



January 18, 2018

Adrian Montemayor, System Manager
Rio Bravo Water Treatment Plant
515 Martha
Rio Bravo, Texas 78046

Ref: **Rio Bravo & El Cenizo Water System
Control Valve Supply to El Cenizo Elevated Tank
Proposal for Professional Engineering Services**

Mr. Montemayor,

At your request, we are pleased to provide the following proposal for engineering and surveying services on the above referenced project. We understand that this project involves developing construction plans to replace both existing Pressure Reducing Valves (PRV) on the El Cenizo 8" and 12" supply mains that no longer function. The existing PRVs are inside concrete vaults located in the Espejo Molina right-of-way north of Rosales Street.

As shown in the attached exhibit, the western PRV will be replaced with a throttling Motor Operated Valve (MOV) and flow meter capable of interfacing with the system's SCADA telemetry system. This will allow the El Cenizo Elevated Storage Tank to be properly filled, cycled and returned to service. The eastern PRV will be replaced in a new, accessible vault and will serve as a necessary, redundant supply source. These improvements must be constructed in phases to maintain continuous service to the El Cenizo system. Phased traffic control and barricade plans will be included for traffic safety during construction along this County road.

We will conduct topographic surveys of the site, prepare site plans, details, technical specifications and cost estimates for all piping, valves, meters, and related water main infrastructure, which will be constructed through a County request for proposal (RFP) process. Telemetry equipment and instrumentation to control the MOV will be furnished and installed separately by the County through their SCADA consultant. No construction easements or related survey documents are anticipated. As-built drawings will be submitted to the County at project completion.

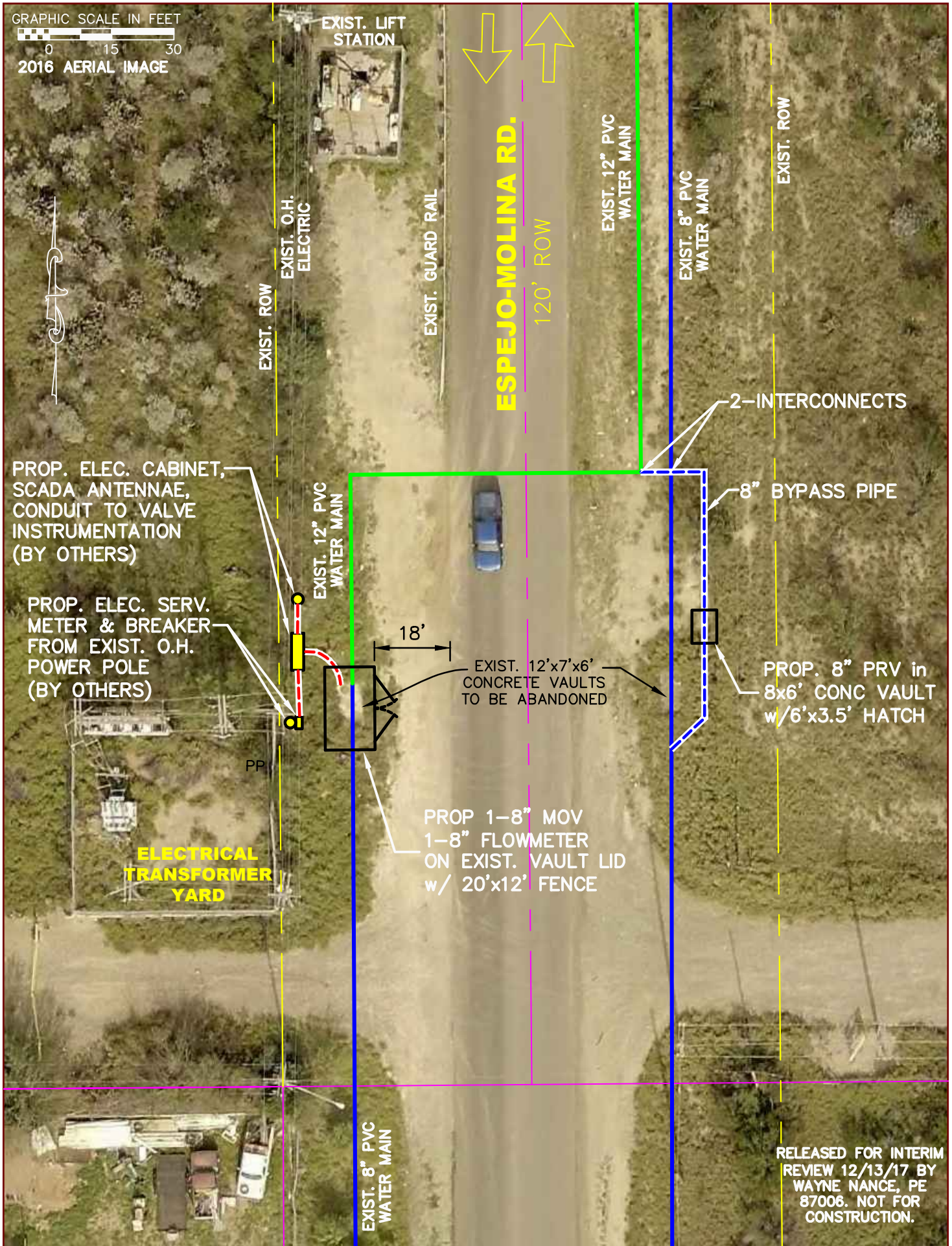
We propose to provide these services for a lump sum fee of \$36,000.00. We expect to have plans complete within 60 days of receiving your authorization to proceed.

We appreciate the opportunity to provide the County this proposal. We look forward to working with you on this project. If you have any questions, please contact me.

Sincerely,

Wayne Nance, PE, RPLS

GRAPHIC SCALE IN FEET
 0 15 30
 2016 AERIAL IMAGE



RELEASED FOR INTERIM REVIEW 12/13/17 BY WAYNE NANCE, PE 87006. NOT FOR CONSTRUCTION.