

# BELENA BOREHOLE SERVICES

DRILLING CONTRACTORS AND WATER ENGINEERS
BISSIL TOWN KAJIADO
P.O BOX 674 KAJIADO +254729959001

### RE CHURCH OF CHRIST LEBOO WATER WELL -KUMPA LOCATION-KAJIADO DISTRICT.

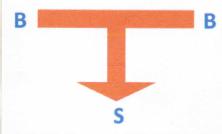
# THANK YOU FOR YOUR REQUEST, THE COST WILL BE AS DETAILED BELOW:

| Items | Description  | Qty | Unit | Rate    | Amount    |
|-------|--|-----|------|---------|-----------|
| 1.    | Mobilization and demobilization of drilling equipment, including transportation of tools supplies and personal   |     |      |         | 20,000    |
| 2.    | Erecting and dismantling include setting up camp and supplying water for drilling and camp use   |     |      |         | 10,000    |
| 3.    | Drilling 200mm borehole  | 200 | M    | 4,000   | 800,000   |
| 4.    | Supply and install 150mm diameter, plain casing  | 200 | M    | 1,000   | 200,000   |
| 5.    | Supply and install 150mm diameter slotted PVC casing   | 60  | М    | 2,500   | 150,000   |
| 6.    | Grouting to ensure a sanitary seal at surface end including construction casing anchor slab  |     |      |         | 10,000    |
| 7.    | Fencing the site, the gate and fixing the sign post  |     |      |         | 15,000    |
| 8.    | Test pumping   |     |      |         | 30,000    |
| 9.    | Chemical analysis  |     |      |         | 5,000     |
| 10.   | Supply and install 10KVA generator   |     |      | 200,000 | 200,000   |
| 11.   | Supply and install 10,000liters tank   |     |      | 70,000  | 70,000    |
| 12.   | Supply and install PVC pipes approximately 300m  |     |      | 20,000  | 20,000    |
| 13.   | Supply and install a submersible pump complete with control panel, low level control, thermal protection and power surge protection to include draw PPR pipes, borehole cap and air line |     |      |         | 92,000    |
| 14.   | Plumping work, G1 fitting and cementation  |     |      |         |           |
| 15.   | Cattle trough (one)  |     |      | 10,000  | 10,000    |
| 16.   | Pump house (sketch attached )  |     |      |         | 163,000   |
|       | TOTAL  |     |      |         | 1,800,000 |

YOURS FAITHFULLY

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**RICHARD G.KIHUHA** 

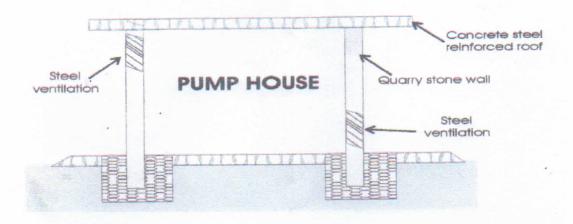


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#### **PUMP HOUSE**

### **OPTION ONE**



This is strongly built single room approximately 3mx3m and standard height .the room is ventilated to allow engine cooling .the roof is steel reinforced concrete for security and single strong steel door fitted

### Cost as follows:

Quarry bricks kshs 50,000
Cement ksh 20,000

Steel bars ksh 20,000

Steel door ksh 8,000

Finishing ksh 15,000

Labour ksh 40,000

Timber kshs 10,000

Total ksh 163,000

Yours faithfully

RICHARD G. KIHUHA

Wellians.