverter 3.7kw	1	no		
24	MS ground mount structure	3	no		
25	Twin flat 2.5mm cable with earth	40	m		
26	PV Disconnect	1	no		
BOREHOLE PROTECTION CHAMBER					
27	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		
WATER KIOSK 1					
28. Excavation & Earth Works					
A	General excavation to remove top soil to an average depth of 250mm	m ²	17		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
B	Excavation for wall footing depth not exceeding 1200mm deep	m ³	5.5		
C	Excavation for front area depth not exceeding 250mm	m ³	4.5		
D	Cart away surplus excavated material & deposit at recommended area	m ³	2.5		
E	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	m ²	11		
F	Gauge 1000 polythene Damp proof on 50mm murrum blinding	m ²	11		
29. Masonry Work					
A	150 x225X 450mm natural stone to walls to superstructures walling in 1:3 sand/cement mortar finished with steel finished on one side. Rate to included mild all reinforcement at every course	m ²	16		
B	150 x225 X 450 natural stone to walls to Substructures walling in 1:3 sand/cement mortar. Rate to included mild all reinforcement at every course	m ²	12		
C	6" x 8" X 8" Concrete ventilation blocks	no.	20		
D	150mm wide DPM to walls	m	9.5		
30. Concrete Work					
A	Concrete grade 15/20 - 400 mm thick Plinth	m ³	0.3		
B	Concrete grade 15/20 - 100mm thick slanting front area	m ³	0.6		
C	Reinforced concrete grade 25/20 - 125mm thick floor slab	m ³	1.2		
E	Reinforced concrete grade 25/20 - 450 X 250mm footing	m ³	1.1		
G	Concrete grade 15/20 - to catch pit base slab	m ³	0.05		
H	Reinforced concrete grade 25/20 - 600x600x200mm column footing	m ³	0.08		
I	Reinforced concrete grade 25/20 - 300 X 200mm columns	m ³	0.5		
J	Reinforced concrete grade 25/20 in 150mm Thk roof slab	m ³	2		
K	Reinforced concrete grade 25/20 in 300mm X 150Thk ring beam	m ³	0.7		
Concrete Ancillaries					
Formwork					
31. Provide cut and fix in position sawn timber formwork or equivalent.					

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
A 1	side of foundation footing 150mm wide	m	20		
A 2	edges ground slab 125mm wide	m	10		
B	Side of lintel 20mm deep	m	2		
C	Edge of 400mm deep plinth	m	4.5		
D	Edges of roof slab	m	10		
E	Underneath roof slab, including props	m ²	6		
F	Edges of ring beam	m	20		
Reinforcement					
32. Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats					
A	Mesh 142 mild steel reinforcement mesh (0.40kg/m ²) in foundation wall	m ²	15		
B	10mm diameter high tensile steel (0.62kg/m ²) in foundation wall	m	45		
C	8mm diameter mild steel (0.40kg/m) in foundation wall	m	130		
D	12mm diameter high tensile steel (0.89kg/m) in ring beam	m	40		
E	8mm diameter mild steel (0.40kg/m) in ring beam	m	35		
F	12mm diameter high tensile steel (0.89kg/m) in column footing	m	45		
G	12mm diameter high tensile steel (0.89kg/m) in columns	m	40		
H	8mm diameter mild steel (0.40kg/m) in columns	m	35		
I	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	m	130		
Fittings and Fixtures					
33. Door & Windows					
A	2000 X 1000 steel door including locks and hinges to details	No	1		
B	1000 X 1000 steel swing window including locks and hinges to details	No	1		
34. Pipes and Fittings					
<i>All pipes to be Galvanized Iron and Threaded</i>					

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
A	32mm inlet pipe	m	10		
B	32mm dia. Elbows	No.	4		
C	32mm dia. Valve sockets	No.	2		
D	32mm dia. Gate Valve as Peglar	No.	2		
E	32 X 20 mm Reducing Tee	No.	4		
F	32mm end plug	No.	1		
G	32mm union	No.	4		
H	32mm short nipple	No.	2		
I	20mm union	No.	4		
J	20mm short nipple	No.	8		
K	20mm Globe Valve	No.	4		
L	20mm elbow	No.	4		
M	32mm Peglar or approved Water Meter	No.	2		
35. Finishes					
A	Pointing to all External wall surfaces with cement sand mortar 1:2	m ²	22		
B	Apply plastering to lintel surfaces	m ²	0.4		
C	Apply plastering to all wall faces	m ²	16		
D	Provide three coats of gloss paint to all plastered wall faces	m ²	16		
E	Provide 3 coats of bituminous paint to all exposed concreted faces	m ²	0.4		
36. Drainage and Water Supply					
A	Excavate for 400mm square X 900mm catch pit to detail	No.	1		
B	Excavate for 1000mm square X 1500mm soak pit as detailed	No.	1		
C	4" X 8 X 18" lining block to the site of the catch pit	m	2.4		
D	100mm thick mass concrete for catch pit base slab	m ²	0.4		
E	Mass concrete to the soak pit cover slab	m ³	0.3		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
F	Catch pit grating made from welded to form 25mm square mesh on 50mm steel frame	No.	1		
G	Graded approved free draining hard-core/rubble stone filling the soak pit	m ³	2		
H	225mm Dia. Precast Concrete drainage pipes	m	6		
WATER KIOSK 2					
37. Excavation & Earth Works					
A	General excavation to remove top soil to an average depth of 250mm	m ²	17		
B	Excavation for wall footing depth not exceeding 1200mm deep	m ³	5.5		
C	Excavation for front area depth not exceeding 250mm	m ³	4.5		
D	Cart away surplus excavated material & deposit at recommended area	m ³	2.5		
E	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	m ²	11		
F	Gauge 1000 polythene Damp proof on 50mm murrum blinding	m ²	11		
38. Masonry Work					
A	150 x225X 450mm natural stone to walls to superstructures walling in 1:3 sand/cement mortar finished with steel finished on one side. Rate to included mild all reinforcement at every course	m ²	16		
B	150 x225 X 450 natural stone to walls to Substructures walling in 1:3 sand/cement mortar. Rate to included mild all reinforcement at every course	m ²	12		
C	6" x 8" X 8" Concrete ventilation blocks	no.	20		
D	150mm wide DPM to walls	m	9.5		
39. Concrete Work					
A	Concrete grade 15/20 - 400 mm thick Plinth	m ³	0.3		
B	Concrete grade 15/20 - 100mm thick slanting front area	m ³	0.6		
C	Reinforced concrete grade 25/20 - 125mm thick floor slab	m ³	1.2		
E	Reinforced concrete grade 25/20 - 450 X 250mm footing	m ³	1.1		
G	Concrete grade 15/20 - to catch pit base slab	m ³	0.05		
H	Reinforced concrete grade 25/20 - 600x600x200mm column footing	m ³	0.08		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
I	Reinforced concrete grade 25/20 - 300 X 200mm columns	m ³	0.5		
J	Reinforced concrete grade 25/20 in 150mm Thk roof slab	m ³	2		
K	Reinforced concrete grade 25/20 in 300mm X 150Thk ring beam	m ³	0.7		
Concrete Ancillaries					
Formwork					
40	Provide cut and fix in position sawn timber formwork or equivalent.				
A	side of foundation footing 150mm wide	m	20		
	edges ground slab 125mm wide	m	10		
B	Side of lintel 20mm deep	m	2		
C	Edge of 400mm deep plinth	m	4.5		
D	Edges of roof slab	m	10		
E	Underneath roof slab, including propos	m ²	6		
F	Edges of ring beam	m	20		
Reinforcement					
41	Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats				
A	Mesh 142 mild steel reinforcement mesh (0.40kg/m ²) in foundation wall	m ²	15		
B	10mm diameter high tensile steel (0.62kg/m ²) in foundation wall	m	45		
C	8mm diameter mild steel (0.40kg/m) in foundation wall	m	130		
D	12mm diameter high tensile steel (0.89kg/m) in ring beam	m	40		
E	8mm diameter mild steel (0.40kg/m) in ring beam	m	35		
F	12mm diameter high tensile steel (0.89kg/m) in column footing	m	45		
G	12mm diameter high tensile steel (0.89kg/m) in columns	m	40		
H	8mm diameter mild steel (0.40kg/m) in columns	m	35		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
I	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	m	130		
Fittings and Fixtures					
42. Door & Windows					
A	2000 X 1000 steel door including locks and hinges to details	No	1		
B	1000 X 1000 steel swing window including locks and hinges to details	No	1		
43. Pipes and Fittings					
	<i>All pipes to be Galvanized Iron and Threaded</i>				
A	32mm inlet pipe	m	10		
B	32mm dia. Elbows	No.	4		
C	32mm dia. Valve sockets	No.	2		
D	32mm dia. Gate Valve as Peglar	No.	2		
E	32 X 20 mm Reducing Tee	No.	4		
F	32mm end plug	No.	1		
G	32mm union	No.	4		
H	32mm short nipple	No.	2		
I	20mm union	No.	4		
J	20mm short nipple	No.	8		
K	20mm Globe Valve	No.	4		
L	20mm elbow	No.	4		
M	32mm Peglar or approved Water Meter	No.	2		
44. Finishes					
A	Pointing to all External wall surfaces with cement sand mortar 1:2	m ²	22		
B	Apply plastering to lintel surfaces	m ²	0.4		
C	Apply plastering to all wall faces	m ²	16		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
D	Provide three coats of gloss paint to all plastered wall faces	m ²	16		
E	Provide 3 coats of bituminous paint to all exposed concreted faces	m ²	0.4		
45. Drainage and Water Supply					
A	Excavate for 400mm square X 900mm catch pit to detail	No.	1		
B	Excavate for 1000mm square X 1500mm soak pit as detailed	No.	1		
C	4" X 8 X 18" lining block to the site of the catch pit	m	2.4		
D	100mm thick mass concrete for catch pit base slab	m ²	0.4		
E	Mass concrete to the soak pit cover slab	m ³	0.3		
F	Catch pit grating made from welded to form 25mm square mesh on 50mm steel frame	No.	1		
G	Graded approved free draining hard-core/rubble stone filling the soak pit	m ³	2		
H	225mm Dia. Precast Concrete drainage pipes	m	6		
WATER KIOSK 3					
46. Excavation & Earth Works					
A	General excavation to remove top soil to an average depth of 250mm	m ²	17		
B	Excavation for wall footing depth not exceeding 1200mm deep	m ³	5.5		
C	Excavation for front area depth not exceeding 250mm	m ³	4.5		
D	Cart away surplus excavated material & deposit at recommended area	m ³	2.5		
E	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	m ²	11		
F	Gauge 1000 polythene Damp proof on 50mm murrum blinding	m ²	11		
47. Masonry Work					
A	150 x225X 450mm natural stone to walls to superstructures walling in 1:3 sand/cement mortar finished with steel finished on one side. Rate to included mild all reinforcement at every course	m ²	16		
B	150 x225 X 450 natural stone to walls to Substructures walling in 1:3 sand/cement mortar. Rate to included mild all reinforcement at every course	m ²	12		
C	6" x 8" X 8" Concrete ventilation blocks	no.	20		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
D	150mm wide DPM to walls	m	9.5		
48. Concrete Work					
A	Concrete grade 15/20 - 400 mm thick Plinth	m ³	0.3		
B	Concrete grade 15/20 - 100mm thick slanting front area	m ³	0.6		
C	Reinforced concrete grade 25/20 - 125mm thick floor slab	m ³	1.2		
E	Reinforced concrete grade 25/20 - 450 X 250mm footing	m ³	1.1		
G	Concrete grade 15/20 - to catch pit base slab	m ³	0.05		
H	Reinforced concrete grade 25/20 - 600x600x200mm column footing	m ³	0.08		
I	Reinforced concrete grade 25/20 - 300 X 200mm columns	m ³	0.5		
J	Reinforced concrete grade 25/20 in 150mm Thk roof slab	m ³	2		
K	Reinforced concrete grade 25/20 in 300mm X 150Thk ring beam	m ³	0.7		
Concrete Ancillaries					
Formwork					
49	Provide cut and fix in position sawn timber formwork or equivalent.				
A	side of foundation footing 150mm wide	m	20		
	edges ground slab 125mm wide	m	10		
B	Side of lintel 20mm deep	m	2		
C	Edge of 400mm deep plinth	m	4.5		
D	Edges of roof slab	m	10		
E	Underneath roof slab, including propos	m ²	6		
F	Edges of ring beam	m	20		
Reinforcement					
50. Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats					
A	Mesh 142 mild steel reinforcement mesh (0.40 kg/m ²) in foundation wall	m ²	15		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
B	10mm diameter high tensile steel (0.62kg/m ²) in foundation wall	m	45		
C	8mm diameter mild steel (0.40kg/m) in foundation wall	m	130		
D	12mm diameter high tensile steel (0.89kg/m) in ring beam	m	40		
E	8mm diameter mild steel (0.40kg/m) in ring beam	m	35		
F	12mm diameter high tensile steel (0.89kg/m) in column footing	m	45		
G	12mm diameter high tensile steel (0.89kg/m) in columns	m	40		
H	8mm diameter mild steel (0.40kg/m) in columns	m	35		
I	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	m	130		
Fittings and Fixtures					
51. Door & Windows					
A	2000 X 1000 steel door including locks and hinges to details	No	1		
B	1000 X 1000 steel swing window including locks and hinges to details	No	1		
52. Pipes and Fittings (All pipes to be Galvanized Iron and Threaded)					
A	32mm inlet pipe	m	10		
B	32mm dia. Elbows	No.	4		
C	32mm dia. Valve sockets	No.	2		
D	32mm dia. Gate Valve as Peglar	No.	2		
E	32 X 20 mm Reducing Tee	No.	4		
F	32mm end plug	No.	1		
G	32mm union	No.	4		
H	32mm short nipple	No.	2		
I	20mm union	No.	4		
J	20mm short nipple	No.	8		
K	20mm Globe Valve	No.	4		
L	20mm elbow	No.	4		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
M	32mm Peglar or approved Water Meter	No.	2		
53. Finishes					
A	Pointing to all External wall surfaces with cement sand mortar 1:2	m ²	22		
B	Apply plastering to lintel surfaces	m ²	0.4		
C	Apply plastering to all wall faces	m ²	16		
D	Provide three coats of gloss paint to all plastered wall faces	m ²	16		
E	Provide 3 coats of bituminous paint to all exposed concreted faces	m ²	0.4		
54. Drainage and Water Supply					
A	Excavate for 400mm square X 900mm catch pit to detail	No.	1		
B	Excavate for 1000mm square X 1500mm soak pit as detailed	No.	1		
C	4" X 8 X 18" lining block to the site of the catch pit	m	2.4		
D	100mm thick mass concrete for catch pit base slab	m ²	0.4		
E	Mass concrete to the soak pit cover slab	m ³	0.3		
F	Catch pit grating made from welded to form 25mm square mesh on 50mm steel frame	No.	1		
G	Graded approved free draining hard-core/rubble stone filling the soak pit	m ³	2		
H	225mm Dia. Precast Concrete drainage pipes	m	6		
55. PIPE LAYING & FITTINGS					
A	Supply and deliver to site HDPE pipes 1.5", 6 bar pressure	2000	m		
B	Connection fittings and sundries for HDPE pipe work	LS	SUM		
C	Excavation of pipeline and back filling	2000	m		
D	Laying of HDPE pipeline	2000	m		
E	Construct 3 No standard valve chamber with steel covers and supply and fix 3 No. Air valve type peglar	3	No		
F	Supply and erect concrete water line (WL) marker posts at intervals of 200m along the pipeline	12	No.		
FENCING					



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ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
56	Fencing of the borehole area with an area of 20m by 20m (at least 7 feet high steel angle lines of 60mmx60mm by 60mm thickness mortized with concrete with 3 strands of barbed wire fastened all around, and 1.8m high chain link all around). Provide for concrete stone pitching to fasten the chain link to the ground	1	Ls		
BRANDING					
57	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL (Batch 2) BARSALOI Borehole in KES inclusive of All taxes				Kes.	

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Batch 3 REHABILITATION / IMPROVEMENT OF WAMBA TOWN BOREHOLE IN SAMBURU EAST
BOREHOLE CONDITIONS

Borehole Depth:	55.50m
Minimum Borehole Diameter:	152mm
Static Water Level:	7.0m
Pumping Water Level:	22.46m
Test Pump Output,Qt:	7.20 m3/hr
Design Output:	6.3 m3/hr
Pump Inlet Depth:	51.00m

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Supply Grundfos SP 9-16 pump or equivalent compete with a 3.0 kw/4.0hp three phase motor	1	no.		
4	Well probe sensor	1	no.		
5	Londex probe sensor cable	110	m		
6	1.5mm2 x 4 Core Submersible Drop Cable	55	m		
7	1.5mm2 x 4 Core U/G Cable	30	m		
8	2" borehole PVC pipes (3m Length)	17	no.		
9	2" Adaptor Set	1	no.		
10	25mm Airline pipes	10	no.		
11	Splicing Kit	1	no.		
12	2" x 6" Borehole Cover c/w Sundries	1	no.		
13	1.5mm2 x 2 Core U/G Cable	50	m		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
14	Float switch	1	no.		
15	6mm ² x 1 Core Earth Cable	15	m		
16	Earth Rod c/w Clamp	1	no.		
17	4.0 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
18	Installation accessories	1	no.		
19	Installation Labour charges- wiring	1	no.		
20	Installation using the movable gantry	1	Ls		
21	Mobilization to and fro site	1	Ls		
22	315w crystalline solar module	14	no		
23	Sun verter 3.7kw	1	no		
24	MS ground mount structure	3	no		
25	Twin flat 2.5mm cable with earth	40	m		
26	PV Disconnect	1	no		
27	Supply and install a Generator 16 KVA	1	no.		
	GENERATOR HOUSE REPAIR				
28	Supply and fix 1 No. burglar proof steel door (2.0mm thick plates) with heavy duty stainless steel padlock and 2No. burglar proof windows installed in the windward direction	LS	SUM		
29. Roofing: All structure truss members shall be in seasoned eucalyptus wood and painted two coats of anti-termite solution and shall be tight fixed with top tie beam with 6mm diameter plain bar.					
A	150 X 50mm wall plate	20	m		
B	50X 100mm timber to rafter	30	m		
C	50x50mm roof purlin	30	m		
D	250x15mm fascia board	20	m		
E	Supply and fix Gauge 30 galvanized sheet metal ridge piece, gutter and down pipe	10	No		
30	Provide for painting of inner and outer walls as directed by the engineer	M ²	22		
	BOREHOLE PROTECTION CHAMBER				

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
31	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		
10M3 CAPACITY PLASTIC CIRCULAR TANK ON 6.0 METRES HEIGHT STEEL TOWER AND PIPING					
32	Excavate a hole of size 1.2x1.2x1.5 metres depth in normal soil, ram the floor and straighten sides.	4	No.		
33	Fabricate, supply and position steel foundation bolts tame plates of size ID26x600mmL	16	No.		
34	Supply, deliver to site and install high tensile strength half rough thread foundation bolt of D25x650mmL each c/w nut and 3 No. 3.0mm thick GS flat washers. The bolt shall be grouted in position using mortar mix ration 1:1	16	No.		
35	Supply, deliver to site and place concrete of mix ratio 1:1.5:3 in the foundation hole up to 150mm above the ground. The cost shall be inclusive of shuttering material	10	M ³		
36	Fabricate, supply to site and erect the tank support steel tower of height 6.0 metres above the ground, with square 3.78 meter platform, 0.6metre width chequered steel perimeter walkway, two caged steel access ladders, guard rail and associated accessories. The tower shall be able to support 10 ton weight.	LS	ITEM		
37	Supply, deliver to site, mount on to the tower platform centre a 10.0m3 capacity high quality, strong double - layer ribbed cylindrical plastic tank as per the given specifications c/w GI pipe connection fittings (1No. For DN50 for inlet scour, over flow and 1 No. DN65 for outlet, stainless steel imported padlock (viro, yale)	1	No.		
38. Supply, deliver to site, install, connect at the chamber to the borehole, kiosk, and test;					
A	DN50 class B inlet, over flow and scour pipes	30	LM		
B	DN65 class B outlet pipe up to the water kiosk	30	LM		
39	Supply, deliver to site aluminum paint. Apply two (2) coats on all metal surfaces of the steel tower and pipe work.	LS	ITEM		
40	Supply, deliver to site and install PN6 GI threaded pipe fittings	PS	SUM		
41	Supply, deliver to site, install and test threaded gate valves type pegler;				
A	DN50	1	No.		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
B	DN65	1	No.		
PIPE LAYING & FITTINGS					
42	Supply and deliver to site HDPE pipes 1.5", 6 bar pressure	1100	m		
43	Connection fittings and sundries for HDPE pipe work	LS	SUM		
44	Excavation of pipeline and back filling	1100	m		
45	Laying of HDPE pipeline	1100	m		
46	Construct 3 No standard valve chamber with steel covers and supply and fix 3 No. Air valve type pegrar	3	No.		
47	Supply and erect concrete water line (WL) marker posts at intervals of 200m along the pipeline	6	No.		
WATER KIOSK REHABILITATION					
48	Supply and fix 1 No. steel door and 1 No. steel window	LS	sum		
49	Provide for re - plastering of inner and outer walls	22	m ²		
50	Pour concrete slab (1.4m lengthx0.5m widthx0.2m height) in the front kiosk face and provide PVC drain pipe with associated fittings to direct waste water to soak away pit	1	LS		
51	Excavate 1.0mx1.0m soak away pit to a depth of 2m, backfill fill with boulders, cover with polyethylene sheet and pour concrete mix as directed by engineer	1	LS		
52	Supply and fix a standard water meter	1	No.		
53	Supply and fix 3 No. taps type pegrar with associated fittings (i.e 3/4 GI pipe connecting the taps to the meter and inlet pipe)	1	LS		
54	Provide for painting of inner and outer walls as directed by the engineer	22	m ²		
FENCING					
55	Fencing of the borehole area with an area of 20m by 20m (at least 7 feet high steel angle lines of 60mmx60mm by 60mm thickness mortized with concrete with 3 strands of barbed wire fastened all around, and 1.8m high chain link all around). Provide for concrete stone pitching to fasten the chain link to the ground	1	Ls		
BRANDING					



T/24DUF/47F/BRH/07-02-2020/002

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
56	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL (Batch 3) WAMBA Town Borehole in KES inclusive of All taxes				Kes.	

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Batch 4 REHABILITATION / IMPROVEMENT OF SEREOLUPI BOREHOLE IN SAMBURU EAST

BOREHOLE CONDITIONS

Borehole Depth:	49.01M
Minimum Borehole Diameter:	152mm
Static Water Level:	2.08M
Pumping Water Level:	18.41M
Test Pump Output,Qt:	13.80m3/hr
Design Output:	9.66m3/hr
Pump Inlet Depth:	42.0m

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Supply Grundfos SP 9-16 pump or equivalent compete with a 3.0 kw/4.0hp three phase motor	1	no.		
4	Well probe sensor	1	no.		
5	Londex probe sensor cable	90	m		
6	1.5mm2 x 4 Core Submersible Drop Cable	45	m		
7	1.5mm2 x 4 Core U/G Cable	30	m		
8	2" borehole PVC pipes (3m Length)	14	no.		
9	2" Adaptor Set	1	no.		
10	25mm Airline pipes	8	no.		
11	Splicing Kit	1	no.		
12	2" x 6" Borehole Cover c/w Sundries	1	no.		
13	1.5mm2 x 2 Core U/G Cable	50	m		
14	Float switch	1	no.		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
15	6mm2 x 1 Core Earth Cable	15	m		
16	Earth Rod c/w Clamp	1	no.		
17	4.0 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
18	Installation accessories	1	no.		
19	Installation Labour charges- wiring	1	no.		
20	Installation using the movable gantry	1	Ls		
21	Mobilization to and fro site	1	Ls		
22	315w crystalline solar module (Note: The Qty indicated is provisional and may be revised downwards if existing modules are functional)	14	no		
23	Sun verter 3.7kw	1	no		
24	MS ground mount structure	3	no		
25	Twin flat 2.5mm cable with earth	40	m		
26	PV Disconnect	1	no		
27	Supply and install a Generator 16 KVA	1	no.		
CONSTRUCTION OF A GENERATOR PUMP HOUSE					
28	Construct generator room of internal size 5.0Ml x4.0MLx2.4MH.It shall have burglar proof steel door (2.0mm thick plates) with heavy duty stainless steel padlock, 2No. burglar proof windows installed in the windward direction, pitched roof with D8 square ceiling steel fabric for protection against vandalism. The finished floor shall be 200mm above the highest recoded Elnino flood level at the site. The floor slab shall be BRD140:1:2:4 and 200mm thick, while the generator plinth shall be D8:1:2:4, 100mm above finished floor level.	LS	SUM		
BOREHOLE PROTECTION CHAMBER					
29	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		
10M3 CAPACITY PLASTIC CIRCULAR TANK ON 6.0 METRES HEIGHT STEEL TOWER AND PIPING, KIOSK AND CATTLE TROUGH					
30	Excavate a hole of size 1.2x1.2x1.5 metres depth in normal soil, ram the floor and straighten sides.	4	No.		
31	Fabricate, supply and position steel foundation bolts tame plates of size ID26x600mmL	16	No.		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
32	Supply, deliver to site and install high tensile strength half rough thread foundation bolt of D25x650mmL each c/w nut and 3 No. 3.0mm thick GS flat washers. The bolt shall be grouted in position using mortar mix ration 1:1	16	No.		
33	Supply, deliver to site and place concrete of mix ratio 1:1.5:3 in the foundation hole up to 150mm above the ground. The cost shall be inclusive of shuttering material	10	M3		
34	Fabricate, supply to site and erect the tank support steel tower of height 6.0 metres above the ground, with square 3.78 metre platform, 0.6metre width chequered steel perimeter walkway, two caged steel access ladders, guard rail and associated accessories. The tower shall be able to support 10 ton weight.	LS	ITEM		
35	Supply, deliver to site, mount on to the tower platform centre a 10.0m ³ capacity high quality, strong double - layer ribbed cylindrical plastic tank as per the given specifications c/w GI pipe connection fittings (1No. For DN50 for inlet scour, over flow and 1 No. DN65 for outlet, stainless steel imported padlock (viro, yale)	1	No.		
36	Supply, deliver to site, install, connect at the chamber to the borehole, kiosk, cattle trough and test;				
37	a.) DN50 class B inlet, over flow and scour pipes	30	LM		
38	b.) DN65 class B outlet pipe up to the water kiosk	30	LM		
39	Supply, deliver to site aluminium paint. Apply two (2) coats on all metal surfaces of the steel tower and pipe work.	LS	ITEM		
40	Supply, deliver to site and install PN6 GI threaded pipe fittings	PS	SUM		
41	Supply, deliver to site, install and test threaded gate valves; type pegler;				
	a.) DN50	1	No.		
	b.) DN65	1	No.		
CATTLE TROUGH					
42	Excavate over site to remove loose soils average 150mm deep; wheel and deposit on site n.e. 100m away in permanent spoils heaps	1	m ³		
43	Provide materials and construct one livestock watering trough of external measurements 11350mm x 1800mm x 480mm complete with a ball valve in 1.1m x 0.8m chamber as shown on the design drawings.	1	LS		
44	Water Supply to Cattle Trough: Provide and fix 50m length 1 1/2inch diameter GI pipe from storage tank to cattle trough and provide for connections as will be directed by the supervising Engineer	1	LS		
45	Provide for rip rap protection to the water troughs of 1.5m around the troughs	20	m ²		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
46	Excavate 1.0mx1.0m soak away pit to a depth of 2m, backfill fill with boulders, supply and fix 2inch diameter GI pipe from cattle trough wash out to soak pit, cover with polyethylene sheet and pour concrete mix as directed by engineer	1	LS		
PIPELINE & FITTINGS					
47	Supply and deliver to site HDPE pipes 1.5", 6 bar pressure	2000	m		
48	Connection fittings and sundries for HDPE pipe work	LS	SUM		
49	Excavation of pipeline and back filling	2000	m		
50	Laying of HDPE pipeline	2000	m		
51	Supply and erect concrete water line (WL) marker posts at intervals of 200m along the pipeline	12	No.		
52	Construct 3 No standard valve chamber with steel covers and supply and fix 3 No. Air valve type peglar	3	No.		
1 No. WATER KIOSK CONSTRUCTION					
53. Excavation & Earth Works					
A	General excavation to remove top soil to an average depth of 250mm	m2	17		
B	Excavation for wall footing depth not exceeding 1200mm deep	m3	5.5		
C	Excavation for front area depth not exceeding 250mm	m3	4.5		
D	Cart away surplus excavated material & deposit at recommended area	m3	2.5		
E	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	m2	11		
F	Gauge 1000 polythene Damp proof on 50mm murrum blinding	m2	11		
54. Masonry Work					
A	150 x225X 450mm natural stone to walls to superstructures walling in 1:3 sand/cement mortar finished with steel finished on one side. Rate to included mild all reinforcement at every course	m2	16		
B	150 x225 X 450 natural stone to walls to Substructures walling in 1:3 sand/cement mortar. Rate to included mild all reinforcement at every course	m2	12		
C	6" x 8" X 8" Concrete ventilation blocks	no.	20		
D	150mm wide DPM to walls	m	9.5		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
55. Concrete Work					
A	Concrete grade 15/20 - 400 mm thick Plinth	m3	0.3		
B	Concrete grade 15/20 - 100mm thick slanting front area	m3	0.6		
C	Reinforced concrete grade 25/20 - 125mm thick floor slab	m3	1.2		
E	Reinforced concrete grade 25/20 - 450 X 250mm footing	m3	1.1		
G	Concrete grade 15/20 - to catch pit base slab	m3	0.05		
H	Reinforced concrete grade 25/20 – 600 x 600 x 200mm column footing	m3	0.08		
I	Reinforced concrete grade 25/20 - 300 X 200mm columns	m3	0.5		
J	Reinforced concrete grade 25/20 in 150mm Thk roof slab	m3	2		
K	Reinforced concrete grade 25/20 in 300mm X 150Thk ring beam	m3	0.7		
Concrete Ancillaries					
Formwork					
56	Provide cut and fix in position sawn timber formwork or equivalent.				
A	side of foundation footing 150mm wide	m	20		
	edges ground slab 125mm wide	m	10		
B	Side of lintel 20mm deep	m	2		
C	Edge of 400mm deep plinth	m	4.5		
D	Edges of roof slab	m	10		
E	Underneath roof slab, including propos	m2	6		
F	Edges of ring beam	m	20		
Reinforcement					
57. Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats					

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
A	Mesh 142 mild steel reinforcement mesh (0.40kg/m ²) in foundation wall	m ²	15		
B	10mm diameter high tensile steel (0.62kg/m ²) in foundation wall	m	45		
C	8mm diameter mild steel (0.40kg/m) in foundation wall	m	130		
D	12mm diameter high tensile steel (0.89kg/m) in ring beam	m	40		
E	8mm diameter mild steel (0.40kg/m) in ring beam	m	35		
F	12mm diameter high tensile steel (0.89kg/m) in column footing	m	45		
G	12mm diameter high tensile steel (0.89kg/m) in columns	m	40		
H	8mm diameter mild steel (0.40kg/m) in columns	m	35		
I	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	m	130		
Fittings and Fixtures					
58. Door & Windows					
A	2000 X 1000 steel door including locks and hinges to details	No	1		
B	1000 X 1000 steel swing window including locks and hinges to details	No	1		
59. Pipes and Fittings (All pipes to be Galvanized Iron and Threaded)					
A	32mm inlet pipe	m	10		
B	32mm dia. Elbows	No.	4		
C	32mm dia. Valve sockets	No.	2		
D	32mm dia. Gate Valve as Peglar	No.	2		
E	32 X 20 mm Reducing Tee	No.	4		
F	32mm end plug	No.	1		
G	32mm union	No.	4		
H	32mm short nipple	No.	2		
I	20mm union	No.	4		
J	20mm short nipple	No.	8		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
K	20mm Globe Valve	No.	4		
L	20mm elbow	No.	4		
M	32mm Peglar or approved Water Meter	No.	2		
60. Finishes					
A	Pointing to all External wall surfaces with cement sand mortar 1:2	m2	22		
B	Apply plastering to lintel surfaces	m2	0.4		
C	Apply plastering to all wall faces	m2	16		
D	Provide three coats of gloss paint to all plastered wall faces	m2	16		
E	Provide 3 coats of bituminous paint to all exposed concreted faces	m2	0.4		
61. Drainage and Water Supply					
A	Excavate for 400mm square X 900mm catch pit to detail	No.	1		
B	Excavate for 1000mm square X 1500mm soak pit as detailed	No.	1		
C	4" X 8 X 18" lining block to the site of the catch pit	m	2.4		
D	100mm thick mass concrete for catch pit base slab	m2	0.4		
E	Mass concrete to the soak pit cover slab	m3	0.3		
F	Catch pit grating made from welded to form 25mm square mesh on 50mm steel frame	No.	1		
G	Graded approved free draining hard-core/rubble stone filling the soak pit	m3	2		
H	225mm Dia. Precast Concrete drainage pipes	m	6		
1 No. WATER KIOSK REHABILITATION					
62	Supply and fix 1 No. steel door and 1 No. steel window	LS	sum		
63	Provide for re - plastering of inner and outer walls	22	m ²		
64	Pour concrete slab (1.4m lengthx0.5m widthx0.2m height) in the front kiosk face and provide PVC drain pipe with associated fittings to direct waste water to soak away pit	1	LS		
65	Excavate 1.0mx1.0m soak away pit to a depth of 2m, backfill fill with boulders, cover with polyethylene sheet and pour concrete mix as directed by engineer	1	LS		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
66	Supply and fix a standard water meter	1	No.		
67	Supply and fix 3 No. taps type peglar with associated fittings (i.e 3/4 GI pipe connecting the taps to the meter and inlet pipe)	1	LS		
68	Provide for painting of inner and outer walls as directed by the engineer	22	m ²		
FENCING					
69	Fencing of the borehole area with an area of 20m by 20m (at least 7 feet high steel angle lines of 60mmx60mm by 60mm thickness mortized with concrete with 3 strands of barbed wire fastened all around, and 1.8m high chain link all around). Provide for concrete stone pitching to fasten the chain link to the ground	1	Ls		
BRANDING					
70	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL (Batch 4) SEREOLUPI Borehole in KES inclusive of All taxes				Kes.	

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Batch 5 REHABILITATION / IMPROVEMENT OF NTABASI BOREHOLE IN SAMBURU EAST

BOREHOLE CONDITIONS:

Borehole Depth:	165.00 m
Minimum Borehole Diameter:	152mm
Static Water Level:	5.06 m
Pumping Water Level:	66.40 m
Test Pump Output,Qt:	14.40 m3/hr
Design Output:	10.08 m3/hr
Pump Inlet Depth:	123.00 m

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Supply Grundfos SP 9-29 pump or equivalent compete with a 5.5 kw/7.5hp three phase motor	1	no.		
4	Well probe sensor	1	no.		
5	Londex probe sensor cable	260	m		
6	4.0mm2 x 4 Core Submersible Drop Cable	130	m		
7	4.0mm2 x 4 Core U/G Cable	30	m		
8	2" borehole PVC pipes (3m Length)	41	no.		
9	2" Adaptor Set	1	no.		
10	25mm Airline pipes	23	no.		
11	Splicing Kit	1	no.		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
12	2" x 6" Borehole Cover c/w Sundries	1	no.		
13	1.5mm ² x 2 Core U/G Cable	50	m		
14	Float switch	1	no.		
15	6mm ² x 1 Core Earth Cable	15	m		
16	Earth Rod c/w Clamp	1	no.		
17	7.5 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
18	Installation accessories	1	no.		
19	Installation Labour charges- wiring	1	no.		
20	Installation using the movable gantry	1	Ls		
21	Mobilization to and fro site	1	Ls		
22	315w crystalline solar module (Note: The Qty indicated is provisional and may be revised downwards if existing modules are functional)	26	no		
23	Sunverter 5.5kw	1	no		
24	MS ground mount structure	3	no		
25	Twin flat 2.5mm cable with earth	40	m		
26	PV Disconnect	1	no		
27	Supply and install a Generator 20 KVA	1	no.		
CONSTRUCTION OF A GENERATOR PUMP HOUSE					
28	Construct generator room of internal size 5.0Ml x4.0MLx2.4MH.It shall have burglar proof steel door (2.0mm thick plates) with heavy duty stainless steel padlock, 2No. burglar proof windows installed in the windward direction, pitched roof with D8 square ceiling steel fabric for protection against vandalism. The finished floor shall be 200mm above the highest recoded Elnino flood level at the site. The floor slab shall be BRD140:1:2:4 and 200mm thick, while the generator plinth shall be D8:1:2:4, 100mm above finished floor level.	LS	SUM		
BOREHOLE PROTECTION CHAMBER					
29	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
10M3 CAPACITY PLASTIC CIRCULAR TANK ON 6.0 METRES HEIGHT STEEL TOWER AND PIPING, KIOSK AND CATTLE TROUGH					
30	Excavate a hole of size 1.2x1.2x1.5 metres depth in normal soil, ram the floor and straighten sides.	4	No.		
31	Fabricate, supply and position steel foundation bolts tame plates of size ID26x600mmL	16	No.		
32	Supply, deliver to site and install high tensile strength half rough thread foundation bolt of D25x650mmL each c/w nut and 3 No. 3.0mm thick GS flat washers. The bolt shall be grouted in position using mortar mix ration 1:1	16	No.		
33	Supply, deliver to site and place concrete of mix ratio 1:1.5:3 in the foundation hole up to 150mm above the ground. The cost shall be inclusive of shuttering material	10	M ³		
34	Fabricate, supply to site and erect the tank support steel tower of height 6.0 metres above the ground, with square 3.78 metre platform, 0.6metre width chequered steel perimeter walkway, two caged steel access ladders, guard rail and associated accessories. The tower shall be able to support 10 ton weight.	LS	ITEM		
35	Supply, deliver to site, mount on to the tower platform centre a 10.0m3 capacity high quality, strong double - layer ribbed cylindrical plastic tank as per the given specifications c/w GI pipe connection fittings (1No. For DN50 for inlet scour, over flow and 1 No. DN65 for outlet, stainless steel imported padlock (viro, yale)	1	No.		
36	Supply, deliver to site, install, connect at the chamber to the borehole, kiosk, cattle trough and test;				
37	a.) DN50 class B inlet, over flow and scour pipes	30	LM		
38	b.) DN65 class B outlet pipe up to the water kiosk	30	LM		
39	Supply, deliver to site aluminium paint. Apply two (2) coats on all metal surfaces of the steel tower and pipe work.	LS	ITEM		
40	Supply, deliver to site and install PN6 GI threaded pipe fittings	PS	SUM		
41	Supply, deliver to site, install and test threaded gate valves type pegler;				
	a.) DN50	1	No.		
	b.) DN65	1	No.		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
42	Construction and testing of water kiosk. The rate shall include site clearance, excavation, form work, structure and pipe fittings	LS	SUM		
CATTLE TROUGH					
43	Excavate over site to remove loose soils average 150mm deep; wheel and deposit on site i.e. 100m away in permanent spoils heaps	1	m ³		
44	Provide materials and construct one livestock watering trough of external measurements 11350mm x 1800mm x 480mm complete with a ball valve in 1.1m x 0.8m chamber as shown on the design drawings.	1	LS		
45	Water Supply to Cattle Trough: Provide and fix 50m length 1 1/2 inch diameter GI pipe from storage tank to cattle trough and provide for connections as will be directed by the supervising Engineer	1	LS		
46	Provide for rip rap protection to the water troughs of 1.5m around the troughs	20	m ²		
47	Excavate 1.0m x 1.0m soak away pit to a depth of 2m, backfill fill with boulders, supply and fix 2 inch diameter GI pipe from cattle trough wash out to soak pit, cover with polyethylene sheet and pour concrete mix as directed by engineer	1	LS		
1 No. WATER KIOSK CONSTRUCTION					
48. Excavation & Earth Works					
A	General excavation to remove top soil to an average depth of 250mm	m ²	17		
B	Excavation for wall footing depth not exceeding 1200mm deep	m ³	5.5		
C	Excavation for front area depth not exceeding 250mm	m ³	4.5		
D	Cart away surplus excavated material & deposit at recommended area	m ³	2.5		
E	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	m ²	11		
F	Gauge 1000 polythene Damp proof on 50mm murrum blinding	m ²	11		
49. Masonry Work					
A	150 x 225 x 450mm natural stone to walls to superstructures walling in 1:3 sand/cement mortar finished with steel finished on one side. Rate to included mild all reinforcement at every course	m ²	16		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
B	150 x225 X 450 natural stone to walls to Substructures walling in 1:3 sand/cement mortar. Rate to included mild all reinforcement at every course	m ²	12		
C	6" x 8" X 8" Concrete ventilation blocks	no.	20		
D	150mm wide DPM to walls	m	9.5		
50. Concrete Work					
A	Concrete grade 15/20 - 400 mm thick Plinth	m ³	0.3		
B	Concrete grade 15/20 - 100mm thick slanting front area	m ³	0.6		
C	Reinforced concrete grade 25/20 - 125mm thick floor slab	m ³	1.2		
E	Reinforced concrete grade 25/20 - 450 X 250mm footing	m ³	1.1		
G	Concrete grade 15/20 - to catch pit base slab	m ³	0.05		
H	Reinforced concrete grade 25/20 - 600x600x200mm column footing	m ³	0.08		
I	Reinforced concrete grade 25/20 - 300 X 200mm columns	m ³	0.5		
J	Reinforced concrete grade 25/20 in 150mm Thk roof slab	m ³	2		
K	Reinforced concrete grade 25/20 in 300mm X 150Thk ring beam	m ³	0.7		
Concrete Ancillaries					
Formwork					
51	Provide cut and fix in position sawn timber formwork or equivalent.				
A	side of foundation footing 150mm wide	m	20		
	edges ground slab 125mm wide	m	10		
B	Side of lintel 20mm deep	m	2		
C	Edge of 400mm deep plinth	m	4.5		
D	Edges of roof slab	m	10		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
E	Underneath roof slab, including props	m ²	6		
F	Edges of ring beam	m	20		
Reinforcement					
52	Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats				
A	Mesh 142 mild steel reinforcement mesh (0.40kg/m ²) in foundation wall	m ²	15		
B	10mm diameter high tensile steel (0.62kg/m ²) in foundation wall	m	45		
C	8mm diameter mild steel (0.40kg/m) in foundation wall	m	130		
D	12mm diameter high tensile steel (0.89kg/m) in ring beam	m	40		
E	8mm diameter mild steel (0.40kg/m) in ring beam	m	35		
F	12mm diameter high tensile steel (0.89kg/m) in column footing	m	45		
G	12mm diameter high tensile steel (0.89kg/m) in columns	m	40		
H	8mm diameter mild steel (0.40kg/m) in columns	m	35		
I	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	m	130		
Fittings and Fixtures					
53. Door & Windows					
A	2000 X 1000 steel door including locks and hinges to details	No	1		
B	1000 X 1000 steel swing window including locks and hinges to details	No	1		
54. Pipes and Fittings (All pipes to be Galvanised Iron and Threaded)					
A	32mm inlet pipe	m	10		
B	32mm dia. Elbows	No.	4		
C	32mm dia. Valve sockets	No.	2		
D	32mm dia. Gate Valve as Peglar	No.	2		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
E	32 X 20 mm Reducing Tee	No.	4		
F	32mm end plug	No.	1		
G	32mm union	No.	4		
H	32mm short nipple	No.	2		
I	20mm union	No.	4		
J	20mm short nipple	No.	8		
K	20mm Globe Valve	No.	4		
L	20mm elbow	No.	4		
M	32mm Peglar or approved Water Meter	No.	2		
55. Finishes					
A	Pointing to all External wall surfaces with cement sand mortar 1:2	m ²	22		
B	Apply plastering to lintel surfaces	m ²	0.4		
C	Apply plastering to all wall faces	m ²	16		
D	Provide three coats of gloss paint to all plastered wall faces	m ²	16		
E	Provide 3 coats of bituminous paint to all exposed concreted faces	m ²	0.4		
56. Drainage and Water Supply					
A	Excavate for 400mm square X 900mm catch pit to detail	No.	1		
B	Excavate for 1000mm square X 1500mm soak pit as detailed	No.	1		
C	4" X 8 X 18" lining block to the site of the catch pit	m	2.4		
D	100mm thick mass concrete for catch pit base slab	m ²	0.4		
E	Mass concrete to the soak pit cover slab	m ³	0.3		
F	Catch pit grating made from welded to form 25mm square mesh on 50mm steel frame	No.	1		
G	Graded approved free draining hard-core/rubble stone filling the soak pit	m ³	2		
H	225mm Dia. Precast Concrete drainage pipes	m	6		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
PIPELINE & FITTINGS					
57	Supply and deliver to site HDPE pipes 1.5", 6 bar pressure	1100	m		
58	Connection fittings and sundries for HDPE pipe work	LS	SUM		
59	Excavation of pipeline and back filling	1100	m		
60	Laying of HDPE pipeline	1100	m		
61	Supply and erect concrete water line (WL) marker posts at intervals of 200m along the pipeline	7	No.		
62	Construct 3 No standard valve chamber with steel covers and supply and fix 3 No. Air valve type peglar	3	No.		
FENCING					
63	Fencing of the borehole area with an area of 20m by 20m (at least 7 feet high steel angle lines of 60mmx60mm by 60mm thickness mortized with concrete with 3 strands of barbed wire fastened all around, and 1.8m high chain link all around). Provide for concrete stone pitching to fasten the chain link to the ground	1	Ls		
BRANDING					
64	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL (Batch 5) NTABASI Borehole in KES inclusive of All taxes				Kes.	

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services



T/24DUF/47F/BRH/07-02-2020/002

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Batch 6 REHABILITATION / IMPROVEMENT OF LODUNG'OKWE BOREHOLE IN SAMBURU EAST

BOREHOLE CONDITIONS:

Borehole Depth:	90.00m
Minimum Borehole Diameter:	78.00m
Static Water Level:	6.50m
Pumping Water Level:	78.00m
Test Pump Output,Qt:	2.10 m3/hr
Design Output:	1.47 m3/hr
Pump Inlet Depth:	78.00m

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Supply Grundfos SP 2A-33 pump or equivalent compete with a 1.5kw/2.0hp three phase motor	1	no.		
4	Well probe sensor	1	no.		
5	Londex probe sensor cable	160	m		
6	1.5mm2 x 4 Core Submersible Drop Cable	80	m		
7	1.5mm2 x 4 Core U/G Cable	30	m		
8	1.25" borehole PVC pipes (3m Length)	26	no.		
9	1.25" Adaptor Set	1	no.		
10	25mm Airline pipes	14	no.		
11	Splicing Kit	1	no.		

12	1.25" x 6" Borehole Cover c/w Sundries	1	no.		
13	1.5mm ² x 2 Core U/G Cable	50	m		
14	Float switch	1	no.		
15	6mm ² x 1 Core Earth Cable	15	m		
16	Earth Rod c/w Clamp	1	no.		
17	4.0 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
18	Installation accessories	1	no.		
19	Installation Labour charges- wiring	1	no.		
20	Installation using the movable gantry	1	Ls		
21	200w crystalline solar module	14	no		
22	Sunverter 3.7kw	1	no		
23	MS ground mount structure	1	no		
24	Twin flat 2.5mm cable with earth	40	m		
25	PV Disconnect	1	no		
26	Supply and install a Generator 20 KVA	1	no.		
BOREHOLE PROTECTION CHAMBER					
27	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		
1 No. WATER KIOSK CONSTRUCTION					
28 Excavation & Earth Works					
A	General excavation to remove top soil to an average depth of 250mm	m ²	17		
B	Excavation for wall footing depth not exceeding 1200mm deep	m ³	5.5		
C	Excavation for front area depth not exceeding 250mm	m ³	4.5		
D	Cart away surplus excavated material & deposit at recommended area	m ³	2.5		
E	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	m ²	11		

F	Gauge 1000 polythene Damp proof on 50mm murrum blinding	m ²	11		
29. Masonry Work					
A	150 x225X 450mm natural stone to walls to superstructures walling in 1:3 sand/cement mortar finished with steel finished on one side. Rate to included mild all reinforcement at every course	m ²	16		
B	150 x225 X 450 natural stone to walls to Substructures walling in 1:3 sand/cement mortar. Rate to included mild all reinforcement at every course	m ²	12		
C	6" x 8" X 8" Concrete ventilation blocks	no.	20		
D	150mm wide DPM to walls	m	9.5		
30 Concrete Work					
A	Concrete grade 15/20 - 400 mm thick Plinth	m ³	0.3		
B	Concrete grade 15/20 - 100mm thick slanting front area	m ³	0.6		
C	Reinforced concrete grade 25/20 - 125mm thick floor slab	m ³	1.2		
E	Reinforced concrete grade 25/20 - 450 X 250mm footing	m ³	1.1		
G	Concrete grade 15/20 - to catch pit base slab	m ³	0.05		
H	Reinforced concrete grade 25/20 - 600x600x200mm column footing	m ³	0.08		
I	Reinforced concrete grade 25/20 - 300 X 200mm columns	m ³	0.5		
J	Reinforced concrete grade 25/20 in 150mm Thk roof slab	m ³	2		
K	Reinforced concrete grade 25/20 in 300mm X 150Thk ring beam	m ³	0.7		
Concrete Ancillaries					
Formwork					
31	Provide cut and fix in position sawn timber formwork or equivalent.				
A	side of foundation footing 150mm wide	m	20		
	edges ground slab 125mm wide	m	10		
B	Side of lintel 20mm deep	m	2		

C	Edge of 400mm deep plinth	m	4.5		
D	Edges of roof slab	m	10		
E	Underneath roof slab, including propos	m ²	6		
F	Edges of ring beam	m	20		
Reinforcement					
32	Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats				
A	Mesh 142 mild steel reinforcement mesh (0.40kg/m ²) in foundation wall	m ²	15		
B	10mm diameter high tensile steel (0.62kg/m ²) in foundation wall	m	45		
C	8mm diameter mild steel (0.40kg/m) in foundation wall	m	130		
D	12mm diameter high tensile steel (0.89kg/m) in ring beam	m	40		
E	8mm diameter mild steel (0.40kg/m) in ring beam	m	35		
F	12mm diameter high tensile steel (0.89kg/m) in column footing	m	45		
G	12mm diameter high tensile steel (0.89kg/m) in columns	m	40		
H	8mm diameter mild steel (0.40kg/m) in columns	m	35		
I	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	m	130		
Fittings and Fixtures					
33 Door & Windows					
A	2000 X 1000 steel door including locks and hinges to details	No	1		
B	1000 X 1000 steel swing window including locks and hinges to details	No	1		
34 Pipes and Fittings					
All pipes to be Galvanized Iron and Threaded					
A	32mm inlet pipe	m	10		
B	32mm dia. Elbows	No.	4		

C	32mm dia. Valve sockets	No.	2		
D	32mm dia. Gate Valve as Peglar	No.	2		
E	32 X 20 mm Reducing Tee	No.	4		
F	32mm end plug	No.	1		
G	32mm union	No.	4		
H	32mm short nipple	No.	2		
I	20mm union	No.	4		
J	20mm short nipple	No.	8		
K	20mm Globe Valve	No.	4		
L	20mm elbow	No.	4		
M	32mm Peglar or approved Water Meter	No.	2		
35 Finishes					
A	Pointing to all External wall surfaces with cement sand mortar 1:2	m ²	22		
B	Apply plastering to lintel surfaces	m ²	0.4		
C	Apply plastering to all wall faces	m ²	16		
D	Provide three coats of gloss paint to all plastered wall faces	m ²	16		
E	Provide 3 coats of bituminous paint to all exposed concreted faces	m ²	0.4		
37 Drainage and Water Supply					
A	Excavate for 400mm square X 900mm catch pit to detail	No.	1		
B	Excavate for 1000mm square X 1500mm soak pit as detailed	No.	1		
C	4" X 8 X 18" lining block to the site of the catch pit	m	2.4		
D	100mm thick mass concrete for catch pit base slab	m ²	0.4		
E	Mass concrete to the soak pit cover slab	m ³	0.3		
F	Catch pit grating made from welded to form 25mm square mesh on 50mm steel frame	No.	1		

G	Graded approved free draining hard-core/rubble stone filling the soak pit	m ³	2		
H	225mm Dia. Precast Concrete drainage pipes	m	6		
1 No. WATER KIOSK REHABILITATION					
38	Supply and fix 1 No. steel door and 1 No. steel window	LS	sum		
39	Provide for re plastering of inner and outer walls	22	m ²		
40	Pour concrete slab (1.4m lengthx0.5m widthx0.2m height) in the front kiosk face and provide PVC drain pipe with associated fittings to direct waste water to soak away pit	1	LS		
41	Excavate 1.0mx1.0m soak away pit to a depth of 2m, backfill fill with boulders, cover with polyethylene sheet and pour concrete mix as directed by engineer	1	LS		
42	Supply and fix a standard water meter	1	No.		
43	Supply and fix 3 No. taps type peglar with associated fittings (i.e. 3/4 GI pipe connecting the taps to the meter and inlet pipe)	1	LS		
44	Provide for painting of inner and outer walls as directed by the engineer	22	m ²		
GENERATOR HOUSE REPAIR					
45. Roofing: All structure truss members shall be in seasoned eucalyptus wood and painted two coats of anti-termite solution and shall be tight fixed with top tie beam with 6mm diameter plain bar.					
A	150 X 50mm wall plate	20	m		
B	50X 100mm timber to rafter	30	m		
C	50x50mm roof purlin	30	m		
D	250x15mm fascia board	20	m		
E	Supply and fix Gauge 30 galvanized sheet metal ridge piece, gutter and down pipe	10	No		
46	Provide for painting of inner and outer walls as directed by the engineer	M ²	22		
PIPELINE & ACCESSORIES					
47	Supply and deliver to site HDPE pipes 1.25", 6 bar pressure	500	m		
48	Excavation of pipeline and back filling	500	m		

49	Laying of HDPE pipeline	500	m		
50	Connection fittings and sundries for HDPE pipe work	LS	SUM		
51	Construct 3 No standard valve chamber with steel covers and supply and fix 3 No. Air valve type peglar	3	No		
52	Supply and erect concrete water line (WL) marker posts at intervals of 200m along the pipeline	5	No.		
FENCING					
53	Fencing of the borehole area with an area of 20m by 20m (atleast 7 feet high steel angle lines of 60mmx60mm by 60mm thickness mortized with concrete with 3 strands of barbed wire fastened all around, and 1.8m high chain link all around). Provide for concrete stone pitching to fasten the chain link to the ground	1	Ls		
BRANDING					
54	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL (Batch 6) LODUNG'OKWE Borehole in KES inclusive of All taxes					Kes.

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____

3. _____
4. _____
5. _____
6. _____

Batch 7 REHABILITATION / IMPROVEMENT OF LONGEWAN BOREHOLE IN SAMBURU CENTRAL
BOREHOLE CONDITIONS:

Borehole Depth:	220.00 m
Minimum Borehole Diameter:	152 mm
Static Water Level:	142.06 m
Pumping Water Level:	170.40 m
Test Pump Out put,Qt:	6.0 m3/hr
Design Output:	4.2 m3/hr
Pump Inlet Depth:	198.00 m

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Supply Grundfos SP 5-60 pump or equivalent compete with a 5.5 kw/7.5hp three phase motor	1	no.		
4	Well probe sensor	1	no.		
5	Londex probe sensor cable	400	m		
6	4.0mm2 x 4 Core Submersible Drop Cable	200	m		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
7	4.0mm ² x 4 Core U/G Cable	30	m		
8	2" borehole PVC pipes (3m Length)	66	no.		
9	2" Adaptor Set	1	no.		
10	25mm Airline pipes	8	no.		
11	Splicing Kit	1	no.		
12	2" x 6" Borehole Cover c/w Sundries	1	no.		
13	1.5mm ² x 2 Core U/G Cable	50	m		
14	Float switch	1	no.		
15	6mm ² x 1 Core Earth Cable	15	m		
16	Earth Rod c/w Clamp	1	no.		
17	4.0 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
18	Installation accessories	1	no.		
19	Installation Labour charges- wiring	1	no.		
20	Installation using the movable gantry	1	Ls		
21	315w crystalline solar module (Note: The Qty indicated is provisional and may be revised downwards if existing modules are functional)	26	no		
22	Sunverter 3.7kw	1	no		
23	MS ground mount structure	2	no		
24	Twin flat 2.5mm cable with earth	40	m		
25	PV Disconnect	1	no		
26	Supply and install a Generator 20 KVA	1	no.		
BOREHOLE PROTECTION CHAMBER					
27	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		
CATTLE TROUGH					

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
28	Excavate oversite to remove loose soils average 150mm deep; wheel and deposit on site n.e. 100m away in permanent spoils heaps	1	m ³		
29	Provide materials and construct one livestock watering trough of external measurements 11350mm x 1800mm x 480mm complete with a ball valve in 1.1m x 0.8m chamber as shown on the design drawings.	1	LS		
30	Water Supply to Cattle Trough: Provide and fix 50m length 1 1/2inch diameter GI pipe from storage tank to cattle trough and provide for connections as will be directed by the supervising Engineer	1	LS		
31	Provide for rip rap protection to the water troughs of 1.5m around the troughs	20	m ²		
32	Excavate 1.0mx1.0m soak away pit to a depth of 2m, backfill fill with boulders, supply and fix 2inch diameter GI pipe from cattle trough wash out to soak pit, cover with polyethylene sheet and pour concrete mix as directed by engineer	1	LS		
1 No. WATER KIOSK CONSTRUCTION					
33. Excavation & Earth Works					
A	General excavation to remove top soil to an average depth of 250mm	m ²	17		
B	Excavation for wall footing depth not exceeding 1200mm deep	m ³	5.5		
C	Excavation for front area depth not exceeding 250mm	m ³	4.5		
D	Cart away surplus excavated material & deposit at recommended area	m ³	2.5		
E	300mm thick approved hard-core, well compacted in layers not exceeding 150mm and blinded using 50mm murrum/quarry dust	m ²	11		
F	Gauge 1000 polythene Damp proof on 50mm murrum blinding	m ²	11		
34. Masonry Work					
A	150 x225X 450mm natural stone to walls to superstructures walling in 1:3 sand/cement mortar finished with steel finished on one side. Rate to included mild all reinforcement at every course	m ²	16		
B	150 x225 X 450 natural stone to walls to Substructures walling in 1:3 sand/cement mortar. Rate to included mild all reinforcement at every course	m ²	12		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
C	6" x 8" X 8" Concrete ventilation blocks	no.	20		
D	150mm wide DPM to walls	m	9.5		
35. Concrete Work					
A	Concrete grade 15/20 - 400 mm thick Plinth	m ³	0.3		
B	Concrete grade 15/20 - 100mm thick slanting front area	m ³	0.6		
C	Reinforced concrete grade 25/20 - 125mm thick floor slab	m ³	1.2		
E	Reinforced concrete grade 25/20 - 450 X 250mm footing	m ³	1.1		
G	Concrete grade 15/20 - to catch pit base slab	m ³	0.05		
H	Reinforced concrete grade 25/20 - 600x600x200mm column footing	m ³	0.08		
I	Reinforced concrete grade 25/20 - 300 X 200mm columns	m ³	0.5		
J	Reinforced concrete grade 25/20 in 150mm Thk roof slab	m ³	2		
K	Reinforced concrete grade 25/20 in 300mm X 150Thk ring beam	m ³	0.7		
Concrete Ancillaries					
Formwork					
36	Provide cut and fix in position sawn timber formwork or equivalent.				
A	side of foundation footing 150mm wide	m	20		
	edges ground slab 125mm wide	m	10		
B	Side of lintel 20mm deep	m	2		
C	Edge of 400mm deep plinth	m	4.5		
D	Edges of roof slab	m	10		
E	Underneath roof slab, including propos	m ²	6		
F	Edges of ring beam	m	20		
Reinforcement					

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
37. Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats					
A	Mesh 142 mild steel reinforcement mesh (0.40kg/m ²) in foundation wall	m ²	15		
B	10mm diameter high tensile steel (0.62kg/m ²) in foundation wall	m	45		
C	8mm diameter mild steel (0.40kg/m) in foundation wall	m	130		
D	12mm diameter high tensile steel (0.89kg/m) in ring beam	m	40		
E	8mm diameter mild steel (0.40kg/m) in ring beam	m	35		
F	12mm diameter high tensile steel (0.89kg/m) in column footing	m	45		
G	12mm diameter high tensile steel (0.89kg/m) in columns	m	40		
H	8mm diameter mild steel (0.40kg/m) in columns	m	35		
I	10mm diameter high tensile steel (0.62kg/m ²) in roof slab	m	130		
Fittings and Fixtures					
38. Door & Windows					
A	2000 X 1000 steel door including locks and hinges to details	No	1		
B	1000 X 1000 steel swing window including locks and hinges to details	No	1		
39. Pipes and Fittings (All pipes to be Galvanized Iron and Threaded)					
A	32mm inlet pipe	m	10		
B	32mm dia. Elbows	No.	4		
C	32mm dia. Valve sockets	No.	2		
D	32mm dia. Gate Valve as Peglar	No.	2		
E	32 X 20 mm Reducing Tee	No.	4		
F	32mm end plug	No.	1		
G	32mm union	No.	4		
H	32mm short nipple	No.	2		
I	20mm union	No.	4		
J	20mm short nipple	No.	8		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
K	20mm Globe Valve	No.	4		
L	20mm elbow	No.	4		
M	32mm Peglar or approved Water Meter	No.	2		
40. Finishes					
A	Pointing to all External wall surfaces with cement sand mortar 1:2	m ²	22		
B	Apply plastering to lintel surfaces	m ²	0.4		
C	Apply plastering to all wall faces	m ²	16		
D	Provide three coats of gloss paint to all plastered wall faces	m ²	16		
E	Provide 3 coats of bituminous paint to all exposed concreted faces	m ²	0.4		
41. Drainage and Water Supply					
A	Excavate for 400mm square X 900mm catch pit to detail	No.	1		
B	Excavate for 1000mm square X 1500mm soak pit as detailed	No.	1		
C	4" X 8 X 18" lining block to the site of the catch pit	m	2.4		
D	100mm thick mass concrete for catch pit base slab	m ²	0.4		
E	Mass concrete to the soak pit cover slab	m ³	0.3		
F	Catch pit grating made from welded to form 25mm square mesh on 50mm steel frame	No.	1		
G	Graded approved free draining hard-core/rubble stone filling the soak pit	m ³	2		
H	225mm Dia. Precast Concrete drainage pipes	m	6		
PIPELINE REHABILITATION					
43	Supply and fix 200m length GI pipes (provide for associated fittings)	LS	sum		
FENCING					
44	Fencing of the borehole area with an area of 40m by 20m (atleast 7 feet high steel angle lines of 60mmx60mm by 60mm thickness mortized with concrete with 3 strands of barbed wire fastened all around, and 1.8m high chain link all around). Provide for concrete stone pitching to fasten the chain link to the ground	1	Ls		



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ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
BRANDING					
45	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL (Batch 7) LONGEWAN Borehole in KES inclusive of All taxes				Kes.	

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Batch 8 REHABILITATION / IMPROVEMENT OF LOISUKUTAN BOREHOLE IN SAMBURU CENTRAL.
BOREHOLE CONDITIONS:

Borehole Depth:	250m
Minimum Borehole Diameter:	152mm
Static Water Level:	48.9m
Pumping Water Level:	235m
Test Pump Output,Qt:	1.5 m3/hr
Design Output:	1.05m3/hr
Pump Inlet Depth:	228.0m

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
MOBILIZATION					
1	Plant and personnel mobilization to site including setting up camp and demobilization	1	LS		
BOREHOLE SOLARIZATION & PUMP INSTALLATION					
2	Removal of the existing submersible pump	1	Ls		
3	Supply Grundfos SP 2A-33 pump or equivalent compete with a 1.5kw/2.0hp three phase motor	1	no.		
4	Well probe sensor	1	no.		
5	Londex probe sensor cable	160	m		
6	1.5mm2 x 4 Core Submersible Drop Cable	80	m		
7	1.5mm2 x 4 Core U/G Cable	30	m		
8	1.25" borehole PVC pipes (3m Length)	26	no.		
9	1.25" Adaptor Set	1	no.		
10	25mm Airline pipes	14	no.		
11	Splicing Kit	1	no.		
12	1.25" x 6" Borehole Cover c/w Sundries	1	no.		
13	1.5mm2 x 2 Core U/G Cable	50	m		

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE (VAT included)	TOTAL PRICE (VAT included)
14	Float switch	1	no.		
15	6mm ² x 1 Core Earth Cable	15	m		
16	Earth Rod c/w Clamp	1	no.		
17	4.0 HP control panel (Provide for hybrid system i.e change over to generator power)	1	no.		
18	Installation accessories	1	no.		
19	Installation Labour charges- wiring	1	no.		
20	Installation using the movable gantry	1	Ls		
21	200w crystalline solar module	14	no		
22	Sunverter 3.7kw	1	no		
23	MS ground mount structure	1	no		
24	Twin flat 2.5mm cable with earth	40	m		
25	PV Disconnect	1	no		
26	Supply and install a Generator 16 KVA	1	no.		
BOREHOLE PROTECTION CHAMBER					
27	Construct a 1m*1m*1m masonry chamber around the borehole for protection. The chamber should be fitted with a lockable steel cover	LS	SUM		
BRANDING					
28	Provide and erect a permanent steel signboard with a display area of 1000mm x1000mm and a support frame of 1200mm above ground level and concreted (grade 20) 300mm below the ground level. The sign post should be primed and painted with three coats of high grade gloss paint and written on both sides as per the engineer's instruction.	2	No.		
TOTAL (Batch 8) LOISUKUTAN Borehole in KES inclusive of All taxes				Kes.	

DELIVERY CONDITIONS GUARANTEED BY THE BIDDER:

..... Days for 100% of the works/services

BIDDER'S COMMENTS/REMARKS:

1. _____
2. _____
3. _____
4. _____
5. _____

TOTAL BOREHOLES COST CARRIED FORWARD TO SUMMARY

.No.	Batch number	Description	TOTALS
1.	Batch 1	REHABILITATION/IMPROVEMENT OF NACHOLA BOREHOLE IN SAMBURU NORTH	Kes.
2.	Batch 2	REHABILITATION/IMPROVEMENT OF BARSALOI BOREHOLE IN SAMBURU EAST	Kes.
3.	Batch 3	REHABILITATION/IMPROVEMENT OF WAMBA TOWN BOREHOLE IN SAMBURU EAST	Kes.
4.	Batch 4	REHABILITATION/IMPROVEMENT OF SEREOLIPI BOREHOLE IN SAMBURU EAST	Kes.
5.	Batch 5	REHABILITATION/IMPROVEMENT OF NTABASI BOREHOLE IN SAMBURU EAST	Kes.
6.	Batch 6	REHABILITATION/IMPROVEMENT OF LODUNG'OKWE BOREHOLE IN SAMBURU EAST	Kes.
7.	Batch 7	REHABILITATION/IMPROVEMENT OF LONGEWAN BOREHOLE IN SAMBURU CENTRAL	Kes.
8.	Batch 8	REHABILITATION/IMPROVEMENT OF LOISUKUTAN BOREHOLE IN SAMBURU CENTRAL	Kes.
Grand Total Kes (Batches 1, 2, 3 ,4, 5, 6, 7, 8) inclusive of ALL Taxes			Kes



T/24DUF/47F/BRH/07-02-2020/002

Name of Bidder's Authorized Representative: _____

Authorized signature and stamp: _____

Date: _____



BIDDER'S QUESTIONNAIRE ACTED [KENYA]

Date: 07-02-2020

Tender N° : T/24DUF/47F/BRH/07-02-2020/002

PART I: INFORMATION			
A. Company Details and General Information			
Name of Company		Trading As	
Address (headquarters)		Telephone	
Zip Code (headquarters)		Fax	
City (headquarters)		E-mail address 1	
PO Box		E-mail address 2	
Country (headquarters)		Website address	
Parent Company or name of owner		Subsidiaries/ Associates/ Overseas Representative	
Sales Person's Name		Sales Person's Position	
Sales Person's phone		Sales Persons' E-mail	
<i>Governance of the company: Chairman, Vice-Chairman, Treasurer or Secretary of the Board of Directors or Board of Trustees</i>			
Name (as in passport or other government-issued photo ID)		Date of birth (mm/dd/yyyy)	
Government-issued photo Identification Document (ID) number		Type of ID	
ID country of issuance		Rank or title in organization	
Other names used (nicknames or pseudonyms not listed as "Name")		Gender (e.g. male, female)	
Current employer and job title:		Occupation	
Address of residence		Citizenship(s)	
Province/Region		E-mail address	
Is the individual a U.S. citizen or legal permanent resident?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Professional Licenses – State Issued Certifications	
<i>Management of the company: CEO, Executive Director, Deputy Director, President or Vice-President</i>			
Name (as in passport or other government-issued photo ID)		Date of birth (mm/dd/yyyy)	
Government-issued photo Identification Document (ID) number		type of ID	
ID country of issuance		Rank or title in organization	
Other names used (nicknames or pseudonyms not listed as "Name")		Gender (e.g. male, female)	
Current employer and job title:		Occupation	
Address of residence		Citizenship(s)	
Province/Region		E-mail addresses	
Is the individual a U.S. citizen or legal permanent resident?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Professional Licenses – State Issued Certifications	
<i>Management of the company: Chief Finance Officer or Chief Accountant</i>			
Name (as in passport or other government-issued photo ID)		Date of birth (mm/dd/yyyy)	



Government-issued photo Identification Document (ID) number		type of ID	
ID country of issuance		Rank or title in organization	
Other names used (nicknames or pseudonyms not listed as "Name")		Gender (e.g. male, female)	
Current employer and job title:		Occupation	
Address of residence		Citizenship(s)	
Province/Region		E-mail addresses	
Is the individual a U.S. citizen or legal permanent resident?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Professional Licenses – State Issued Certifications	
Company's staff & insurance			
No. Full Time Employees:		Employee average work wage per hour:	
% of Men to Women:		Any employee(s) with relatives working with ACTED?	<input type="checkbox"/> Yes <input type="checkbox"/> No
No. of Children:		What is the legal minimum wage paid?	<input type="checkbox"/> Yes <input type="checkbox"/> No
In what capacity?		Are paid vacations offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No
What are their ages?		Are flexible working hours offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Name of insurance company:		Staff covered by health insurance?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Description of the Company			
Type of Business (multiple choices possible):	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Consulting Company <input type="checkbox"/> Authorized Agent	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Trader <input type="checkbox"/> Other, please specify : _____	
Sector of Business (multiple choices possible):	<input type="checkbox"/> Goods / supplies <input type="checkbox"/> Services <input type="checkbox"/> Equipment	<input type="checkbox"/> Works <input type="checkbox"/> Other, please specify : _____	
Year Established:		Country of registration:	
Licence number:		Valid until:	
Working languages:	<input type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Spanish	<input type="checkbox"/> Arabic <input type="checkbox"/> Chinese <input type="checkbox"/> Other, please specify : _____	
Technical documents available in:	<input type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Spanish	<input type="checkbox"/> Arabic <input type="checkbox"/> Chinese <input type="checkbox"/> Other, please specify : _____	
B. Financial Information			
VAT Number:		Tax Number:	
Bank Name:		Bank Account Number:	
Bank Address:		Account Name:	
Swift/BIC number:		Standard Payment Terms:	
Has the company been audited in the last 3 years?			<input type="checkbox"/> Yes <input type="checkbox"/> No
Please attach a copy of the company's most recent Annual or Audited Financial Report			<input type="checkbox"/> Attached
Annual Value of Total Sales for the last 3 Years:			
Year: USD:		Year: USD:	
Annual Value of Export Sales for the last 3 years			
Year: USD:		Year: USD:	
C. Experience			



Company's recent business with ACTED and/or other International Aid Agencies or United Nations Agencies:						
#	Organisation	Contact person	Phone/E-mail	Goods/Works/Services	Value (USD)	Destination
1						
2						
3						
4						
5						
What is your company's main area of expertise?						
What is your company's business coverage area?		<input type="checkbox"/> National <input type="checkbox"/> Restricted to (specify location) : _____				
To which countries has your company exported and/or managed projects in the last 3 years?						
Provide any other information that demonstrates your company's qualifications and experience (eg. awards)						
List any national or international Trade/Professional Organisations of which your company is a member						
D. Technical Capability						
Type of Quality Assurance Certificate					<input type="checkbox"/> Attached	
Type of Certification/Qualification Documents					<input type="checkbox"/> Attached	
International Offices/Representation						
List below up to 10 of the core Goods and/or Services your company sells:						
1)		6)				
2)		7)				
3)		8)				
4)		9)				
5)		10)				
List the main assets of your company (trucks & heavy machines, heavy & valuable equipment, premises & warehouses, production sites etc.)						
1)		6)				
2)		7)				
3)		8)				
4)		9)				
5)		10)				
E. Miscellaneous						
Does your company have an Environmental Policy? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No		
Does your company have an Ethical Trading Policy? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No		
Does your company have an Anti-terrorist Policy? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No		
Is your company compliant with the EU General Data Protection Regulation (or equivalent)? (Yes/No)				<input type="checkbox"/> Yes <input type="checkbox"/> No		
If you answered yes to the above two questions, please attach copies of your policy:					<input type="checkbox"/> Attached	
Has your company ever been bankrupt, or is in the process of being wound up, having its affairs administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of proceedings concerning these matters, or is in any analogous situation arising from a similar procedure provided for in national law?					<input type="checkbox"/> Yes <input type="checkbox"/> No	
If you answered yes, please provide details:						
Has your company ever been convicted of an offence concerning its professional conduct by a judgment which as force of res judicata?				<input type="checkbox"/> Yes <input type="checkbox"/> No		
If you answered yes, please provide details:						

Has your company ever been guilty of grave professional misconduct proven by other means?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If you answered yes, please provide details:			
Has your company ever not fulfilled its obligations relating to the payment of social security contributions, or the payment of taxes in accordance with the law of the country in which it is established, or with those of France, or those of the country where the contract is to be performed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If you answered yes, please provide details:			
Has your company ever been the subject of a judgement, which has the force of res judicata for fraud, corruption, involvement in a criminal organisation or any other illegal activity?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If you answered yes, please provide details:			
Has your company ever been declared to be in serious breach of contract for failure to comply with its contractual obligations, following another procurement procedure or grant award procedure financed by a donor country?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If you answered yes, please provide details:			
Has your company ever been declared to be in serious breach of contract for failure to comply with its contractual obligations, following another procurement procedure or grant award procedure financed by a donor country?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If you answered yes, please provide details:			
Has your company ever been in any dispute with any Government Agency, the United Nations, or International Aid Organisations (including ACTED)?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If you answered yes, please provide details:			
Do you agree with terms of payment of 30 days? <input type="checkbox"/> Yes <input type="checkbox"/> No	Do you accept visit of ACTED staff & external auditors to your office?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
PART II: CERTIFICATION			
I, the undersigned warrant that the information provided in this form is correct, and in the event of changes, details will be provided to ACTED as soon as possible in writing. I also understand that ACTED does not do business with companies, or any affiliates or subsidiaries, which engage in any practices that are in breach of ACTED's Child Protection, Sexual Exploitation and Abuse Protection, Conflict of Interest, Anti-fraud, Anti-terrorism Policy and Data Protection Policies (available on request).			
Name:		Date:	
Title/Position		Place:	
E-mail address (for contact for verification purposes):		Signature:	
Phone number (for contact for verification purposes):		Company Stamp:	
Check list of supporting documents			For ACTED use only
1) Trading license	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
2) VAT registration/tax clearance certificate	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
3) Company profile	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
4) Proof of trading/dealership/agent	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
5) Evidence of similar contracts	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
6) References	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
7) Particulars of CEO and key personnel	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
8) Articles of Association & Certificate of incorporation	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
9) Financial statements (latest)	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	
10) Other (specify):	<input type="checkbox"/> Attached	<input type="checkbox"/> Checked	



ACTED

T/24DUF/47F/BRH/07-02-2020/002

Company Name: _____

Authorized Representative Name: _____

Signature: _____

Stamp:

BIDDER'S ETHICAL DECLARATION [KENYA]

Date: 07-02-2020

Tender N°: T/24DUF/47F/BRH/07-02-2020/002

Bidder's name: _____

Bidder's address: _____

CODE OF CONDUCT:**1. Labour Standards**

The labour standards in this code are based on the conventions of the International Labour Organisation (ILO).

- *Employment is freely chosen*

There is no forced, bonded or involuntary prison labour. Workers are not required to lodge `deposits' or their identity papers with the employer and are free to leave their employer after reasonable notice.

- *Freedom of association and the right to collective bargaining are respected*

Workers, without distinction, have the right to join or form trade unions of their own choosing and to bargain collectively. The employer adopts an open attitude towards the legitimate activities of trade unions. Workers representatives are not discriminated against and have access to carry out their representative functions in the workplace. Where the right to freedom of association and collective bargaining is restricted under law, the employer facilitates, and does not hinder, the development of parallel means for independent and free association and bargaining.

- *Working conditions are safe and hygienic*

A safe and hygienic working environment shall be provided, bearing in mind the prevailing knowledge of the industry and of any specific hazards. Adequate steps shall be taken to prevent accidents and injury to health arising out of, associated with, or occurring in the course of work, by minimising, so far as is reasonably practicable, the causes of hazards inherent in the working environment. Workers shall receive regular and recorded health and safety training, and such training shall be repeated for new or reassigned workers. Access to clean toilet facilities and potable water and, if appropriate, sanitary facilities for food storage shall be provided. Accommodation, where provided, shall be clean, safe, and meet the basic needs of the workers. The company observing the standards shall assign responsibility for health and safety to a senior management representative.

- *Child Labour shall not be used*

There shall be no new recruitment of child labour. Companies shall develop or participate in and contribute to policies and programmes, which provide for the transition of any child found to be performing child labour to enable her/him to attend and remain in quality education until no longer a child. Children and young people under 18 years of age shall not be employed at night or in hazardous conditions. These policies and procedures shall conform to the provisions of the relevant International Labour Organisation (ILO) standards.

- *Living wages are paid*

Wages and benefits paid for a standard working week meet, at a minimum, national legal standards or industry benchmarks. In any event wages should always be high enough to meet basic needs and to provide some discretionary income. All workers shall be provided with written and understandable information about their

employment conditions in respect to wages before they enter employment, and about the particulars of their wages for the pay period concerned each time that they are paid. Deductions from wages as a disciplinary measure shall not be permitted nor shall any deductions from wages not provided for by national law be permitted without the express and informed permission of the worker concerned. All disciplinary measures should be recorded.

- *Working hours are not excessive*

Working hours comply with national laws and benchmark industry standards, whichever affords greater protection. In any event, workers shall not on a regular basis be required to work in excess of the local legal working hours. Overtime shall be voluntary, shall not exceed local legal limits, shall not be demanded on a regular basis and shall always be compensated at a premium rate.

- *No discrimination is practised*

There is no discrimination in hiring, compensation, access to training, promotion, termination or retirement based on race, caste, national origin, religion, age, disability, gender, marital status, sexual orientation, union membership or political affiliation.

- *Regular employment is provided*

To every extent possible work performed must be on the basis of a recognised employment relationship established through national law and practice. Obligations to employees under labour or social security laws and regulations arising from the regular employment relationship shall not be avoided through the use of labour-only contracting, sub-contracting or home-working arrangements, or through apprenticeship schemes where there is no real intent to impart skills or provide regular employment, nor shall any such obligations be avoided through the excessive use of fixed-term contracts of employment.

- *No harsh or inhumane treatment is allowed*

Physical abuse or discipline, the threat of physical abuse, sexual or other harassment and verbal abuse or other forms of intimidation shall be prohibited.

B. Environmental Standards

Suppliers should as a minimum comply with all statutory and other legal requirements relating to the environmental impacts of their business. Detailed performance standards are a matter for suppliers, but should address at least the following:

- *Waste Management*

Waste is minimised and items recycled whenever this is practicable. Effective controls of waste in respect of ground, air, and water pollution are adopted. In the case of hazardous materials, emergency response plans are in place.

- *Packaging and Paper*

Undue and unnecessary use of materials is avoided, and recycled materials used whenever appropriate.

- *Conservation*

Processes and activities are monitored and modified as necessary to ensure that conservation of scarce resources, including water, flora and fauna and productive land in certain situations.

- *Energy Use*

All production and delivery processes, including the use of heating, ventilation, lighting, IT systems and transportation, are based on the need to maximise efficient energy use and to minimise harmful emissions.

- ***Safety precautions for transport and cargo handling***

All transport and cargo handling processes are based on the need to maximise safety precautions and to minimise potential injuries to ACTED beneficiaries and staff as well as the suppliers' employees or those of its subcontractors.

C. Business Behaviour

The conduct of the supplier should not violate the basic rights of ACTED's beneficiaries.

The supplier should not be engaged

1. in the manufacture of arms
2. in the sale of arms to governments which systematically violate the human rights of their citizens; or where there is internal armed conflict or major tensions; or where the sale of arms may jeopardise regional peace and security.

D. ACTED procurement rules and regulations

Suppliers should comply with ACTED procurement rules and regulations outlines in ACTED Logistics Manual Version 1.2. or above. In particular, ACTED's procurement policy set out in Section 2.1 and 2.4. (contract awarding). By doing so, Suppliers acknowledge that they do not find themselves in any of the situations of exclusion as referred to under section 2.4.2.

Operating Principles

The implementation of the Code of Conduct will be a shared responsibility between ACTED and its suppliers, informed by a number of operating principles, which will be reviewed from time to time.

ACTED will:

1. Assign responsibility for ensuring compliance with the Code of Conduct to a senior manager.
2. Communicate its commitment to the Code of Conduct to employees, supporters and donors, as well as to all suppliers of goods and services.
3. Make appropriate human and financial resources available to meet its stated commitments, including training and guidelines for relevant personnel.
4. Provide guidance and reasonable non-financial support to suppliers who genuinely seek to promote and implement the Code standards in their own business and in the relevant supply chains, within available resources.
5. Adopt appropriate methods and systems for monitoring and verifying the achievement of the standards.
6. Seek to maximise the beneficial effect of the resources available, e.g. by collaborating with other NGOs, and by prioritising the most likely locations of non-compliance.

ACTED expects suppliers to:

1. Accept responsibility for labour and environmental conditions under which products are made and services provided. This includes all work contracted or sub-contracted and that conducted by home or other out-workers.
2. Assign responsibility for implementing the Code of Conduct to a senior manager.
3. Make a written Statement of Intent regarding the company's policy in relation to the Code of Conduct and how it will be implemented, and communicate this to staff and suppliers as well as to ACTED.

Both parties will

1. Require the immediate cessation of serious breaches of the Code and, where these persist, terminate the business relationship.
2. Seek to ensure all employees are aware of their rights and involved in the decisions which affect them.
3. Avoid discriminating against enterprises in developing countries.



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4. Recognise official regulation and inspection of workplace standards, and the interests of legitimate trades unions and other representative organisations.
5. Seek arbitration in the case of unresolved disputes.

Qualifications to the Policy Statement

The humanitarian imperative is paramount. Where speed of deployment is essential in saving lives, ACTED will purchase necessary goods and services from the most appropriate available source.

ACTED can accept neither uncontrolled cost increases nor drops in quality. It accepts appropriate internal costs but will work with suppliers to achieve required ethical standards as far as possible at no increase in cost or decrease in quality.

I undersigned _____, agree to adopt the above Code of Conduct and to commit to comply with the labour and environmental standards specified, both in my own company and those of my suppliers.

Name & Position of Bidder's authorized representative _____

Authorized signature _____

BIDDER'S CHECK LIST – ACTED [KENYA]

Date: 07-02-2020

Tender N°: T/24DUF/47F/BRH/07-02-2020/002

BEFORE SENDING YOUR BIDDING DOCUMENTS, PLEASE CHECK THAT EACH OF THE FOLLOWING ITEM IS COMPLETE AND RESPECTS THE FOLLOWING CRITERIA:

Description	To be filled in by Bidder		For ACTED use only (to be filled in by Purchase Committee)		Comments
	Included		Present		
	Yes	No	Yes	No	
1. An original bid has been provided (compulsory for bids handed in by hand. Originals will be requested at a later stage for suppliers who bid by E-mail)					
2. PART 1 (form PRO-05) – Instructions to Bidders is attached, filled, signed and stamped by the supplier. (compulsory)					
3. PART 2 (form PRO-06) – Offer Form is attached, filled, signed and stamped by the supplier. (compulsory)					
4. The prices in the Offer Form are in KES (compulsory)					
5. PART 3 (form PRO-06-01) – Bidders Questionnaire Form is attached, filled, signed and stamped by the supplier. (compulsory)					
6. PART 4 – (form PRO-06-02) – Bidder's Ethical Declaration is attached, filled, signed and stamped by the supplier. (compulsory)					
7. The Bidding documents are filled in English.					
8. ANNEXES – Proofs of past performances in a similar field of activity and letter recommendations from previous similar works (e.g. past deliveries of similar items) are provided (Compulsory)					
9. ANNEXES – A Copy of Company registration documents and license are included (Recommended)					
10. ANNEXES – Copy of National Construction Authority (NCA) with at least NCA 7 for water and building works (Recommended)					
11. ANNEXES – Tax compliance Certificates, Company registration certificates/ Certificate of incorporation are provided. (Recommended)					
12. ANNEXES – Legal documents (Representative national ID card/passport copy) are provided. (Recommended)					
13. ANNEXES - Certified company audited financial reports and bank statements for the last 6 months					

Name & Position of Bidder's authorized representative _____

Authorized signature _____