
Series 3000: Landscape and Ecology (05/01)

1 General

Landscape and Ecology works measured in this Series shall comprise the separate measurement of new landscape and ecology works and the measurement of maintenance of existing landscaped and other areas.

2 Preparation of Bill of Quantities

The compiler's attention is drawn to the difference between the measurement approach adopted for new landscape and ecology works and that for maintenance of existing areas.

Separate items shall not be measured for any establishment and maintenance works associated with new landscaping, except for mulching, as these items are included in the item coverage for new planting and the like. Contractors are deemed to have allowed within their rates and prices for all post-planting establishment and maintenance work to be carried out during the Contract Period.

Works to be carried out in advance of planting are to be measured separately.

3 Vegetation Clearance

The compiler's attention is drawn to the necessity to measure vegetation clearance in addition to any areas of site clearance that may be measured elsewhere in the Bill of Quantities.

Since the work required to be carried out in association with vegetation clearance differs from that to be carried out under site clearance, an item of general site clearance should always be measured in connection with any areas which require vegetation clearance.

4 Mulching

Where mulching is required it shall be measured irrespective of whether it is applied to new areas of planting or in connection with the maintenance of existing areas.

5 Weed Control, Maintenance of Established Trees and Shrubs, Maintenance of Grassed Areas and Maintenance of Wild Flower Areas, Areas of Nature Conservation Value and Ornamental Planting Areas

Items under these headings shall only be measured separately in connection with maintenance of existing areas. Weed control and the like in connection with areas of seeding, turfing and new planting is included in item coverage in the relevant paragraphs and for which allowance is deemed to have been made by the Contractor in his rates and prices.

6 Special Ecological Measures

Due to the widely ranging elements dealt with under this heading the compiler should satisfy himself as to the adequacy of the item coverage at paragraphs 46 to 51 and amend this as necessary to suit the requirements of the particular design.

7 Staged Payments

The rates and prices inserted in the Bill of Quantities by the Contractor for new Planting, Seeding and Turfing measured in accordance with Series 3000 include for all post-planting work required to be carried out in accordance with the Specification and the relevant Appendices.

In order to properly reflect the nature, extent and timing of the various planting and post-planting work to be carried out during the course of the Contract, the compiler's attention is drawn to the requirement for a staged payment schedule as set out in Table 5 of Volume 4 - Section 1. This schedule, which is only in respect of planting, seeding and turfing, as measured in accordance with paragraphs 6 to 13 inclusive, is to be completed by the compiler and inserted in the Bill of Quantities immediately preceding the Collection Page for Landscape and Ecology.

The compiler should also note the requirement to insert the frequency at which payments are to be made. It is suggested that 6 monthly intervals is a reasonable frequency but the compiler may enter any frequency having given due regard to the extent of the works and the period over which the post-planting work is to be carried out.

The compiler may also wish to amend the Staged Payments Schedule to differentiate between summer and winter post-planting work.

The following table shows indicative percentages that may be applicable for use in the Staged Payments Schedule. Notwithstanding the percentages shown below the compiler must ensure that the percentages entered in the Staged Payments Schedule represent the scope and extent of the work required to be carried out for the particular contract.

Activity	Percentage to be paid on planting	Percentage to be paid in respect of post-planting works	Total
Grass Seeding:			
High Frequency Cuts	80	20	100%
Medium Frequency Cuts	85	15	100%
Low Frequency Cuts	90	10	100%
Minimal Frequency Cuts	95	5	100%
Wildflower Seeding	80	20	100%
Turfing	65	35	100%
Trees including whips	90	10	100%
Shrubs including transplants	70	30	100%
Wildflower Plants	98	2	100%
Hedge Plants	75	25	100%
Emergent, Marginal and Aquatic Plants	100	0	100%
Bulbs			
in grassed areas	100	0	100%
in beds	80	20	100%

The compiler's attention is drawn to the following notes relating to the indicative percentages shown above and which must be taken into account when preparing the Staged Payments Schedule for inclusion in the Bill of Quantities:

1. The percentages shown for grass/turf/wildflower seeding and planting assume machine cutting of clear areas using ride-on mowers. The percentage should be adjusted if the compiler considers that pedestrian mowers will be used and/or any obstacles to be cut around will unduly influence the indicative percentages shown.
2. The post-planting work percentages should be increased if the contract includes a significant amount of cutting slopes.
3. All indicative post-planting work percentages exclude watering. Where a watering requirement is anticipated the percentages shown above should be adjusted to reflect this.