



FULL BILL OF QUANTITY

Item	Description	Unit	Quantity	Rate	Amount
1	Site establishment	sum	1		
2	Contractual requirements	sum	1		
3	Excavate and trim to lines and grades for foundations.	m ³			
4	Excavate material behind proposed wall face to specified width and spoil, to allow for placement of geosynthetic reinforcement and imported fill	m ³			
5	Excavate material behind proposed wall face to specified width and stockpile, to allow for placement of geosynthetic reinforcement and stockpiled fill.	m ³			
6	trimming of batter faces to correct angle and embankment preparation work prior to placement of retaining wall blocks and fill	m ²			
7	Supply and place 20Mpa concrete in foundations as per detail, or	m ³			
8	Supply and place crushed stone / gravel pad in foundations as per detail	m ³			
9	Supply and place steel reinforcement in foundations and walls if specified	kg			
10	Supply and install TERRAFORCE BLOCKS TYPE _____	m ²			
11	Granular fill from stockpile: Supply, spread in layers less than 150mm thick, water to optimum moisture content and compact fill to 90% Mod AASHTO	m ³			
12	Granular fill supplied by others to the workface: Supply, spread in layers less than 150mm thick, water to optimum moisture content and compact fill to 90% Mod AASHTO	m ³			
13	Granular fill obtained from commercial sources: Supply, spread in layers less than 150mm thick, water to optimum moisture content and compact fill to 90% Mod AASHTO	m ³			
14	Supply, install at specified elevation and orientation geosynthetic reinforcement type _____. Fill shall be placed, spread and compacted in such a manner that eliminates the development of wrinkles and/or movement of geosynthetic reinforcement.	m ²			
15	Supply, install at specified elevation perforated drainage collection pipe type _____ to maintain gravity flow of water to outside of reinforced soil zone.	m			
16	Wrap drainage collection pipe and 19mm drainage aggregate in drainage material type _____	m			
17	Supply and install drainage filter fabric type _____ along excavated batter as specified	m ²			
18	Supply and lay Findrain / Wickdrain ...mm wide at 45° angles along excavated batter at 2m centres, as per the specifications. Connect to perforated collector pipe. Pipe measured under item 15.	m			
19	Fill retaining blocks with garden soil lightly tamped as the work proceeds	m ³			
20	Professional Engineer's design fees	%			
21	Professional Engineer's supervision fees	sum			