

CONSULTANT

Provincial Irrigation Engineer

Office of the Provincial Agricultural Coordinator

P. O. Box 510046

Chipata

**Bill of Quantities for proposed construction and setting up of drip irrigation lines network for the farmer-led irrigation schemes in various twenty one sites in Eastern Province**

**REPUBLIC OF ZAMBIA**

**PROVINCIAL ADMINISTRATION- EASTERN PROVINCE**

**ZAMBIA INTEGRATED FOREST LANDSCAPE PROJECT-ZIFLP**

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| BILL 1: PRELIMINARY AND GENERAL ITEMS | | |  |  |  |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **1.0** | **PRELIMINARY AND GENERAL ITEMS** | | | | |
| 1.1 | Mobilization and demobilization | LS | 1 |  |  |
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| 1.2 | Movements between sites | Km | 600 |  |  |
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| **BILL 1 (PRELIMINARY AND GENERAL ITEMS) CARRIED TO SUMMARY** (Page 23) | | | | |  |

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| BILL 2: DRIP KITS INSTALLATION WORKS AT NYAMPHANDE FARMER LED IRRIGATION SCHEME, PETAUKE | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **2.0 DRIP KITS INSTALLATION WORKSAT NYAMPHANDE** | | | | | |
| 2.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 53 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 2: DRIP KITS INSTALLATION WORKS AT NYAMPHANDE CARRIED TO SUMMARY** (Page 23) | | | | |  |

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| BILL 3: DRIP KITS INSTALLATION WORKS AT KAULU FARMER LED IRRIGATION SCHEME, PETAUKE | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **3.0 DRIP KITS INSTALLATION WORKS AT KAULU** | | | | | |
| 3.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 52 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 3: KAULU DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 4: DRIP KITS INSTALLATION WORKS AT MAWANDA -SAILI FARMER LED IRRIGATION SCHEME, LUSANGAZI | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **4.0 DRIP KITS INSTALLATION WORKS AT MAWANDA** | | | | | |
| 4.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 51 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 4: MAWANDA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 5: DRIP KITS INSTALLATION WORKS AT NSAIKA FARMER LED IRRIGATION SCHEME, NYIMBA | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **5.0 DRIP KITS INSTALLATION WORKS AT NSAIKA** | | | | | |
| 5.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 53 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 5: NSAIKA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 6: DRIP KITS INSTALLATION WORKS AT SINDA VILLAGE FARMER LED IRRIGATION SCHEME, SINDA | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **6.0 DRIP KITS INSTALLATION WORKS AT SINDA** | | | | | |
| 6.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 51 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 6: SINDA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 7: DRIP KITS INSTALLATION WORKS AT KAGORO FARMER LED IRRIGATION SCHEME, KATETE | | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) | |
| **7.0 DRIP KITS INSTALLATION WORKS AT KAGORO** | | | | | | |
| 7.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 53 |  |  | |
|  | The Kit to comprise of the followin: |  |  |  |  | |
|  | 1. 12mm drip take off connector |  |  |  |  | |
|  | 2. 12mm submain |  |  |  |  | |
|  | 3. 12mm drip Connectors |  |  |  |  | |
|  | 4. Laterals |  |  |  |  | |
|  | 5. Drip end caps |  |  |  |  | |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  | |
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| **BILL 7: KAGORO DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | | |  |

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| BILL 8: DRIP KITS INSTALLATION WORKS AT CHIPILINGU FARMER LED IRRIGATION SCHEME, KATETE | | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) | |
| **8.0 DRIP KITS INSTALLATION WORKS AT CHIPILINGU** | | | | | | |
| 8.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 51 |  |  | |
|  | The Kit to comprise of the following: |  |  |  |  | |
|  | 1. 12mm drip take off connector |  |  |  |  | |
|  | 2. 12mm submain |  |  |  |  | |
|  | 3. 12mm drip Connectors |  |  |  |  | |
|  | 4. Laterals |  |  |  |  | |
|  | 5. Drip end caps |  |  |  |  | |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  | |
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| **BILL 8: CHIPILINGU DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | | |  |

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| BILL 9: DRIP KITS INSTALLATION WORKS AT ZINGALUME FARMER LED IRRIGATION SCHEME, CHADIZA | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **9.0 DRIP KITS INSTALLATION WORKS AT ZINGALUME** | | | | | |
| 9.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 55 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 9: ZINGALUME DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 10: DRIP KITS INSTALLATION WORKS AT KAMANGA LED IRRIGATION SCHEME, CHADIZA | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **10.0 DRIP KITS INSTALLATION WORKS AT KAMANGA** | | | | | |
| 10.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 56 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 10: KAMANGADRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 11: DRIP KITS INSTALLATION WORKS AT MKANYA FARMER LED IRRIGATION SCHEME, MAMBWE | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **11.0 DRIP KITS INSTALLATION WORKS AT MKANYA** | | | | | |
| 11.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 45 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 11: MKANYA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 12: DRIP KITS INSTALLATION WORKS CONSTRUCTION AT MCHEREKA -NYALUBANGA FARMER LED IRRIGATION SCHEME, LUNDAZI | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **12.0 DRIP KITS INSTALLATION WORKS AT MCHEREKA** | | | | | |
| 12.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 58 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 12: MCHEREKA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY** (Page 23) | | | | |  |

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| BILL 13: DRIP KITS INSTALLATION WORKS AT KAPONGOLO FARMER LED IRRIGATION SCHEME, LUMEZI | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **13.0 DRIP KITS INSTALLATION WORKS AT KAPONGOLO** | | | | | |
| 13.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 54 |  |  |
|  | The Kit to comprise of the followin: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 13: KAPONGOLO DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY** (Page 23) | | | | |  |

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| BILL 14: DRIP KITS INSTALLATION WORKS AT ZOZWE FARMER LED IRRIGATION SCHEME, VUBWI | | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) | |
| **14.0 DRIP KITS INSTALLATION WORKS AT ZOZWE** | | | | | | |
| 14.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 52 |  |  | |
|  | The Kit to comprise of the followin: |  |  |  |  | |
|  | 1. 12mm drip take off connector |  |  |  |  | |
|  | 2. 12mm submain |  |  |  |  | |
|  | 3. 12mm drip Connectors |  |  |  |  | |
|  | 4. Laterals |  |  |  |  | |
|  | 5. Drip end caps |  |  |  |  | |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  | |
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| **BILL 14: ZOZWE DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY** (Page 23) | | | | | |  |

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| BILL 15: DRIP KITS INSTALLATION WORKS AT KATHUMBA FARMER LED IRRIGATION SCHEME, SINDA | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **15.0 DRIP KITS INSTALLATION WORKS AT KATHUMBA** | | | | | |
| 15.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 51 |  |  |
|  | The Kit to comprise of the followin: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 15: KATHUMBA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY** (Page 23) | | | | |  |

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| BILL 16: DRIP KITS INSTALLATION WORKS AT MBANDE FARMER LED IRRIGATION SCHEME, VUBWI | | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) | |
| **16.0 DRIP KITS INSTALLATION WORKS AT MBANDE** | | | | | | |
| 16.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 48 |  |  | |
|  | The Kit to comprise of the following: |  |  |  |  | |
|  | 1. 12mm drip take off connector |  |  |  |  | |
|  | 2. 12mm submain |  |  |  |  | |
|  | 3. 12mm drip Connectors |  |  |  |  | |
|  | 4. Laterals |  |  |  |  | |
|  | 5. Drip end caps |  |  |  |  | |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  | |
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| **BILL 16 MBANDE DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY** (Page 23) | | | | | |  |

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| BILL 17: DRIP KITS INSTALLATION WORKS AT VUU FARMER LED IRRIGATION SCHEME, LUNDAZI | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **17.0 DRIP KITS INSTALLATION WORKS AT VUU** | | | | | |
| 17.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 49 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 17: VUU DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY** (Page 23) | | | | |  |

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| BILL 18: DRIP KITS INSTALLATION WORKS AT CHISWA FARMER LED IRRIGATION SCHEME, CHIPATA | | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) | |
| **18.0 DRIP KITS INSTALLATION WORKS AT CHISWA** | | | | | | |
| 18.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 48 |  |  | |
|  | The Kit to comprise of the following: |  |  |  |  | |
|  | 1. 12mm drip take off connector |  |  |  |  | |
|  | 2. 12mm submain |  |  |  |  | |
|  | 3. 12mm drip Connectors |  |  |  |  | |
|  | 4. Laterals |  |  |  |  | |
|  | 5. Drip end caps |  |  |  |  | |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  | |
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| **BILL 18: CHISWA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | | |  |

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| BILL 19: DRIP KITS INSTALLATION WORKS AT JERUSALEM FARMER LED IRRIGATION SCHEME, CHIPATA | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **19.0 DRIP KITS INSTALLATION WORKS AT JERUSALEM** | | | | | |
| 19.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 46 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 19: JERUSALEM DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 20: DRIP KITS INSTALLATION WORKS AT KAKUMBA -KATOPOLA FARMER LED IRRIGATION SCHEME, LUNDAZI | | | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) | |
| **20.0 DRIP KITS INSTALLATION WORKS AT KAKUMBA** | | | | | | | |
| 20.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 52 |  |  | |
|  | The Kit to comprise of the followin: |  |  |  |  | |
|  | 1. 12mm drip take off connector |  |  |  |  | |
|  | 2. 12mm submain |  |  |  |  | |
|  | 3. 12mm drip Connectors |  |  |  |  | |
|  | 4. Laterals |  |  |  |  | |
|  | 5. Drip end caps |  |  |  |  | |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  | |
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| **BILL 20: KAKUMBA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY** (Page 23) | | | | | |  | |

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| BILL 21: DRIP KITS INSTALLATION WORKS AT RUKUZYE FARMER LED IRRIGATION SCHEME, CHIPATA | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) |
| **21.0 DRIP KITS INSTALLATION WORKS AT RUKUZYE** | | | | | |
| 21.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 52 |  |  |
|  | The Kit to comprise of the following: |  |  |  |  |
|  | 1. 12mm drip take off connector |  |  |  |  |
|  | 2. 12mm submain |  |  |  |  |
|  | 3. 12mm drip Connectors |  |  |  |  |
|  | 4. Laterals |  |  |  |  |
|  | 5. Drip end caps |  |  |  |  |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  |
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| **BILL 21: RUKUZYE DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | |  |

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| BILL 22: DRIP KITS INSTALLATION WORKS AT KAMLAZA FARMER LED IRRIGATION SCHEME, KASENENGWA | | | | | | | |
| ITEM NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT (ZMK) | |
| **22.0 DRIP KITS INSTALLATION WORKS AT KAMLAZA** | | | | | | | |
| 22.1 | Supply and installation of PVC (class 6 or better) Drip Kit. For a 1000m2 area with 1.6ltr/hr emitter discharge and 12mm diameter line. | No. | 50 |  |  | |
|  | The Kit to comprise of the following: |  |  |  |  | |
|  | 1. 12mm drip take off connector |  |  |  |  | |
|  | 2. 12mm submain |  |  |  |  | |
|  | 3. 12mm drip Connectors |  |  |  |  | |
|  | 4. Laterals |  |  |  |  | |
|  | 5. Drip end caps |  |  |  |  | |
|  | 6. 1000m inline emit pipes perforated at 30cm interval |  |  |  |  | |
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| **BILL 22: KAMLAZA DRIP KITS INSTALLATION WORKS CARRIED TO SUMMARY**  (Page 23) | | | | | |  | |

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| 21.0 FLI SCHEMES DRIP KITS INSTALLATION WORKS BILL SUMMARY | | |
| ITEM NO. | DESCRIPTION | AMOUNT (ZMK) |
| 21.1 | BILL 1: PRELIMINARY AND GENERAL ITEMS) TOTAL |  |
| 21.2 | BILL 2: NYAMPHANDE DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.3 | BILL 3: KAULU DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.4 | BILL 4: MAWANDA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.5 | BILL 5: NSAIKA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.6 | BILL 6: SINDA VILLAGE DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.7 | BILL 7: KAGORO DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.8 | BILL 8: CHIPILINGU DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.9 | BILL 9: ZINGALUME DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.10 | BILL 10: KAMANGA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.11 | BILL 11: MKANYA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.12 | BILL 12: MCHEREKA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.13 | BILL 13: KAPONGOLO DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.14 | BILL 14: ZOZWE DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.15 | BILL 15: KATHUMBA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.16 | BILL 16: MBANDE DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.17 | BILL 17: VUU DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.18 | BILL 18: CHISWA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.19 | BILL 19: JERUSALEM DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.20 | BILL 20: KAKUMBA DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.21 | BILL 21: RUKUZYE DRIP KITS INSTALLATION WORKS TOTAL |  |
| 21.22 | BILL 22: KAMLAZA DRIP KITS INSTALLATION WORKS TOTAL |  |
| **TOTAL** | |  |
| **ADD** VALUE ADDED TAX, AT 16% | |  |
| **GRAND TOTAL** | |  |
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| **CONTRACT SUM** | |  |