

**Nepal Engineering College**  
(Affiliated to Pokhara University)  
Changunarayan, Bhaktapur

**Summary of Quantities**

| S.N.     | Description   | Quantity         | Unit                 |
|----------|---|------------------|----------------------|
| <b>1</b> | <b>Earth work</b>   |                  |                      |
| 1.1      | Earthwork(drain cut,slope cutting,structure cut) of ordinary soil | 6,578.18         |                      |
|          | <b>SubTotal</b>   | <b>6,578.18</b>  | <b>m<sup>3</sup></b> |
| 1.3      | Earthwork(ordinary fill/back fill ) of ordinary soil              | 6,331.11         |                      |
|          | <b>SubTotal</b>   | <b>6,331.11</b>  |                      |
| 1.4      | Drain work(left/right)  | 3,203.98         |                      |
|          | <b>SubTotal</b>   | <b>3,203.98</b>  | <b>m<sup>3</sup></b> |
|          | <b>Total</b>  | <b>16,113.27</b> | <b>m<sup>3</sup></b> |
| <b>2</b> | <b>Masonry work</b>   |                  |                      |
| 2.1      | Masonry Breast wall Volume(left)                                  | 377.90           |                      |
| 2.2      | Masonry Breast wall Volume(right)                                 | 174.10           |                      |
|          | <b>Total</b>  | <b>552.00</b>    | <b>m<sup>3</sup></b> |
| <b>3</b> | <b>Gabion retaining wall work( left\right)volume</b>              | <b>1,181.40</b>  |                      |
|          | <b>Total</b>  | <b>1,181.40</b>  | <b>m<sup>3</sup></b> |
| <b>4</b> | <b>Dry Retaining wall work(left\right)</b>                        | <b>326.86</b>    | <b>m<sup>3</sup></b> |
|          | <b>Total</b>  | <b>326.86</b>    | <b>m<sup>3</sup></b> |
| <b>5</b> | <b>Plain and Reinforced Cement Concrete for Structures</b>        |                  |                      |
| 5.1      | Supply and place concrete class M 10 (1:3:6)                      |                  |                      |
|          | <b>Box culvert</b>  | <b>4.00</b>      |                      |
|          | <b>Total</b>  | <b>4.00</b>      | <b>m<sup>3</sup></b> |
| <b>6</b> | <b>Sub-base, Base and Shoulders</b>                               |                  |                      |
| 6.1      | sub base material   | 3076.25          | <b>m<sup>3</sup></b> |
| 6.2      | Base course material  | 12305            | <b>m<sup>2</sup></b> |