**BILL OF QUANTITIES**

1. **Description and rate of Items based on Composite Schedule of Rates.**

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| --- | --- | --- |
| **SUBJECT: P/L 12” Dia R.C.C Pipe Drain at House K.E.S.C**  **No.2590 to House K.E.S.C No.1687 Block “B”**  **Abidabad in UC-31 DMC (West) Baldia Zone.** | **Estimate Cost** | **9,98,381/-** |

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| **Item No.** | **Quantities** | **Description of item to be executed at site** | **Rate** | **Unit** | **Amount in Rupees** |
| 1 | 3600 | Excavation for pipe line in trenches, and pits in all kind of soil of Murum Shape Leveling of beds of trenches to correct lever & grade, surplus earth within a one chain as directed by Eng incharge. | 4650 | %Cft | 16740/- |
| 2 | 7200 | Excavation for pipe line in trenches, and pits in hard rock by hammering and chiseling i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth within a one chain as directed by Engineers Incharge. Providing fence guards. Lights flags and temporary crossings for non-vehicular traffic where ever required lift up to 5ft. (1.52m) and lead upto one chain (30.5m) | 24150 | P-Cft | 173880/- |
| 3 | 800 | P/L reinforced cement concrete pipes with rubber rings i/c cartage, loading unloading at site of work fixing in trenches cutting fitting, jointing with rubber rings etc complete KWSB Approved Rate, M/S Balochistan R.C.C Pipe Co. M/S Pakistan construction (Pvt.) Ltd. M/S Kamal R.C.C Pipe Co. 12”dia pipe | 412.00 | P/rft | 329600/- |
| 4 | 31 | Construction of 4” dia manhole inside complete with 21”dia c c 1:2:4 pre cast C.I frame 15kg i/c the cost of M.S bars reinforcement and two handles 5” clear depth c c 1:2:4 cast in situ walls with 50% screened graded bajri of 9” thick i/c bending and channel i/c inside walls surface complete i/c cutting asphalt roads excavation in all kind of soil back filling and disposal of surplus stuff (KW&SB) approved rate. | 14529.29 | Each | 450408/- |
| 5 | (-) 15.5 | Extra depth beyond 5” ft or less then 5 deducted at the same rate (KWSB) approved rate. | 2538.60 | Pft | (-) 39344/- |
| 6 | 9720 | Refilling the excavated stuff & surplus Earth etc. complete. | 2760 | %Cft | 26827/- |

**PTO**

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| 7 | 1080 | Carriage of 100-Cft tons of all kind material like Cole brick i/c loading unloading 10 mile. | 595.80 | %Cft | 6437/- |
| 8 | 10 | Manufacturing and supplying R.C.C main hole covers cast in situ 1:2:4 C.C. 3” inch deep in center reinforced with 3/8” dia M.S Bars welded on M.S. sheet i/c curing transportation.  21” dia.  24” dia. | 913.63 | Each | 9136/- |
| 9 | 10 | Manufacturing and supplying of R.C.C Ring Slab of 21” inside 36” dia outside 75 wide and to thick i/c 3/8” dia tor steel bar two concentric rings with 3/8” dia Nos. cross links bars welded and two sunk type hook, lasted in 1:1-1/2:3 concrete with embedded 15kg C.I frame in per feet position i/c terms partition charges for an average lead of 20 km per trip from casting yard to town office (A minimum of 25 slabs per trip will be transported.) | 1906.60 | Each | 19066/- |
| 10 | 10 | Rate analysis for shifting to the site and fixing 26” dia Ring Slab in perfect position on damage manhole i/c cutting of damage portion of mentioned in past shape and lying of cement concrete mortar of 2” thickness and disport | 563.09 | Each | 5631/- |

**Amount TOTAL (a) 9,98,381/-**

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**Basis of premium quoted. TOTAL (b)**

**Total (A) = a+b in words & figures:**

**A.E (B&R) A.E.E (B&R)**

**Contractor Executive Engineer/Procuring Agency**