



Resolution No. 09-2005-261

**RESOLUTION OF THE
WHITE MOUNTAIN APACHE TRIBE OF THE
FORT APACHE INDIAN RESERVATION**

(Approving Professional Services Agreement between the White Mountain Apache Tribe and Zonge Engineering and Research Organization)

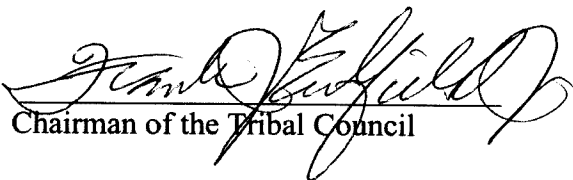
- WHEREAS**, water for domestic, municipal, and industrial uses on the Fort Apache Indian Reservation [Reservation] in the vicinity of Hondah and McNary along the Mogollon Rim [Rim] is presently derived solely from groundwater in shallow and intermediate-depth aquifers; and
- WHEREAS**, some of the existing wells have experienced failures related to water quality and/or quantity in the past several years; and
- WHEREAS**, the Tribal population is anticipated to continue to grow at a rapid rate, which much future development slated for the Mogollon Rim area on the Reservation; and
- WHEREAS**, exploratory drilling in 2003 revealed that groundwater supplies from shallow and intermediate-depth aquifers overlying the deep Coconino Aquifer are not of sufficient capacity to sustain future Tribal growth along the Rim; and
- WHEREAS**, the deep Coconino Aquifer has sufficient water to sustain growing Tribal domestic, industrial, and municipal needs for many years to come; and
- WHEREAS**, installing a large-capacity well in the Coconino Aquifer is anticipated to cost more than \$500,000 and every effort must be taken to ensure the best possible drilling site and methodology; and
- WHEREAS**, surface geophysics has proven to be an effective tool for locating fracture zones that produce groundwater in other areas of the Coconino Aquifer off Reservation; and
- WHEREAS**, Zonge Engineering and Research Organization has submitted a highly competitive and technically sound proposal for conducting a surface geophysics survey of the Hondah-McNary area to attempt to identify water-bearing fracture zones in the Coconino Aquifer and, thereby, to locate the best drilling site for a new Tribal well in the Coconino Aquifer; and
- WHEREAS**, Zonge Engineering has demonstrated the success of its method in recent surveys in other areas of the Coconino Aquifer west of Show Low; and

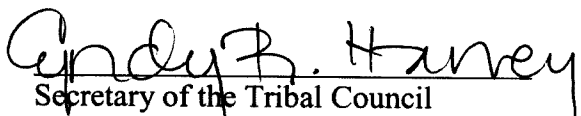
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WHEREAS, the U.S. Indian Health Service, under project number PH 02-B89, has committed to funding the work described in the Scope of Work section of the attached PSA.

BE IT RESOLVED by the Tribal Council of the White Mountain Apache Tribe that it hereby approves the attached Professional Services Agreement [PSA] incorporated by reference herein between the White Mountain Apache Tribe and Zonge Engineering and Research Organization for the execution and completion of a surface geophysics survey in the Hondah-McNary area designed to identify water-bearing fracture zones in the Coconino Aquifer.

The foregoing resolution was on SEPTEMBER 14, 2005, adopted by a vote of FIVE for and ZERO against by the Tribal Council of the White Mountain Apache Tribe, pursuant to the authority vested in it by Article IV, Section 1 (a), (b), (f), (g), (h), (i), (j), (k), (q), (s), (t) and (u) of the Constitution of the Tribe, ratified by the Tribe September 30, 1993, and approved by the Secretary of the Interior on November 12, 1993, pursuant to Section 16 of the Act of June 18, 1934 (48 Stat. 984).


ACTING Chairman of the Tribal Council


Secretary of the Tribal Council