

ESTIMATE FOR
**CONSTRUCTION OF RETAINING WALL (GABION
WALLPPA) AT MR/ ARANKAHADENIYA K.V**

PRESENTED BY

District Engineer's (Buildings) office, Matara

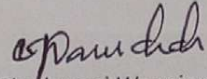
CONSTRUCTION OF RETAINING WALL (GABION WALLPPA) AT MR/ ARANKAHADENIYA K.V

| Item | Description | Amount (LKR) | Total (LKR) |
|-------|--|--------------|--------------|
| 1 | Estimated Amount As per Attached B.O.Q | 2,331,195.50 | |
| 2 | VAT 18.00% | 419,615.19 | 2,750,810.69 |
| 3 | Consultant fees 3.00% | 69,935.87 | |
| 4 | Contingencies 10.00% | 233,119.55 | |
| 5 | Price Escalation 2.00% | 46,623.91 | 349,679.32 |
| TOTAL | | (LKR) | 3,100,490.02 |


This estimate was prepared on the instruction of District Engineer (Buildings) and the rate prevailing in 2025 First Half - 2025/01/05.

All work necessary have been provided in this estimates. The Quantities and rates were checked and found correct.

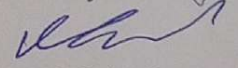
Prepared by
(S.I.W)


Chaturani Wanniarachchi

Checked by
(I.W)


K.K. Pinidiya

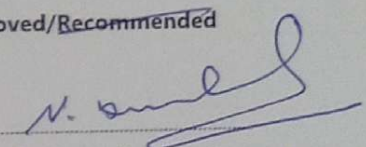
Checked by
(E.A)


Manoja Gulawita

Approved/Recommended

Divisional Engineer (Buildings)

Approved/Recommended


District Engineer (Buildings)
Mathara

17/03/2025
Eng. V.K.K. Juwanabadu
District Engineer (Buildings)
District Engineer (Buildings) Office
Pallimulla, Matara.

Approved

Chief Engineer (S.B/O.B)
Director of Buildings
Deputy Chief Secretary (Eng. Ser.)

CONSTRUCTION OF RETAINING WALL (GABION WALLPPA) AT MR/ ARANKAHADENIYA K.V

| ID | RS | Description | Unit | Qty. | Rate | Amount |
|---------------------|-----------|--|------|-------|-----------|--------------|
| (No Topic Assigned) | | | | | | |
| | | Earth Work | | | | |
| 1 | Ew08 | Excavation by machine for foundation in any material except requiring blasting , part return fill in and ram, and depositing surplus within site as directed | cu.m | 58.50 | 853.00 | 49,900.50 |
| 2 | Ew17 | Supplying and laying and compacting of ABC using vaccur (rammer -75 Kg) including transport within 10km | cu.m | 4.50 | 6,978.00 | 31,401.00 |
| 3 | Ew23 | Temporary shoring with 6mm thick steel plate with 2" diameter GI pipes vertically driven at 30" c/c permissible intervals and steel plate inserted between earth and pipes to the depth upto 8' as per drawing no SPES/Rate 23/ Ew 23.(contractor shall submit method statement to engineer's approval before excavation) | sq.m | 68.00 | 1,456.00 | 99,008.00 |
| 4 | Ew26 | Supplying and laying Geo-textile material 2.5 mm thick Including preparing surface as per instruction | sq.m | 60.00 | 899.00 | 53,940.00 |
| | | Total carried to summary | | | | 234,249.50 |
| | | Plumber | | | | |
| 5 | Pb-SSR-64 | Dewatering using 2" dia . Submersible water pump with operator. (water pump transport with 10 Km) | day | 10.00 | 10,560.00 | 105,600.00 |
| | | Total carried to summary | | | | 105,600.00 |
| | | General Works | | | | |
| 6 | GW-SSR-78 | 12" thick rubble packing including 8km local transport loading/unloading (Province irrigation R.S.No. SPID/CON/G/04) surface leveling for foundation | m3 | 9.00 | 9,244.00 | 83,196.00 |
| 7 | GW-SSR-77 | Supplying and placing PVC coated Gabion boxes (Mesh Wire Dia 2.7,selvadge wire dia 3.4 Lacing Wire Dia 2.2), including 40% 6"x9" & 60% 6"x4" rubble packing x100mm, placing (Diaphragms 1.0m centers) and arranging along the channel for 1.5x1.0x1.0m Gabion box (including transport 8km for rubble, 50km for gabion boxes)-(Provincial irrigation Rate-SPID/CON/K/13) | m3 | 60.00 | 22,975.00 | 1,378,500.00 |
| 8 | GW-SSR-76 | Supplying and placing PVC coated Gabion boxes (Mesh Wire Dia 2.7,selvadge wire dia 3.4 Lacing Wire Dia 2.2), including 40% 6"x9" & 60% 6"x4" rubble packing x100mm, placing (Diaphragms 1.0m centers) and arranging along the channel for 1.0x1.0x1.0m Gabion box (including transport 8km for rubble, 50km for gabion boxes)-(Provincial irrigation Rate-SPID/CON/K/12) | m3 | 10.00 | 26,598.00 | 265,980.00 |

| ID | RS | Description | Unit | Qty. | Rate | Amount |
|----|-----------|--|------|-------|-----------|--------------|
| 9 | GW-SSR-79 | Making cofferdam using polysack sand bag. Rate including packing, placing, removing sand bags and clearing sit as directed. (Cofferdam piles size 6mx0.9mx1.5m & not exceeding 8.1m3 volume & all material 01 use) (SPID/CON/K/08) | m3 | 17.00 | 15,510.00 | 263,670.00 |
| | | Total carried to summary | | | | 1,991,346.00 |

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Rate Schedule

Amount

(No Topic Assigned)

Earth Work

234,249.50

Plumber

105,600.00

General Works

1,991,346.00

Total**2,331,195.50**