



HYDROSOL DRILING COMPANY LTD

PO.BOX 2108 -00100

NAIROBI.

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Email: hydrosolard@gmail.com

Location: Utawala-Eastern Bypass Opposite NCBA Bank.

PROPOSAL FOR
DRILLING AND INSTALLATION
OF 1NO BOREHOLE
IN
CHWELE -BUNGOMA COUNTY

BOREHOLE DRILLING

TO: THE ROTARY CLUB OF BUNGOMA
CENTRAL, ROTARY INTERNATIONAL
DISTRICT 9212(KENYA)

Subject :

BUDGETARY OFFER FOR DRILLING 1NO BOREHOLE,
150M BOREHOLE.

No	Item & Description	Qty	Rate	Amount
1	Hydrogeological survey complete with Permits	1.0	80,000	80,000
2	Mobilization and Demobilization, Erecting and dismantling of drilling and test pumping equipment	1.0	100,000	100,000
3	Drilling one borehole with finished internal diameter 8" to the required maximum depth. 0-100M	100.0	3,500	350,000
4	From 101 to 150 m (Rate Only)	50.0	4,500	225,000
7	Supply and installation of plain steel 6" (152mm)	10.0	10,000	100,000
8	Supply and installation of slotted steel casings 6" (152mm)	15.0	14,500	217,500
9	Installation of gravel pack (2-4mm) (not laterite) to at least 3m above top screen.	7.0	7,500	52,500
10	Borehole development by airlifting and/or surging for minimum of 4hrs, with an estimate of discharge and static water level measurement	5.0	5,000	25,000
11	Test Pumping for 24 hours, draw-down, yield recovery and data analysis	24.0	2,500	60,000

No	Item & Description	Qty	Rate	Amount
13	Supply and Installation of surface casing without retrieval	3.0	10,000	30,000
14	Chemical analysis of water sample	1.0	8,000	8,000
			Sub Total	1,023,000
Net:TotalKES1,023,000.00				

NOTES

Looking forward to your business.

<u>BANK DETAILS</u>	
CREDIT BANK	MPESA PAYBILL
<u>Account Details:</u> Bank Name: NCBA BANK (K) LTD Account Name: HYDROSOL DRILLING COMPANY LIMITED Account Number: 1001160138 Branch Name: UTAWALA	<u>Mpesa Paybill Number</u> Paybill Number: 880100 Account Number: 090508

TERMS & CONDITIONS

Deposit payment of 1.5M

Balance Payable upon completion of drilling before casing – 497,800k

SOLAR BOREHOLE PUMPING SYSTEM INSTALLATION

QUOTATION

No	Item & Description	Qty	Rate	Tax %	Amount
1	DAYLIFDSP4/23 3KW/PUMP END	1.0 box	65,000	16.00	65,000
2	DAYLIF 4KW 3PH MOTOR	1.0 box	85,000	16.00	85,000
3	Controller 5.5kva 3ph Solar Pumping Inverter	1.0	75,600	0.00	75,600
4	Monocrystalline solar Panels 24VDC Each	4.5Kw	45.00	0.00	202,500
5	2.5mm ² 4-core Submersible cable	150.0	650	16.00	97,500
6	2.5mm ² 4-core U/G cable - AC power	80.0	450	16.00	36,500
7	1 1/2" Standard Upvc pipes (3m length)	30.0	2,800	16.00	84,000
8	1 1/2" Adaptor Set	1.0	3,450	16.00	3,450
9	PV 8 WAY COMBINER BOX, BREAKER 1000V /40A c/w SURGE PROTECTOR PV Disconnect Switch 1000V/32A c/w surge protector	1.0 pcs	14,600	0.00	14,600
10	Borehole Cover 1 1/2*6	1.0	8,000	16.00	8,000

No	Item & Description	Qty	Rate	Tax %	Amount
11	SOLAR PV CABLE 1*6mm2, 1000VDC - BLACK 6mm DC cable	20.0 m	400	0.00	8,000
12	6mm ² safety wire cable	10.0	200	16.0 0	2,000
13	Solar support structure - 3m high c/w Controller enclosure	9.0	4,500	16.0 0	40,500
14	LIGHTNING ARRESTOR 1M C/W CLAMP	1.0 pcs	4,500	16.0 0	4,500
15	Solar structure civil works and welding	4.0	10,000	16.0 0	20,000
16	Borehole Master Water meter 1.5"	1.0	12,800	16.0 0	12,800
17	Earth Rod c/w clamp	1.0	1,000	16.0 0	1,000
18	Installation sundries	1.0	5,000	16.0 0	5,000
19	LOWERING OF PUMP - CRUISER Cruiser Lifting Sales Line	1.0	60,000	16.0 0	60,000
20	Transport charges - structure materials and, solar panels	1.0	25,000	16.0 0	25,000
21	Electrical commissioning and solar panels termination	1.0	18,500	16.0 0	18,500
22	Airline pipes	15.0	400	16.0 0	6,000
23	Plumbing budget to tanks	1.0	28,500	16.0 0	28,500
Sub Total					943,850
VAT16 (16%)					151,016
Exempt (0%)					0
Net Total					KES 1,094,866.00

We have assumed there is likelihood of more water but at a higher depth. This pump can give upto 4500litres of water per hour

BOREHOLE PUMPS & MOTORS | SOLAR PUMPS & ACCESSORIES | TANK TOWERS | SOLAR STRUCTURES

WATER TOWER CONSTRUCTION

No	Item & Description	Qty	Rate	Amount
1	Design, Fabricate/Deliver/Erect and Installation of a 6M HIGH STEEL STAND/ TOWER to support 1no 10,000L Plastic tank. Rate includes a perimeter guard rail and a ladder for access to the top. The tank base should be made of appropriately sized metal sheet or timber. The tank tower to have 2 layers of paint; first being a primer and the second one glossy paint of the customers colour choice or our standard Dura Coat or Crown Silver Aluminium. Cost also includes materials, welding, and related civil works	1.0	443,200	443,200
2	Foundation excavation to permanent murrum or stable base, wall pass creation foundation reinforcement with D10 sand, ballast, cement, and Labour	1.0	68,400	68,400
3	Mobilization/Transportation of all materials, Crew to/on /from site	1.0	125,200	125,200
4	Plastic Tank - 10,00litres (indicative costs only) - 1 tank	1.0	70,000	70,000
Sub Total			706,800	
Net Total			KES706,800	

MATERIAL STANDARDIZATION
Hot rolled section to BS 4360 Grade 43A or equivalent Cold formed section to BS 5950
part5: 1997or equivalent Bolt and nuts to BS3692 and BS4190 or equivalent Welding specifications to BS 5135 or equivalent
Welding electrodes to BS 635 or equivalent Wind load to CP3 chapter V part2

TERMS OF WARRANTY

<u>MODEL</u>	<u>PRODUCT DESCRIPTION</u>	<u>WARRANTY</u>
SOLAR Panels	Solar Modules	25
SOLAR WATER HEATERS	Solar water heaters: UFD, UFS, UFX, UVT, UVR, CWS	3
BENAX BOREHOLE ITEMS	PVC Borehole pipes, submersible cable, Sunverter, Hober, Suntime Accessories and Cables, Borehole Inverters	1
	Benax Borehole Pumps, Lubi, CRI, Varuna, Genvik	2
PEDROLLO	Pumps, Motors, Controllers & Accessories	2
DAB PUMPS	Pumps & Tesla Motors	2
GENERATORS	DGK, DGY, DGC, DGJ,	1
SOLAR	SMA, Opti & Victron Inverters & Charge Controllers, Sungrid, Batteries, Lorentz pumps & controllers	1

a) Specific Terms

The warranty on equipment installed by others is conditional upon the defective unit being promptly returned free to Benax office or workshop and collected thereafter when repaired. No element of site repair is included in the warranty and any site attendance costs will be payable in full at standard charge out rates.

b) Water Pumps

Most pumps supplied are designed specifically for applications involving clean, cold (up to 30⁰C) water. No warranty will be provided against wear and subsequent damage if the pumped water does not conform to this condition unless the pump has been specified by the Company or the manufacturer.

As all pumps are water lubricated serious damage can occur if they are run without water. For this reason, the Company specifically excludes itself from any warranty claims where there is evidence that damage to the pump has been caused by running dry or other damage resulting from installation conditions not approved by the manufacturer.

2) EQUIPMENT REPAIRS

Standard warranty period for all repaired equipment is three months from date of collection or installation by the Company provided the warranty claim is attributable to a defect in any spare part fitted during repair. Failures caused by defects in components not repaired are specifically excluded. Also, due to the fact that failure can be caused by many factors beyond the Company's control, the warranty period on re-wound motors is limited to one month when equipment re-installation is carried out by the Company and no warranty will be given on re-wound motors when re-installed by others.

3) NEW INSTALLATIONS

Standard warranty period for all new installations is six months from date of commissioning excluding the named products (if applicable) to which their standard warranty (see Clause 1.1) is applicable. During the warranty period defects caused by faulty design, materials or workmanship will be rectified at no charge, though if the Company is called to site to rectify a defect which on investigation is caused by faulty operation, lack of maintenance or general carelessness, all charges for labour, transport and materials used will be payable in full at the Company's standard rates. Upon lapsing of the 6month period, labour and transport charges will apply for all subsequent warranty repairs or replacement at the standard Hydrosol charge- out rates.

4) PROOF OF PURCHASE

Proof of purchase in the form of invoice (emailed, scanned or sent on whatsapp) is required to be shown before Warranty repair or replacement is approved.

- Bank Details:

Bank Name: NCBA Bank
Account Name: Hydrosol Drilling Company
Account Number: 1001160138
Branch: Utawala

- M-Pesa Payment Details:

Playbill Number: 880100
Account Number: 090508

