

Schedule 4

Annex B

List of Invasive Species

1. The species falling in either Category 1 or Category 2 shall be designated as Invasive Species under the Concession Agreement.

- 1.1 Category-1:** The worst terrestrial invasive flora of Pakistan includes the following 6 plant species:

- i. The following common species of Mesquite:
- ii. mesquite (*Prosopis juliflora*)
- iii. honey mesquite (*Prosopis glandulosa*)
 - a. English name: also Devil tree in some countries
 - b. Local name: Kabuli kikar, valayati jand Tree
- iv. *Broussonetia papyrifera*
 - a. English name: Paper mulberry
 - b. Urdu name; Kaghzi toot
- v. *Eichhornia crassipes*)
 - a. English name: water hyacinth
 - b. Urdu name: jal khumbi
- vi. *Salvinia molesta*,
 - a. English name: giant salvinia or kariba weed or water fern
 - b. Sindhi /Urdu name: not known
- vii. *Parthenium hystrophorus*
 - a. English name: Ragweed, carrot grass, congress grass, white top, baby flower, flat sedge
 - b. Local name: Gandi booti
- viii. *Lantana camara*
 - a. English name: arch man, tick berry
 - b. Indian name: bands; nagaairi; phullaki; putus; tantbi

- 1.2 Category-2:** The plant species, which are less invasive and harmful, include the following:

- i. *Ailanthus altissima* (English name: Swingle Tree of heaven)
- ii. *Bougainvillea glabra* (English name: Paper flower Tree)
- iii. *Citharexylum spinosum* (Ratanuath Tree)
- iv. *Leucaenaleucocephala* (ipil ipil , Kubabhal Tree)

- v. *Ligustrum lucidum* Ait. (Glossy privet Tree)
- vi. *Pistacia chinensis* (Chinese pistacia, green almond Tree)
- vii. *Robinia pseudo-acacia* (Black locust Tree)
- viii. *Sapium sebiferum* (Chinese Tallow) Pahari Shisham Tree
- ix. *Conocarpus erectus*

2. Any specie designated or notified as Invasive Specie either by Concessioning Authority or the Government of Punjab, Pakistan.