

### **Entry Stage**

Using the information given, create

1. Bill of quantities and quote for client for this small test piece.
2. Create a construction Phase Plan in line with CDM 2015 CDM work.
3. Estimate length of time it would take for two people, 1 skilled, 1 labourer to complete the task.

Some prices and quantities have been given.

Scope of Works

**(Use a combination of this and the drawings to calculate your prices)**

Works to be carried out by landscape contractor:

Small test plot to be constructed to the specification listed below.

Site Clearance and Preparatory Works:

- Remove all unwanted planting and turf and dispose. A skip is available and can be used free of charge.
- Mark out and dig out relevant areas as per the plan
- Install suitable sub-bases where required for paved areas etc

Two panels within patio

- Install two panel screens within patio as per plan using 75mm treated posts and fixed with Postcrete. Bottom of post in concrete should be lined with plastic and finish of concrete should be away from the posts. Gravel boards are being used as screening and should be fixed to posts with two countersunk screws on each post.
- Spacing. Bottom spacing 42mm, all other spacings 43mm, finished height of 1500mm.

Decking area

- Install composite deck to front of plot. Decking should be placed on a suitable framework that will accommodate the banding around the exterior and the two right angles. Band should be mitred. Joists should be at 400mm spacings max and you should consider noggins for joist runs of over 2.4m. The most common joist used is 150 x 47mm, it is recommended that this is the minimum dimension for decking platforms. The best practice of selecting is to use certified timber joists that have been regularized, air or kiln dried and also treated to at least Use-Class 3. (See separate drawing for decking frame construction)



- Decking boards should be fixed with decking screws 63mm and heads countersunk. There should be at least 2 fixings per joist. Spacing between boards should be a minimum of 5mm, but is at landscapers discretion. Spacing **MUST** be consistent.

#### Paved areas

- Dig out to a sufficient depth, lay a suitable non woven Geo textile matting and install 100mm type 1 compacted sub base over all paved and block paved areas.
- Install sandstone paving to all paved areas shown on the plan in a staggered or half bond pattern with 10mm joint width. Lay on a minimum of 30mm full bed of mortar, ensuring that slurry primer is applied to back of each slab.
- Grout with suitable non permeable grout as supplied by manufacturer
- For concrete paver areas after compaction you should have a 40mm bedding layer of sharp sand.
- Lay blocks in a continuous vertical bond. After compaction, fill joints with Kiln dried sand.

Water Feature and lighting. (NB Electric double socket is housed to the rhs of plot behind hedgerow)

- This is a simple water feature. Dig out area for reservoir. This should be a minimum of 920mm diameter and 350mm depth. Place geotextile in hole and compact 50mm type 1 mot. Spread a thin layer of sand over the top and screed to ensure it is level. Install reservoir, check again levels.
- Install pump and use conduit to track cable to electric point.
- Fill in around reservoir install feature ball and then surround with pebbles.
- Low voltage light fittings to be placed around the garden at landscaper's discretion / design. Cabling to track back to electric point at rear of hedge.

#### Planting

- Instant hedge is supplied in 500mm units. Area is 1420 so one unit or each unit will need rootball shaved to accommodate planting.
- Remaining planting areas should be planted with a range of shrubs and garden tree in top right-hand border and staked/tied and under planted. The client wants plants that will create all year-round interest.

#### Turfing

- Area should be prepared for turf, raked and treaded and re raked, ensuring free of lumps and voids. Turf laid with the use of boards and then watered in.