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## ***CONTRACT:***

### **Bush Regeneration**

The nursery adopts a Ten Point Plan for planting

- 1) Determine the objective(s)
- 2) Identity and characterize the site
- 3) Determine the species and time frame
- 4) Collect the seeds, cuttings and seedlings
- 5) Propagate the plants
- 6) Prepare a planting plan
- 7) Prepare the site while young plants are growing
- 8) Plant first year species
- 9) Maintain (Watering, releasing, staking as required) and monitor
- 10) Continue planting, maintenance and monitoring over subsequent years until self sustaining

### **Principles**

- 1) Create whole plant communities
- 2) Plant species that grow naturally together in the region
- 3) Propagate from parents growing naturally in the region (using local plant provenance)
- 4) Select species that are easy to propagate and grow successfully without constant care
- 5) Plant in places where the plants will flourish and serve a variety of ecological and social roles
- 6) To encourage educate and promote the use and conservation of indigenous and endemic plants

### **Collection of Native seed and propagation material**

When collecting material the nursery staff will abide by the following rules

- 1) No more than 30% of seed shall be removed from any one plant
- 2) To ensure that any cutting or propagating tools are clean to prevent the spread of viruses
- 3) To ensure that any cuttings taken from any plant does not constitute more than 5% of the plants biomass
- 4) That seedlings collected do not constitute more than 10% of existing seedlings of a similar age
- 5) To take plants from multiple plants of the same species to encourage biodiversity
- 6) To vary collecting areas where possible, year to year, to prevent constant exploitation of an area





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### **Propagation of Native Plants**

- 1) To harvest, process and store seed to least affect viability
- 2) To manage diseases and pests of seed, propagation material and plants
- 3) To propagate plant species by the best-known methods using seeds, seedlings and seedlings collected in their natural habitat, cuttings, layering or division.
- 4) To use propagation structures, equipment and materials correctly and differently as required
- 5) To keep records and information on different species

### **Growing on of Native Plants**

- 1) Use of hard plastic seedling trays, cellplug trays and 'Hygiene' trays for seedlings and cuttings
- 2) Transplanting seedlings into cellplugs and root-trainer books placed in baskets and rigid frames during growing season when seedling and cutting trays have been outgrown
- 3) Young plants are transplanted into PB2/PB3 planter bags during the growing season when species have outgrown book cavity
- 4) Plants are then grown-on on site using appropriate quantities of water and supplementary fertiliser to optimize growth
- 5) Monitor and take appropriate action to manage pests and diseases
- 6) Harden plants off by reduction of irrigation, wind shelter and fertiliser prior to winter

### **Materials**

- 1) Propagation media is peat, sand and grit for seed-sowing mixes
- 2) Rooting mixes consist of pumice, sand, grit and bark fines
- 3) Potting mix – bark consists of 8-10mm fines and under
- 4) 1 part pumice to 4 parts Nitrogen stabilized bark mix (Calcium ammonium nitrate) pH 5.8-6.5 and 8-9 month Osmocote
- 5) Fertiliser supplement to be Phostrogen folair with micro nutrients

