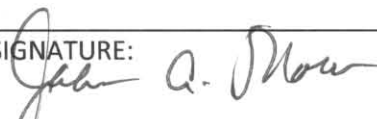


**TIER-1 APPLICATION TO THE NEW MEXICO INTERSTATE STREAM COMMISSION  
FOR NEW MEXICO UNIT OR WATER UTILIZATION ALTERNATIVE  
UNDER THE ARIZONA WATER SETTLEMENTS ACT**

**APPLICANT INFORMATION (PRINT OR**

**DATE:** 6-20-2011

<b>1. Legal Name:</b> City of Lordsburg	<b>2. Organization:</b> Municipality			
<b>3. Address (street, city, county, state, and zip code):</b>  409 W. Wabash Ave. Lordsburg, NM 88045	<b>4. Name, email, and phone number of contract person:</b>  John A. Mora <a href="mailto:Environmental.dept@cityoflordsburg.org">Environmental.dept@cityoflordsburg.org</a> 575.313.3894			
<b>5. TYPE OF APPLICATION (check one):</b> <input type="checkbox"/> Final <input checked="" type="checkbox"/> Preliminary for review <input type="checkbox"/> Revised	<b>6. TYPE OF APPLICANT (CHECK BOX):</b> <input checked="" type="checkbox"/> local governments or municipalities  <input type="checkbox"/> soil and water conservation districts, irrigation districts or commissions, acequias, or other political subdivision of the State of New Mexico  <input type="checkbox"/> institutions of higher education or a consortium of such institutions  <input type="checkbox"/> non-profit organizations or associations  <input type="checkbox"/> private individual/s  <input type="checkbox"/> federal agency (ies)  <input type="checkbox"/> Other (specify)			
<b>7. BRIEF PROJECT DESCRIPTION:</b> This application supports the refurbishment of the City of Lordsburg's Main 2.5 million gallon storage reservoir, which was placed in inactive status in February 2011, due to structural deficiencies.				
<b>8. AREAS AFFECTED (describe by county, municipality, township, etc. as applicable):</b> City of Lordsburg Glen Acres Subdivision				
<b>9. TOTAL FUNDING REQUESTED (in \$1,000): 333.9</b>				
2012: \$333.9	2013:	2014:	2015:	2016:
2017:	2018:	2019:	2020:	2021:
<b>10a. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED REQUIREMENTS AND ASSURANCES IF THE PROPOSAL IS ACCEPTED.</b>				
<b>10b. TYPED OR PRINTED NAME OF AUTHORIZED REPRESENTATIVE:</b> JOHN A. MORA	<b>11. TITLE:</b> Environmental Dept. Supv.	<b>12. PHONE NUMBER:</b> 575-313-3894		
<b>13. SIGNATURE:</b> 			<b>DATE:</b> 6-20-11	

March 23, 2011

14. Evaluation criteria. Comprehensive responses to criteria A through D should be supported where possible by the best available science and scientific data, studies, models, and, where applicable, cite state, regional, or other water plans. Where such data and information is not available, applications should include best estimates and describe how such information would be

**A. State whether the proposal is for the “New Mexico Unit,” a “water utilization alternative,” or both.**

Water Utilization Alternative

**B. Describe how the proposal will meet a “water supply demand” in the Southwest New Mexico Water Planning Region, comprised of Catron, Grant, Hidalgo and Luna Counties.**

This proposal will return the City of Lordsburg’s water storage capacity to its original amount (2.5 million gallons), and possibly increase storage capacity by 40%, to meet the possible increase of 48 acre-feet per annum\* of demand expected from the addition of Glen Acres Subdivision.

*\*Usage data acquired from the Office of the State Engineer, District 3 Office, Deming, NM*

**C. Describe how the proposal considers the Gila environment and describe how any negative impacts might be mitigated.**

This proposal has no effect or negative impact on the Gila environment.

**D. Describe how the proposal considers the historic uses of and future demands for water in the Southwest New Mexico Water Planning Region and the traditions, cultures and customs affecting those uses.**

The City of Lordsburg's Main drinking water reservoir (2.5 million gallon capacity) was placed on inactive status in February 2011, due to structural deficiencies. Due to limited funding and time constraints, the City of Lordsburg was able to construct a 1 million gallon replacement tank, a storage reduction of 60%. This reduced the system's reliability for safe drinking water supply and fire protection.

At the present time, negotiations are under way between the City of Lordsburg and Glen Acres Subdivision, to provide drinking water to the subdivision. Glen Acres subdivision is currently under an NMED compliance order for high levels of Fluoride and Uranium. Since there is no practical and cost effective way to reduce the Uranium levels in the water, NMED is encouraging the regionalization of water systems in situations such as this.

The refurbishment of the original tank would return the City of Lordsburg to its original storage capacity with the possibility of increasing the capacity by 40%, to accommodate the possible increase in demand.

No increase of water usage from the Lordsburg Valley Underground Water Basin is anticipated.

**OPINION OF PROBABLE PROJECT COST  
CITY OF LORDSBURG -  
2.5 Million Gallon Water Tank Rehabilitation**



**March 9, 2011**

The unit prices used in this Opinion of Probable costs are based on 2010 and 2011 construction experience. All costs have been escalated to 2011 dollars. If construction is not completed in 2011, these costs should be escalated annually until construction is complete.

The following is our opinion of most probable project costs based on our best judgment and experience. Since we have no control over the cost of labor, materials, equipment, competitive bidding, or market conditions, we cannot guarantee that the actual project or construction costs will not vary from the opinion of probable cost prepared.

The total project cost will also be affected by the time of year that bids are solicited, the amount of time allocated for construction, and the total amount of construction performed under a particular contract.

The tank was inspected by Engineers Inc. in 2008. The rehabilitation cost shown below is based on the inspection completed in 2008. A thorough inspection is recommended to calculate an Opinion of Probable Construction cost based on current condition.

ITEM NO.	QUANTITY	UNIT OF MEASURE	ITEMS	UNIT PRICE	AMOUNT
1	44768	SQ. FT.	Clean interior and exterior of existing 2.5 million gallon water tank. Sandblast, prime and finish paint all surfaces. Disinfect interior and chlorinate as required.	\$ 5.53	\$ 247,567.04
				<u>Sub-Total Construction</u>	\$ 247,567.04
				<u>10% CONTINGENCY</u>	\$24,756.70
				<u>GRT @ 7.25%</u>	\$17,948.61
				<b>Total Construction</b>	<b>\$ 290,272.35</b>
				<u>ENGINEERING</u>	\$ 22,321.00
				<u>CONSTRUCTION ENGINEERING</u>	\$ 13,050.00
				<u>OTHER PROFESSIONAL</u>	\$ 5,260.00
				<u>SILVER CITY GRT @ 7.375%</u>	\$ 2,996.54
				<b>TOTAL PROJECT</b>	<b>\$ 333,899.89</b>