



Texas Cooperative

EXTENSION

The Texas A&M University System

• Extension Biological and Agricultural Engineering

301 Scoates Hall • College Station, Texas 77843-2117 • Phone (979) 845-7453 • Fax (979) 862-3442  
October 20, 2006

**MEMORANDUM OF AGREEMENT**

**BETWEEN:** Hidalgo County, Precinct 2 and  
Texas Cooperative Extension Hidalgo County Office

Overview: Texans utilize 40 to 60% of water resources for irrigating landscapes. As this resource becomes scarce, due to population growth and affected by drought, it is imperative that residents reduce water consumption. The Texas Cooperative Extension, as part of the land-grant university system, has been designated by the State legislature to serve the State as the primary educational resource for water conservation and water quality. To this end, an agreement has been proposed between Hidalgo County, Precinct 2, through Commissioner Hector Palacios and the Texas Cooperative Extension to utilize the North San Juan Park facility as an outdoor classroom where residents can learn to reduce water by utilization of native and well adapted plants, drip irrigation, and rainwater harvesting.

The Texas Cooperative Extension proposes to install a Rainwater Harvesting System in the North San Juan Park through the support of its Rio Grande Basin Initiative grant, as follows:

Installation of two Rainwater Harvesting (RWH) Tanks to feed drip irrigation in nearby plant beds. All associated pipe, fittings, drip irrigation to nearby beds, site preparation, and custom built fiberglass tanks, labor and equipment to perform tasks will be provided by the Texas Cooperative Extension. The following is a breakdown of the costs associated with this project:

1 -	1,000 gallon custom built, fiberglass RWH Tank	\$ 1,296.00
1 -	2,000 gallon custom built, fiberglass RWH Tank	\$ 1,588.00
	Pipe, fittings, drip irrigation, & paint to support above	\$ 2,390.00
	Delivery of Tanks and equipment (2 trips)	\$ 1,900.00
	Labor costs for one Engineer and three technicians,	\$ 2,700.00
	Travel expense for staff (3 trips)	\$ 3,600.00
	Educational Signage	160.00

Total Project Cost \$ 13,634.00

Signed: \_\_\_\_\_  
Hidalgo County

Signed: Bence J. Feulner  
Texas Cooperative Extension

Date: \_\_\_\_\_

Date: 10-20-06