

**Application for Federal Assistance SF-424**

\* 1. Type of Submission:

- Preapplication  
 Application  
 Changed/Corrected Application

\* 2. Type of Application:

- New  
 Continuation  
 Revision

\* If Revision, select appropriate letter(s):

\* Other (Specify):

\* 3. Date Received:

10/26/2010

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

**State Use Only:**

6. Date Received by State:

7. State Application Identifier:

**8. APPLICANT INFORMATION:**

\* a. Legal Name:

Chemehuevi Indian Tribe

\* b. Employer/Taxpayer Identification Number (EIN/TIN):

86-0252239

\* c. Organizational DUNS:

0287351650000

**d. Address:**

\* Street1:

P.O. Box 1976

Street2:

\* City:

Havasu Lake

County/Parish:

San Bernardino

\* State:

CA: California

Province:

\* Country:

USA: UNITED STATES

\* Zip / Postal Code:

92363-1976

**e. Organizational Unit:**

Department Name:

Division Name:

**f. Name and contact information of person to be contacted on matters involving this application:**

Prefix:

Mr.

\* First Name:

Bill

Middle Name:

\* Last Name:

Cox

Suffix:

Title:

Chemehuevi Realty Department

Organizational Affiliation:

\* Telephone Number:

7608581116

Fax Number:

(760) 858-1805

\* Email:

tribe@citlink.net

**Application for Federal Assistance SF-424**

**\* 9. Type of Applicant 1: Select Applicant Type:**

1: Indian/Native American Tribal Government (Federally Recognized)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

**\* 10. Name of Federal Agency:**

US Department of Housing and Urban Development

**11. Catalog of Federal Domestic Assistance Number:**

14.862

CFDA Title:

Indian Community Development Block Grant Program

**\* 12. Funding Opportunity Number:**

FR-5415-N-08

\* Title:

Indian Community Development Block Grant (ICDBG)

**13. Competition Identification Number:**

ICDBG-08

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Add Attachment

Delete Attachment

View Attachment

**\* 15. Descriptive Title of Applicant's Project:**

Chemehuevi Homesites Water Tank Replacement and System Connections.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**Application for Federal Assistance SF-424**

**16. Congressional Districts Of:**

\* a. Applicant

b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

**17. Proposed Project:**

\* a. Start Date:

\* b. End Date:

**18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="605,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="605,000.00"/>

**\* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

**\* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

- Yes
- No

If "Yes", provide explanation and attach

**21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

\*\* I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

**Authorized Representative:**

Prefix:  \* First Name:

Middle Name:

\* Last Name:

Suffix:

\* Title:

\* Telephone Number:  Fax Number:

\* Email:

\* Signature of Authorized Representative:  \* Date Signed:

Facsimile Transmittal

U. S. Department of Housing and Urban Development  
Office of Department Grants Management and Oversight

OMB Approval No. 2525-0118  
exp. Date (5/30/2008)

1285964656-4186

\* Name of Document Transmitting: Hold

1. Applicant Information:

\* Legal Name: Chemehuevi Indian Tribe  
\* Address:  
\* Street1: P.O. Box 1976  
Street2:  
\* City: Havasu Lake  
County: San Bernardino  
\* State: CA: California  
\* Zip Code: 92363-1976 \* Country: USA: UNITED STATES

2. Catalog of Federal Domestic Assistance Number:

\* Organizational DUNS: 0287351650000 CFDA No.: 14.862  
Title: Indian Community Development Block Grant Program  
Program Component:

3. Facsimile Contact Information:

Department:  
Division:

4. Name and telephone number of person to be contacted on matters involving this facsimile.

Prefix: \* First Name: Phil  
Middle Name:  
\* Last Name: Entz  
Suffix:  
\* Phone Number: 602-678-0533  
Fax Number:

\* 5. Email: phil@urbantech-ltd.com

\* 6. What is your Transmittal? (Check one box per fax)

a. Certification  b. Document  c. Match/Leverage Letter  d. Other

\* 7. How many pages (including cover) are being faxed? 1

# Survey on Ensuring Equal Opportunity For Applicants

OMB No. 1890-0014 Exp. 2/28/2009

## Purpose:

The Federal government is committed to ensuring that all qualified applicants, small or large, non-religious or faith-based, have an equal opportunity to compete for Federal funding. In order for us to better understand the population of applicants for Federal funds, we are asking nonprofit private organizations (not including private universities) to fill out this survey.

Upon receipt, the survey will be separated from the application. Information provided on the survey will not be considered in any way in making funding decisions and will not be included in the Federal grants database. While your help in this data collection process is greatly appreciated, completion of this survey is voluntary.

## Instructions for Submitting the Survey

If you are applying using a hard copy application, please place the completed survey in an envelope labeled "Applicant Survey." Seal the envelope and include it along with your application package. If you are applying electronically, please submit this survey along with your application.

Applicant's (Organization) Name:	Chemehuevi Indian Tribe
Applicant's DUNS Name:	0287351650000
Federal Program:	Indian Community Development Block Grant (ICDBG)
CFDA Number:	14.862

1. Has the applicant ever received a grant or contract from the Federal government?

Yes  No

2. Is the applicant a faith-based organization?

Yes  No

3. Is the applicant a secular organization?

Yes  No

4. Does the applicant have 501(c)(3) status?

Yes  No

5. Is the applicant a local affiliate of a national organization?

Yes  No

6. How many full-time equivalent employees does the applicant have? (Check only one box).

3 or Fewer  15-50

4-5  51-100

6-14  over 100

7. What is the size of the applicant's annual budget? (Check only one box.)

Less Than \$150,000

\$150,000 - \$299,999

\$300,000 - \$499,999

\$500,000 - \$999,999

\$1,000,000 - \$4,999,999

\$5,000,000 or more

## Survey Instructions on Ensuring Equal Opportunity for Applicants

OMB No. 1890-0014 Exp. 2/28/2009

Provide the applicant's (organization) name and DUNS number and the grant name and CFDA number.

1. Self-explanatory.
2. Self-identify.
3. Self-identify.
4. 501(c)(3) status is a legal designation provided on application to the Internal Revenue Service by eligible organizations. Some grant programs may require nonprofit applicants to have 501(c)(3) status. Other grant programs do not.
5. Self-explanatory.
6. For example, two part-time employees who each work half-time equal one full-time equivalent employee. If the applicant is a local affiliate of a national organization, the responses to survey questions 2 and 3 should reflect the staff and budget size of the local affiliate.
7. Annual budget means the amount of money your organization spends each year on all of its activities.

### **Paperwork Burden Statement**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this

information collection is **1890-0014**. The time required

to complete this information collection is estimated to average five (5) minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection.

**If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to:** The Agency Contact listed in this grant application package.

**Applicant/Recipient  
Disclosure/Update Report**

U.S. Department of Housing  
and Urban Development

OMB Approval No. 2510-0011  
(exp. 08/31/2009)

Applicant/Recipient Information

\* Duns Number: 0287351650000

\* Report Type: INITIAL

1. Applicant/Recipient Name, Address, and Phone (include area code):

\* Applicant Name:

Chemehuevi Indian Tribe

\* Street1: P.O. Box 1976

Street2:

\* City: Havasu Lake

County: San Bernardino

\* State: CA: California

\* Zip Code: 92363-1976

\* Country: USA: UNITED STATES

\* Phone: 7608581116

2. Social Security Number or Employer ID Number: 86-0252239

\* 3. HUD Program Name:

Indian Community Development Block Grant Program

\* 4. Amount of HUD Assistance Requested/Received: \$ 605,000.00

5. State the name and location (street address, City and State) of the project or activity:

\* Project Name: FY10 ICDBG Chemehuevi Homesites Water Tank Replacement

\* Street1: Chemehuevi Homesites #1 & #2

Street2:

\* City: Havasu Lake

County:

\* State: CA: California

\* Zip Code: 92363

\* Country: USA: UNITED STATES

**Part I Threshold Determinations**

\* 1. Are you applying for assistance for a specific project or activity? These terms do not include formula grants, such as public housing operating subsidy or CDBG block grants. (For further information see 24 CFR Sec. 4.3).

Yes  No

\* 2. Have you received or do you expect to receive assistance within the jurisdiction of the Department (HUD), involving the project or activity in this application, in excess of \$200,000 during this fiscal year (Oct. 1-Sep. 30)? For further information, see 24 CFR Sec. 4.9

Yes  No

If you answered " No " to either question 1 or 2, **Stop!** You do not need to complete the remainder of this form.

**However,** you must sign the certification at the end of the report.

Form HUD-2880 (3/99)

**Part II Other Government Assistance Provided or Requested / Expected Sources and Use of Funds.**

Such assistance includes, but is not limited to, any grant, loan, subsidy, guarantee, insurance, payment, credit, or tax benefit.

Department/State/Local Agency Name:

\* Government Agency Name:

Government Agency Address:

\* Street1:

Street2:

\* City:

County:

\* State:

\* Zip Code:

\* Country:

\* Type of Assistance:

\* Amount Requested/Provided: \$

\* Expected Uses of the Funds:

Department/State/Local Agency Name:

\* Government Agency Name:

Government Agency Address:

\* Street1:

Street2:

\* City:

County:

\* State:

\* Zip Code:

\* Country:

\* Type of Assistance:

\* Amount Requested/Provided: \$

\* Expected Uses of the Funds:

(Note: Use Additional pages if necessary.)

Add Attachment

Delete Attachment

View Attachment

**Part III Interested Parties.** You must decide.

1. All developers, contractors, or consultants involved in the application for the assistance or in the planning, development, or implementation of the project or activity and
2. Any other person who has a financial interest in the project or activity for which the assistance is sought that exceeds \$50,000 or 10 percent of the assistance (whichever is lower).

* Alphabetical list of all persons with a reportable financial interest in the project or activity (For individuals, give the last name first)	* Social Security No. or Employee ID No.	* Type of Participation in Project/Activity	* Financial Interest in Project/Activity (\$ and %)
<input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/> <input type="text"/> %
<input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/> <input type="text"/> %
<input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/> <input type="text"/> %
<input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/> <input type="text"/> %
<input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/> <input type="text"/> %

(Note: Use Additional pages if necessary.)

**Certification**

**Warning:** If you knowingly make a false statement on this form, you may be subject to civil or criminal penalties under Section 1001 of Title 18 of the United States Code. In addition, any person who knowingly and materially violates any required disclosures of information, including intentional non-disclosure, is subject to civil money penalty not to exceed \$10,000 for each violation. I certify that this information is true and complete.

\* Signature:

Charles Wood

\* Date: (mm/dd/yyyy)

10/26/2010

## CHEMEHUEVI INDIAN TRIBE

# Water Tank Project

FY10 HUD-ICDBG: Public Facilities and Improvements

### Abstract:

Homesites #1 and #2 are housing areas on the Chemehuevi Indian Reservation. Water and wastewater systems in this area were constructed when the Tribe first occupied the Reservation. The systems have become antiquated.

Due to this, both EPA and IHS have been involved in identifying portions of the systems that need replacement. Reports from both agencies illustrate the breadth of the renovations that are needed. This also has resulted in existing EPA, IHS and FY09 HUD-ICDBG funding for the majority of the project. IHS is managing the project under Memorandums of Agreement with the Chemehuevi Indian Tribe.

Repairs and replacements are underway for both water and wastewater system lines. Lift stations in the wastewater system are also being replaced. The remaining unfunded element of the system renovation is replacement of the existing 150,000-gallon water storage tank that serves the system. This ICDBG Application requests funding for a 325-gallon Water Storage Tank that would provide sufficient supply to cover current usage, projections of future usage, fire flows and reserves for outages that occur when the Lake Havasu siphon that supplies the system is down.

The result will be reliable water delivery to Homesites #1 and #2. The Tank installation will further decrease the continuing maintenance and operations costs of the Water Department. It is the last step in ending the water outages that plague residents of the housing areas and will provide consistent water delivery services to the 99 existing homes. Further it potentially would allow the existing water tank to be emptied and rehabilitated, ultimately creating a redundant system, further ensuring an uninterrupted water supply. Rehabilitation of the existing tank is not a part of this ICDBG project.

### General Thresholds:

#### Statements

1. The Chemehuevi Indian Tribe is an American Indian Tribe organized pursuant to the Federal Indian Reorganization Act of June 18, 1934, and is recognized by the United States Government through the Secretary of the Interior, with the Chemehuevi Tribal Council as its governing body, and is eligible to apply for HUD-ICDBG funding.
2. The Chemehuevi Indian Tribe has a current and active DUNS number.
3. The Chemehuevi Indian Tribe has a current and active CCR Registration.

4. The Chemehuevi Indian Tribe is in full compliance with Fair Housing and Civil Rights Laws and has no findings.
5. The Chemehuevi Indian Tribe is not disbarred or suspended from doing business with the Federal Government.
6. The Chemehuevi Indian Tribe has no delinquent Federal Debts.
7. All items included in this application are eligible for funding under the HUD-ICDBG program.
8. The application is an appropriate and legal submittal, and contains all components required for submittal under the Public Facilities and Improvements category of the ICDBG program.
9. At least 91% of the grant funds will benefit low and moderate income Tribal Members (see also "Benefits the Neediest").
10. The Chemehuevi Indian Tribe, by population, is eligible for the \$605,000 requested in this Grant Application (See "Benefits the Neediest").
11. The Chemehuevi Indian Tribe has no outstanding ICDBG obligation to HUD that is in arrears.
12. The Chemehuevi Indian Tribe posted a Community Development Statement and has also held public meetings to obtain input into this Application by Tribal Members in accordance with 24CFR1003.604.
13. The project in this Application will not result in the displacement or relocation of any person.
14. The Tribe maintains standards that require open competition in all bidding.
15. The Chemehuevi Indian Tribe has adopted code of conduct provisions compliant with 24 CFR 85.36(b)(3) and in addition further certifies that all procurement will conform to the terms and requirements of 24 CFR part 85 and 24 CFR 1003 (the Tribe is listed with an Approved Code of Contact on-line at [www.hud.gov](http://www.hud.gov) [California list]).
16. This Chemehuevi Water Tank project has been formulated with IHS and will meet IHS standards. It will be constructed and managed under an expansion of an existing IHS water & wastewater renovation Memorandum of Agreement or a new Memorandum of Agreement between the Chemehuevi Indian Tribe and IHS.

**Project Specific Thresholds (Public Facilities & Improvements):**

1. None required.

## Order of Attachments

### Attachment #

1. Abstract – Thresholds – Contents
2. HUD-4125 Implementation Schedule
3. HUD-4123 Cost Schedule
4. Rating Factor #1: Capacity of the Applicant
5. Rating Factor #2: Need/ Extent of the Problem
6. Rating Factor #3: Soundness Of Approach
7. Rating Factor #4: Leveraging Resources
8. Rating Factor #5: Comprehensiveness & Coordination
9. Detailed Schedule
10. Logic Model (Form 96010)
11. Commitment (Project Resolution)
12. IHS SDS Sheet
13. Income Survey
14. FY10 Water Department Budget

**RESOLUTION NO Chem. R 10 -10 -26 - 01**

**A RESOLUTION OF THE TRIBAL COUNCIL OF  
THE CHEMEHUEVI INDIAN TRIBE APPROVING  
THE APPLICATION TO HUD FOR AN INDIAN  
COMMUNITY DEVELOPMENT BLOCK GRANT  
(ICDBG) TO BUILD A NEW WATER TANK  
INSTALLATION TO ENSURE ADEQUATE WATER  
SUPPLIES FOR PRESENT AND FUTURE NEEDS.**

- WHEREAS**, the Chemehuevi Indian Tribe (“Tribe”) is a federally recognized Indian Tribe, organized under the provisions of the Indian Reorganization Act, 25 U.S.C. §461 et seq., under a written Constitution which has been approved by the Secretary of the Interior and which designates the Chemehuevi Tribal Council (“Tribal Council”) as the governing body of the tribe; and
- WHEREAS**, The Tribe is the beneficial owner of the Reservation which comprises approximately 32,000 acres of land located along the shores of the Colorado River and Lake Havasu. Title to the vast majority of the land located within the exterior boundaries of the Chemehuevi Indian Reservation are owned by the United States of America in trust for the Tribe.
- WHEREAS**, the Chemehuevi Indian Tribe, together with the Indian Health Service (IHS), has examined water systems in the Homesite #1 and Homesite #2 areas and has found various deficiencies, and
- WHEREAS**, the Chemehuevi Water Department has continually incurred excessive cost in maintaining the antiquated systems that are more than twenty years old, and
- WHEREAS**, IHS reports have identified that the systems are not candidates for repair and instead IHS has selected replacement as the sole viable solution, and
- WHEREAS**, the Chemehuevi Indian Tribe has partially funded these improvements through EPA and has entered into agreements with IHS to assist in the management and engineering of the projects, and
- WHEREAS**, the Chemehuevi Indian Tribe successfully funded repairs to the water distribution system and those repairs are currently in progress, and
- WHEREAS**, sufficient funds are not available to replace the antiquated water tank that serves the system that is under repair, and

**WHEREAS**, funds of \$605,000 are available through a HUD – FY10 Indian Community Development Block Grant (ICDBG), and

**WHEREAS**, the Chemehuevi Indian Tribe wishes to maintain the proposed infrastructure systems in excellent condition once constructed, and

**WHEREAS**, the Chemehuevi Tribe has entered into a Memorandum of Agreement (MOA) with Indian Health Service (IHS) for design and management of the projects and the MOA will be expanded to include this Water Tank replacement project, and

**WHEREAS**, the Tribe and IHS possess the administrative and managerial skills to implement a construction project and to coordinate the project through its completion and occupancy, and

**WHEREAS**, the Tribe possesses and controls:

1. Funds in the Tribe's General Fund sufficient to carry out the Maintenance and Operations Plan, and
2. The expertise and established Environmental Department necessary to perform and conduct the Environmental Assessment to HUD 24 CFR part 58 standards, and
3. Existing and proposed agreements with IHS that provide project management and project controls throughout design and construction, and
4. Administrative staff including business management, accounting and controls staff members to track the project to the standards and requirements of 24CFR85 and 24CFR1003 and to provide all necessary financial and procurement controls, checks and balances, and

**WHEREAS**, the Tribe elects to submit demographic data that is unpublished and not generally available in order to meet the requirements of the application process, and makes certain assurances in this regard;

**NOW THEREFORE, BE IT RESOLVED**, that the Chemehuevi Indian Tribe hereby:

- 1) Finds that utilizing a FY10 HUD – Indian Community Development Block Grant in the amount of \$605,000, in combination with existing matching funds to complete replacement of the Homesite #1 and Homesite #2 water tank will meet an essential Community need by providing services that are critical to the orderly development of the Community and will achieve both efficiency and accessibility in the delivery of such services.
- 2) Confirms that the Chemehuevi Indian Tribe is a federally recognized Indian Tribe and is eligible to apply for HUD-ICDBG funding.
- 3) Confirms that the Tribe has adopted policies and procedures for program and financial management in conformance with 24CFR part 85 and 24CFR1003.

- 4) Confirms that the Tribe has adopted policies and procedures for HUD procurement in conformance with 24CFR part 85.36 and 24CFR1003, including the Indian Preference provisions of 24CFR1003.510.
- 5) Certifies that:
  - a) The Chemehuevi Indian Tribe has no outstanding ICDBG in arrears.
  - b) The Chemehuevi Indian Tribe is in full compliance with Fair Housing and Civil Rights Laws and has no findings.
  - c) The Chemehuevi Indian Tribe has no delinquent Federal Debts.
  - d) The Chemehuevi Indian Tribe maintains financial standards that require open competition in all bidding.
  - e) The operations of the project described in this application will include provisions to improve access to persons with limited English.
  - f) The Chemehuevi Indian Tribe has adopted and HUD has approved a Code of Ethics complying with the terms of 85.36(b)(3) prior to entering into agreement with HUD, as listed at hud.gov. (Code of Ethics - CA).
- 6) Requests FY10 HUD-ICDBG assistance in the amount of **\$605,000** to be applied to the project in accordance with the attached application and any amendments thereto, and authorizes the Chairman and/or Vice Chairperson to negotiate and sign the grant contract and any amendments thereto.
- 7) Commits and guarantees a minimum total of **\$37,701** in Chemehuevi Realty Department administrative hours for the project.
- 8) Reconfirms adoption of the Chemehuevi Maintenance and Operations Plan, originally adopted on October 31, 1998 and most recently amended in 2001, and confirms that the Chemehuevi Indian Tribe will continue to include annual reserves and funding for maintenance expenses, utilities, janitorial services, security provisions, insurance and reserves for replacement in accordance with the existing 2010 Water Department budget of \$332,242 and subsequent Chemehuevi Tribal Budgets.
  - a) Commits to adopt, by Ordinance, any modifications recommended by IHS following construction completion, including any IHS-approved items applying to approved Contractor Substitutions or the final Project Closeout Manual submitted by the Contractor.
- 9) Directs the Tribal Accounting Department to:
  - a) Account for the specified M&O Plan funds in the unique budget account code for the Water Department within the Tribe's fiscal management system;
  - b) Include requisite funds in the Tribe's 2012 General Fund Budget, and subsequent budgets;
  - c) Make the funds available starting within 60 days of acceptance of the Water & Sewer systems following completion of construction;

- d) Reserve a special fund account, to finance future maintenance and replacement needs; and
  - e) Pay all other reasonable unplanned M&O costs that may be necessary to maintain the facility in satisfactory condition.
- 10) Commits to directly operate the system and provide necessary operating funds within the Chemehuevi Indian Tribe's Water Department budget.
- 11) Prior to the submittal of its ICDBG application, and in conformance with 24 CFR 1003.604(a), the governing body of the Chemehuevi Tribe has:
- a) Provided Tribal members with adequate information concerning the amount of funds available for proposed community development and housing activities, the range of activities that may be assisted, and other important program requirements, and has solicited their views and participation, resulting in determining that the FY10 HUD-ICDBG shall be utilized for replacing the water tank that serves the Homesite #1 and Homesite #2 water system as a continuation of system replacements begun in 2009 with IHS and HUD assistance.
  - b) Posted the Community Development Statement for the project and allowed residents to comment on its contents.
  - c) Held at the least one adequately publicized meeting at a time and location convenient to Community residents to obtain the views of residents on community development and housing needs.
  - d) Considered any comments or views expressed by Community residents and has modified the application accordingly where feasible within the context of the applicable regulations.
  - e) Made the modified application available to Community residents for review and comments.
  - f) Given residents an opportunity to review and comment on the Community's performance under currently active community development block grants;
- 12) In accordance with NOFA section IV.B.2.1, the Tribe hereby certifies that:
- a) Generally available published data about the Tribe is substantially inaccurate or incomplete.
  - b) The data provided in the application has been collected systematically, and are statistically reliable.
  - c) Data is, to the greatest extent feasible, independently verifiable.
  - d) Data differentiates between Reservation and BIA service area populations.
  - e) No significant changes have occurred in household income levels since the data was collected.
- 13) DEMOGRAPHIC DATA:
- a) Number of persons benefiting from this project, including non-Indians who are low and moderate income: 190

13) DEMOGRAPHIC DATA:

- a) Number of persons benefiting from this project, including non-Indians who are low and moderate income: 190
- b) Total number of persons benefiting from project: 208
- c) Percentage of persons benefiting who are low- and moderate income: 91.49%.

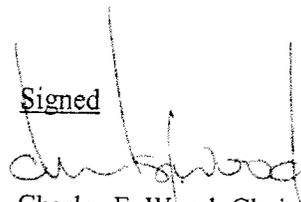
**BE IT FURTHER RESOLVED** that the Tribal Council, hereby approves the application for an ICDBG Grant as specified herein.

CERTIFICATION

The foregoing Resolution was adopted by the Chemehuevi Tribal Council by a telephone poll held on 26 October 2010, by the following vote:

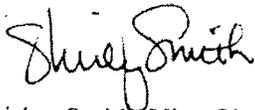
AYES: 7  
NOES: 0  
ABSENT: 2  
ABSTAIN: 0

Signed



Charles F. Wood, Chairman

ATTEST:

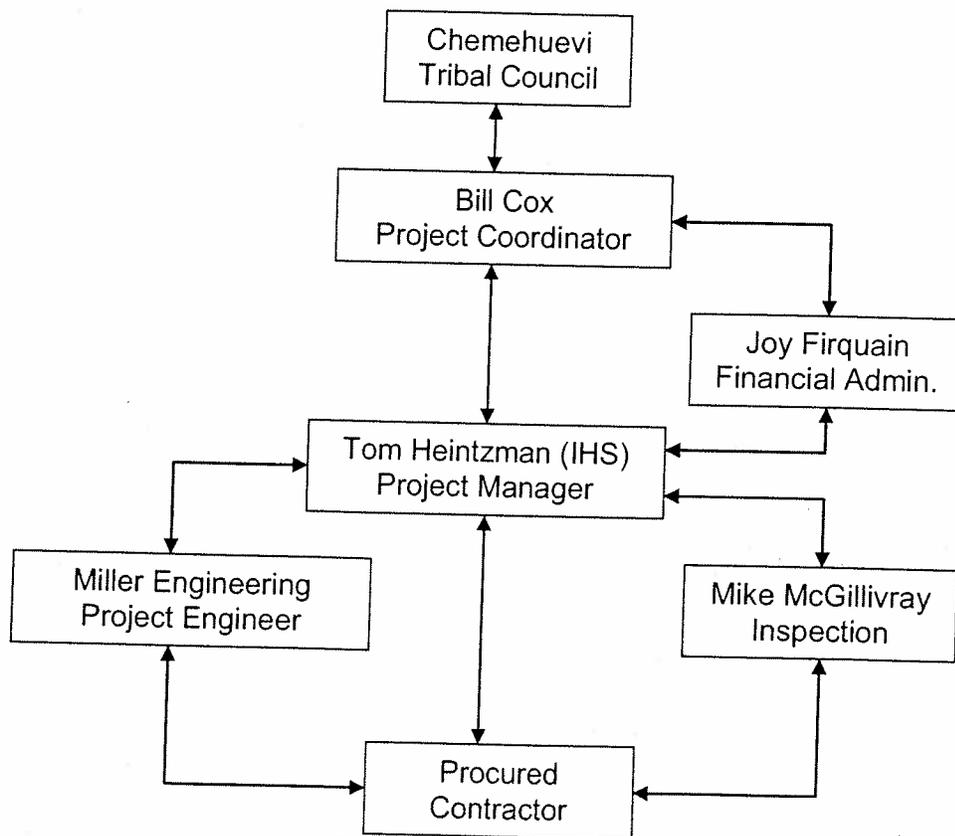


Shirley Smith, Vice Chairperson

### Rating Factor #1: Capacity of the Applicant

#### Managerial, Technical and Administrative Capability

**Managerial and Technical Staff:** The Chemehuevi Indian Tribe already has assembled the managerial, technical and administrative capability necessary to carry out the proposed project. This includes the execution of a Memorandum of Agreement with Indian Health Service for Engineering Design and Construction Management of the project. The Tribal Planner (Bill Cox) is well qualified to run the day-to-day administrative activities necessary to the project and Joy Firquain, the Tribe's Comptroller, will administer the financial aspects, working with IHS oversight. The Tribe's Building Inspector (provided under an intergovernmental agreement with the Ft. Mojave Tribe) will assist IHS in construction inspections. The following chart illustrates the chain of command and is a guide to the descriptions that follow:



Mr. Cox will perform day-to-day overall administrative coordination and Ms. Joy Firquain will provide financial management of the Project, similar to the manner in which past projects have been handled. Their activities will be under the oversight of the Tribe's Council Officers, known as the Executive Committee. The Executive Committee is comprised as the Chairman, the Vice Chairman and the Secretary/Treasurer of the Council. The Vice Chair, Shirley Smith, has been specifically assigned as the day-to-day Council contact for this project.

It is important to note that the Executive Committee, specifically Ronald Escobar (Secretary Treasurer) and Shirley Smith (Vice Chair) have been involved as Council Members in nearly every HUD-ICDBG project since the FY97 Health Clinic. They have 10 years of direct ICDBG experience. Chairman Charles Wood became involved during the formulation and implementation of the last three ICDBG's (FY03 Nuwuvi Park Phase 2 implementation and later). As with other participants, their experience is recent, relevant and successful.

Under the oversight of the Executive Committee, the following entities will perform the key management, technical expertise and administrative services:

*William L. (Bill) Cox [role: Project Coordination]:* Mr. Cox has nearly 30 years experience in various aspects of design and construction. Prior to being hired by the Chemehuevi Indian Tribe, he provided oversight and management of a \$240 million construction program for the United States Navy as a Commanding Officer. Upon retirement, he relocated to Lake Havasu City and was hired by the Chemehuevi Indian Tribe. As the Tribe's Resource Planner/Developer, Mr. Cox's extensive experience is appropriate to coordinating the project with IHS on a day-to-day basis:

1. Recent: Mr. Cox has held the Tribal Resource Planner/Developer since FY00. Since then he has formulated and managed not only the ICDBG projects listed above, but a variety of other Tribal Planning, development and construction activities.
2. Relevant: In the past five years Mr. Cox has managed the Tribe's previous ICDBG's, most of which have now completed construction. A current project is the FY09-ICDBG Water & Wastewater Distribution System improvements that are underway with IHS. Mr. Cox is thoroughly familiar with the schedules, CFR's, and policies applying to implementation.
3. Successful: Under Mr. Cox's management, the Tribe has successfully completed and closed multiple ICDBG funded projects in the past five years. The buildings not only comply with statements made in the application, but also have directly satisfied tribal needs as originally expresses by the community. The buildings are complete, in current use and are attractive and durable. Mr. Cox's management of these projects has well satisfied meeting the needs of the Chemehuevi Tribe.

*Nadine Joy Firquain [role: budgeting, scheduling, procurement conformance, grant conformance, project reporting]:* Ms. Firquain's experience is similarly appropriate. She is the Chief Financial Officer for the Tribe and has nearly 30 years experience in accounting. The majority of that experience has been in providing direct financial administration of projects for construction firms in Alamo, CA; Bull Head City, AZ; and Lake Havasu City, AZ. Ms. Firquain was hired by the Chemehuevi Indian Tribe in March of 1998 and has provided their overall financial administration since that time. As the Tribe's Chief Financial Officer, Joy Firquain is an important Team Member in the overall management of the project. Joy will be responsible for much of the budget conformance and reporting items, including assisting Mr. Cox in coordinating schedules and conformance to the Tribe's and HUD's procurement and financial regulations. Her continuing experience is:

1. Recent: Ms. Firquain has been Chief Financial Officer since 1998. She is responsible not only for the Tribe's ICDBG projects, but also for the Tribe's total budget. She has worked directly with Mr. Cox on each of the previous ICDBG projects that have been completed (or are underway) in the past five years in the same role as described for this application.
2. Relevant: Ms. Firquain's pre-Chemehuevi résumé is comprised primarily of financial management for construction companies. Since her hiring in 1998 she has provided that expertise on a variety of Chemehuevi projects. Her participation in ICDBG-funded projects has been directly with Mr. Cox, as previously described.
3. Successful: With Ms. Firquain's involvement, the Tribe has successfully completed and closed multiple ICDBG funded projects in the past five years, among others. The buildings not only comply with statements made in the application, but also have directly satisfied tribal needs as originally expressed by the community.

*Thomas J. (Tom) Heintzman, P.E. (Indian Health Services) [role: project management]:* Mr. Heintzman has a Bachelor of Science in Civil Engineering and has been a registered engineer since 1985. His work experience has included fieldwork for Alaskan Native Tribes and Tribes in the Indian Health Service areas of Arizona and California. Mr. Heintzman was the "District Environmental Engineer for Indian Health Service, Office of Environmental Health and Engineering, Division of Sanitation Facilities, Western District, Phoenix, AZ" and has now been elevated to "Division of Sanitation Facilities Construction Director". Due to his ongoing involvement in implementation of the FY09 Distribution System repairs, he will be continuing as Project Manager for the FY10 Water Tank replacement that is a part of the overall renovation project and is described in this application. Mr. Heintzman is responsible for overseeing the successful engineering and implementation of this Chemehuevi project and is contributed to the project via a Memorandum of Agreement between the Chemehuevi Tribe and IHS. He is also responsible for the application of project funding for engineering and construction, including matching funds provided by EPA and IHS. Mr.

Heintzman also prepared the cost estimates and budgets that are included under Rating Factor #3. His résumé is summarized below.

1. Recent: Mr. Heintzman has worked with Native American Communities consistently since 1984. In the past five years, he has been responsible for 36 infrastructure projects, the majority of which have been water or wastewater projects or a combination of both. These include two previous projects for the Chemehuevi Tribe. The Native American projects also include eight (8) community water/wastewater projects that are similar to the Chemehuevi project described in this application,
2. Relevant: As described preceding, Mr. Heintzman's experience is specifically in Water & Wastewater engineering and development. The 36 completed projects that are referenced have been designed and constructed under Mr. Heintzman's direction as the lead engineer for IHS.
3. Successful: The previous projects assembled and managed by Mr. Heintzman are all operating. In addition, Mr. Heintzman, together with Mr. Hargrove (following), has been responsible for ensuring that the systems are maintained once implemented. Therefore he has provided continuing assistance to the various maintenance departments to ensure the ultimate success of the systems.

*Miller Engineering [role: project engineer]:* IHS has selected Miller Engineering as the Project Engineer for Chemehuevi infrastructure projects and they will be continuing as this project is implemented. Miller Engineering is included in the organizational chart to illustrate the flow of information; however, they are contracted to IHS to perform those duties. Therefore, we are assuming that IHS determined that their experience is recent, relevant and successful before selecting them to handle Chemehuevi water and wastewater improvements in the Lakeside area of the Reservation. IHS has continued their services to this Homesite #1 and #2 project, further illustrating their satisfaction with Miller Engineering's work thus far. IHS will most likely expand their Contract with Miller Engineering to include the engineering necessary to this project. If not, the Tribe will solicit for proposals via an RFP process conforming to 24CFR85.36 and the Indian Preference regulations of 24CFR1003.510.

*Mike McGillivray [Role: Plans Examiner and Construction Inspector]:* The Chemehuevi Tribe has an existing Intergovernmental Agreement with the Fort Mojave Indian Tribe to provide construction inspection services through their Building Department. Mr. McGillivray, director of the Department, is assigned to the Chemehuevi Tribe's inspections. Mr. McGillivray has over 20 years of construction inspection experience and is licensed for residential, commercial, and utility inspections. In addition, he is a licensed plans examiner. Mr. McGillivray began providing services to the Tribe beginning with the ICDBG Tribe's FY99 Education Center, corresponding to execution of the IGA with

Fort Mojave (FY00). Mr. McGillivray will be providing plan review services, code compliance reviews and will assist IHS in construction inspection services for this project.

1. Recent: Mr. McGillivray is currently providing these services on a variety of Chemehuevi Projects, and within the past five years has performed this role for the Education Center, the Head Start Building, both phases of the Nuwuvi Park Improvements, the Cultural Center and the Maintenance Facility, in addition to housing projects and a previous \$1 million water system siphon and main-line project. He also currently is the inspector for the Chemehuevi's FY09-ICDBG water & wastewater repair project, which is underway.
2. Relevant: Mr. McGillivray's plan review and construction certifications are an expertise that the Tribe does not possess, but are necessary to ensure construction and Chemehuevi code compliance. In addition, Mr. McGillivray has additional direct ICDBG project experience for the Hualapai, and Fort Mojave tribes and will assist IHS in conformance with EPA, ICDBG and Chemehuevi regulatory requirements.
3. Successful: The Chemehuevi Tribe has never had a plan review or inspection questioned by another authority. This includes IHS, which has performed as-built reviews of the Education Center (since it includes childcare), the Head Start facility and the Community Events Center at Nuwuvi Park. The Chemehuevi Tribe has easily obtained IHS concurrence on each of these facilities.

The preceding team members, each with specialized expertise, will function as a coordinated group to ensure that the completed Water Tank Project meets not only the programmatic and functional requirements, but also the regulatory and monitoring requirements.

**Project Implementation Plan & Program Evaluation:** Overall project management is addressed under the previous segment, including the specific roles of the Project Team Members.

*It is important to note that, at the time of this submittal, pre-construction activities have occurred as follows:*

1. *Water System Analysis: Completed by IHS.*
2. *Maintenance & Operations Plan: Completed by IHS.*
3. *Council Approval of Project, including M&O Plan and all budgets: adopted by Chemehuevi Council Resolution.*
4. *Water Tank Analysis and Preliminary Estimates; Completed by IHS in preparation for final engineering and construction.*

Therefore, the activities remaining are (1.) Performing an Environmental Assessment to HUD 24CFR58 standards, (2.) Engineering, (3.) Bidding and negotiation, and (4.) Construction.

Working with the Tribe, IHS developed the project approach and the budgets and schedules for the Chemehuevi Lakeside Water & Wastewater project. The resultant construction schedule is reflected in this application under Attachment #9 and is summarized on the official HUD 4125 form appearing under Attachment #2.

Each element of project construction is scheduled weekly with start and ending dates, through closeout of the various grants being utilized, including this ICDBG. This allows tracking of each item to ensure maintenance of the schedule. Since the project is set up as a PERT flow chart, it allows immediate knowledge of the impact of each element on the others if delays are encountered.

The General Conditions of the construction contract prepared by IHS will require weekly Owner/Contractor meetings specifically to:

1. Review the construction schedule and current work progress.
2. Respond to any outstanding Contractor Requests for Information (RFI's).
3. Perform on-site inspections of work-in-progress and advise the Contract of any deficiencies or omissions.
4. Review work items to be completed by the Contractor prior to the next weekly meeting.
5. To review preliminary expenditures and project budgets.
6. To review (monthly) Contractor Pay Application requests in preparation for approvals and grant draw-downs.
7. To identify and resolve any potential coordination or construction issues that may arise during future projected construction progress.
8. To coordinate any substitution requests or other items that may require adjustments to the maintenance and operations plan, including adjustments to the reserve for maintenance parts and equipment.

The meeting participants are to include the project team (described previously, the General Contractor's representatives, and any subcontractors for systems where a current issue has arisen.

The construction schedule and weekly meetings allows for consistent oversight by the Project Manager (Tom Heintzman - IHS), in association with the Project Coordinator, Inspector and Financial Administrator. Tracking for Performance and Evaluation Reporting and any necessary adjustments is built in week-by-week. This allows a consistent method of reviewing the project's status and the provision for timely updates and revisions to project schedules and reports.

HUD's Logic Model appears under Attachment #10 and is detailed under Rating Factor #5. The Logic Model illustrates the outputs and outcomes of this project. It also addresses the manner in which the project will be evaluated.

**Financial Management:** The Chemehuevi Tribe's financial department is current on all financial transactions, including audits. The most recent (FY08) audit was submitted timely and has no findings regarding the Chemehuevi Indian Tribe's ICDBG program.

The Chemehuevi Tribal Code includes all conditions of Financial Management. The Tribal Resolution (Attachment #11) reconfirms the adoption of financial management conditions applying to the grant (Resolution: page 2, item #3).

Once awarded, the approved ICDBG budget will be entered into the Chemehuevi Tribe's accounting system as a separate sub-item in the overall project budget, allowing discrete tracking of the ICDBG funds. The accounting code for ICDBG will be a distinct line item. Sub accounts will match the HUD-approved budget for the project, allowing tracking and reporting against the schedules and budgets contained in this application.

Since Ms. Firquain (CFO) is a member of the Project Team for day-to-day management, she will also coordinate with Mr. Heintzman and Mr. Cox to ensure that invoices and encumbered funds are reflected accurately, allowing tracking of expenditures and remaining balances. This will allow adjustments to the budget as necessary. Further, she will determine any necessary adjustments to the budgets and will make recommendations to Tribal Council as to whether the submittals are within the budget's parameters.

This approach will allow adjustments to the Water Tank Replacement program to balance finances with construction realities. Adjustments can be made in a timely manner allowing steady progress toward completion.

**Procurement and Contract Management:** The 2008 Audit shows no findings related to procurement or contract administration.

The Tribe reconfirms that they have adopted policies for program management in accordance with 24CFR85 and 24CFR1003 (Attachment #10: Resolution: page 3, item 4). Further, they reconfirm that they have adopted procurement policies in conformance to the CFR's.

Procurement of the General Contractor will be overseen by IHS, in association with Mr. Cox and Ms. Firquain, to ensure compliance with the federal regulations and the Tribal Codes. All records of procurement are being transferred by IHS to the Chemehuevi Tribe for internal and external audit.

The intended scope of procurement for this project consists solely of obtaining the General Contractor and perhaps, separately purchasing the Water Tank directly from a manufacturer (Note: the recommendation for direct-purchase will be determined by the Engineer on a cost/benefit basis as a potential cost-savings measure). No other procurement activities are contemplated.

**Past Performance**

It is our understanding that HUD-SWONAP records will provide the basis for point award under this category.

# Implementation Schedule

Indian Community Development Block Grant (ICDBG)

U.S. Department of Housing  
and Urban Development  
Office of Public and Indian Housing

OMB Approval No. 2577-0191  
(exp. 2/29/2012)

See Instructions and Public Reporting Statement on back.  
Submit a separate implementation schedule for each project category.

1. Name of Applicant (as shown in Item 5, Standard Form 424) **Chemehuevi Indian Tribe**

2. Application/Grant Number (to be assigned by HUD)

3.  Original (First submission to HUD)  Pre-Award Submission  Amendment (submitted after grant approval)

Date (mm/dd/yyyy) **10/27/2010**

4. Name of Project (as shown on form HUD-4123, Item 4) **FY10 Chemehuevi Water Tank Project**

5. Effective Date (mm/dd/yyyy) **04/01/2011**

Expected Completion Date (mm/dd/yyyy) **02/22/2013**

Expected Closeout Date (mm/dd/yyyy) **05/10/2013**

6. Environmental Review Status

Exempt (As described in 24 CFR 58.34)  Under Review (Review underway; findings not yet made)

EIS Required (Finding that project may significantly affect environment or EIS automatically required by 24 CFR 58.37)  Not Started (Review not yet begun)

Finding of No Significant Impact (Finding made that request for release of funds for project is not an action which may significantly affect the environment.)

Certification (Environmental review completed; certification and request for release of funds being prepared for submission.)

Categorically Excluded (as described in 24 CFR 58.35)

7. Tribal Fiscal Year (mm/dd/yyyy) **12/31/2010**

8. Task List

9. Schedule. Use Calendar Year (CY) quarters. Fill in the CY below. See detailed instructions on back.

	CY 11				CY 12				Date (mm/dd/yyyy) (if exceeds 8th Qtr)
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	5th Qtr.	6th Qtr.	7th Qtr.	8th Qtr.	
Environmental Assessment		X	X	X					02/08/2013
Engineering		X	X	X					02/08/2013
Bidding & Negotiation		X	X	X					02/08/2013
Construction				X	X	X	X	X	05/10/2013
Construction Close-Out				X	X	X	X	X	05/10/2013
Close-Out with HUD									

10. Planned Drawdowns by Quarter (Enter amounts non-cumulatively)

Quarter	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	5th Qtr.	6th Qtr.	7th Qtr.	8th Qtr.	Total
Planned Drawdowns	\$ 0.00	\$ 90,000.00	\$ 150,000.00	\$ 60,000.00	\$ 60,000.00	\$ 100,000.00	\$ 75,000.00	\$ 70,000.00	\$ 605,000.00

11. Cumulative Drawdown (If more than one page, enter total on last page only)

Quarter	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	5th Qtr.	6th Qtr.	7th Qtr.	8th Qtr.	Total
Cumulative Drawdown	\$ 0.00	\$ 90,000.00	\$ 240,000.00	\$ 300,000.00	\$ 360,000.00	\$ 460,000.00	\$ 535,000.00	\$ 605,000.00	\$ 605,000.00

26.

# Implementation Schedule

Indian Community Development Block Grant (ICDBG)

U.S. Department of Housing  
and Urban Development  
Office of Public and Indian Housing

OMB Approval No. 2577-0191  
(exp. 2/29/2012)

See Instructions and Public Reporting Statement on back.  
Submit a separate implementation schedule for each project category.

1. Name of Applicant (as shown in Item 5, Standard Form 424)  
Chemehuevi Indian Tribe

2. Application/Grant Number (to be assigned by HUD)

3.  Original (First submission to HUD)  
 Pre-Award Submission  
 Amendment (submitted after grant approval)

Date (mm/dd/yyyy) 10/27/2010

4. Name of Project (as shown on form HUD-4123, Item 4)  
FY10 Chemehuevi Water Tank Project

5. Effective Date (mm/dd/yyyy) 04/01/2011  
Expected Completion Date (mm/dd/yyyy) 02/22/2013  
Expected Closeout Date (mm/dd/yyyy) 05/10/2013

6. Environmental Review Status  
 Exempt (as described in 24 CFR 58.34)  
 Under Review (Review underway; findings not yet made)  
 Finding of No Significant Impact (Finding made that request for release of funds for project is not an action which may significantly affect the environment.)  
 Certification (Environmental review completed; certification and request for release of funds being prepared for submission.)  
 Categorically Excluded (as described in 24 CFR 58.35)

7. Tribal Fiscal Year (mm/dd/yyyy)  
12/31/2010

8. Task List  
(List tasks such as environmental assessment, acquisition, etc.) Use Calendar Year (CY) quarters. Fill-in the CY below. See detailed instructions on back.

	CY 13								Date (mm/dd/yyyy) (if exceeds 8th Q. tr
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	5th Qtr.	6th Qtr.	7th Qtr.	8th Qtr.	
Environmental Assessment (complete)									
Engineering (complete)									
Bidding & Negotiation (complete)									
Construction					X				
Construction Close-Out					X				
Close-Out with HUD					X				
10. Planned Drawdowns by Quarter (Enter amounts non-cumulatively)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
11. Cumulative Drawdown (If more than one page, enter total on last page only)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
	Total								\$ 0.00
	Total								\$ 0.00

	April 2011				May				Jun				Jul				Aug				
	0	0	1	2	2	0	1	2	2	0	1	1	2	0	0	1	2	2	0	1	1
	1	8	5	2	9	6	3	0	7	3	0	7	4	1	8	5	2	9	5	2	9
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	A	A	A	A	A	M	M	M	M	J	J	J	J	J	J	J	J	J	J	A	A
	p	p	p	p	p	a	a	a	a	u	u	u	u	u	u	u	u	u	u	g	g
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Chemehuevi Indian Tribe Homesites #1 and #2 Water Tank</b>																					
<b>Administration</b>																					
<b>Environmental Assessment</b>																					
Perform EA (24CFR58 version)																					
Posting Period																					
Hud Review																					
Release of Funds																					
<b>Engineering</b>																					
Complete 100% Drawings																					
Complete Specifications																					
General Conditions																					
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Equipment Mobilization																					
Site Safety installations																					
Pad Preparation																					
Mainline Cross-over piping																					
Tank Fabrication (vendor)																					
Mainline Water Valves																					
Local Water Distribution Crossovers																					
Tank Installation																					
Local connections																					
Trench Shading (preliminary backfilling)																					
Backfill and compact to finish grade																					
Punch List Walk-through/ pressure testing																					
Punch List Completion																					
Final Walk-through/ pressure testing																					
Close-out Construction																					
<b>Completion</b>																					
Complete and Deliver Project Manuals																					
Water Department Staff Training																					
Close-Out with HUD																					

	Sept				Oct				Nov				Dec				Jan. 20		
	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8
<b>Chemehuevi Indian Tribe Homesites #1 and #2 Water Tank</b>	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	A	S	S	S	S	S	O	O	O	O	N	N	N	N	D	D	D	D	D
	u	e	e	e	e	e	c	c	c	c	o	o	o	o	e	e	e	e	e
	g	p	p	p	p	p	t	t	t	t	v	v	v	v	c	c	c	c	c
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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<b>Administration</b>																			
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Close-Out with HUD																			

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<b>Chemehuevi Indian Tribe Homesites #1 and #2 Water Tank</b>	20	27	03	10	17	24	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	J	J	F	F	F	F	M	M	M	M	M	A	A	A	A	M	M	M	M	J	J		
	a	a	b	b	b	b	r	r	r	r	r	p	p	p	p	y	y	y	y	u	u		
	n	n	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	n	n		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
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	J	J	J	J	J	J	J	A	A	A	A	A	S	S	S	S	O	O	O	O
	u	u	u	u	u	u	u	u	u	u	u	u	e	e	e	e	c	c	c	c
	n	n	n	n	n	n	n	g	g	g	g	g	p	p	p	p	t	t	t	t
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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Tank Fabrication (vendor)																				
Mainline Water Valves																				
Local Water Distribution Crossovers																				
Tank Installation																				
Local connections																				
Trench Shading (preliminary backfilling)																				
Backfill and compact to finish grade																				
Punch List Walk-through/ pressure testing																				
Punch List Completion																				
Final Walk-through/ pressure testing																				
Close-out Construction																				
<b>Completion</b>																				
Complete and Deliver Project Manuals																				
Water Department Staff Training																				
Close-Out with HUD																				

**Chemehuevi Indian  
Tribe  
Homesites #1 and #2  
Water Tank**

				Dec				Jan. 2013			Feb			Mar					
0	1	2	3	0	1	2	2	0	1	1	2	0	0	1	2	0	0	1	2
9	6	3	0	7	4	1	8	4	1	8	5	1	8	5	2	1	8	5	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N	N	N	N	D	D	D	D	J	J	J	J	F	F	F	F	M	M	M	M
o	o	o	o	e	e	e	e	a	a	a	a	b	b	b	b	r	r	r	r
v	v	v	v	c	c	c	c	n	n	n	n	b	b	b	b	r	r	r	r
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3

**Administration**

**Environmental Assessment**

Perform EA (24CFR58 version)																			
Posting Period																			
Hud Review																			
Release of Funds																			

**Engineering**

Complete 100% Drawings																			
Complete Specifications																			
General Conditions																			
IHS review																			
Corrections																			
Final Bid Package Ready																			

**Bidding & Negotiation**

Advertising																			
Pre-Bid Conference																			
Bids Due																			
Bid Review																			
Negotiate Contract																			
Council Approval																			
Award Contract																			

**Construction**

Contractor Yard set-up																			
Equipment Mobilization																			
Site Safety installations																			
Pad Preparation																			
Mainline Cross-over piping																			
Tank Fabrication (vendor)																			
Mainline Water Valves																			
Local Water Distribution Crossovers																			
Tank Installation																			
Local connections																			
Trench Shading (preliminary backfilling)																			
Backfill and compact to finish grade																			
Punch List Walk-through/ pressure testing																			
Punch List Completion																			
Final Walk-through/ pressure testing																			
Close-out Construction																			

**Completion**

Complete and Deliver Project Manuals																			
Water Department Staff Training																			
Close-Out with HUD																			

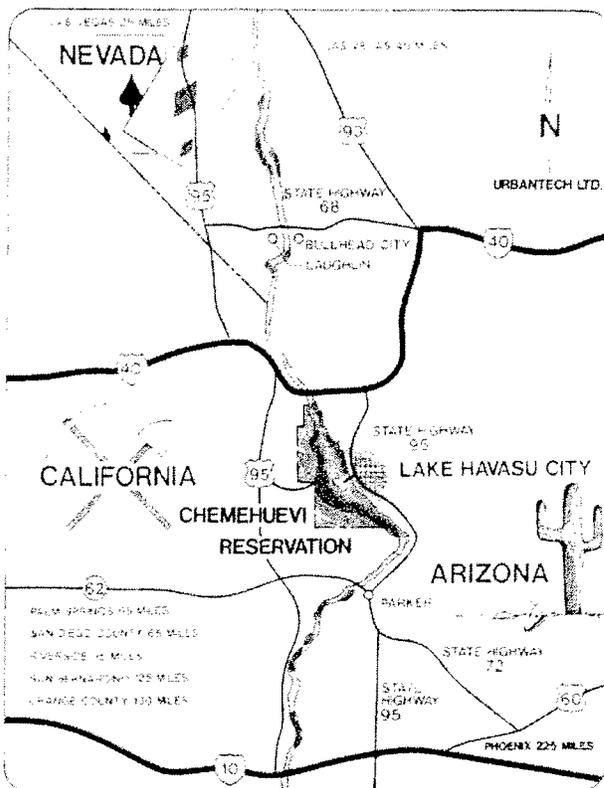
	Apr			May			
	0	1	1	2	0	1	1
<b>Chemehuevi Indian Tribe Homesites #1 and #2 Water Tank</b>	5	2	9	6	3	0	7
	-	-	-	-	-	-	-
	A	A	A	A	M	M	M
	p	p	p	p	a	a	a
	r	r	r	r	y	y	y
	-	-	-	-	-	-	-
	1	1	1	1	1	1	1
	3	3	3	3	3	3	3
Administration							
<b>Environmental Assessment</b>							
Perform EA (24CFR58 version)							
Posting Period							
Hud Review							
Release of Funds							
<b>Engineering</b>							
Complete 100% Drawings							
Complete Specifications							
General Conditions							
IHS review							
Corrections							
Final Bid Package Ready							
<b>Bidding &amp; Negotiation</b>							
Advertising							
Pre-Bid Conference							
Bids Due							
Bid Review							
Negotiate Contract							
Council Approval							
Award Contract							
<b>Construction</b>							
Contractor Yard set-up							
Equipment Mobilization							
Site Safety installations							
Pad Preparation							
Mainline Cross-over piping							
Tank Fabrication (vendor)							
Mainline Water Valves							
Local Water Distribution Crossovers							
Tank Installation							
Local connections							
Trench Shading (preliminary backfilling)							
Backfill and compact to finish grade							
Punch List Walk-through/ pressure testing							
Punch List Completion							
Final Walk-through/ pressure testing							
Close-out Construction							
<b>Completion</b>							
Complete and Deliver Project Manuals							
Water Department Staff Training							
Close-Out with HUD							

## Rating Factor #2: Need/ Extent of the Problem

### Development Need:

**Introduction to Chemehuevi Tribe:** The Chemehuevi Tribe is one of the southwestern Indian Tribes that was recognized by the United States government in 1907. 36,000 acres of the Chemehuevi Valley were established as the reservation. In 1929, the Metropolitan Water District was formed by the State of California and plans for Parker Dam were formulated. Portions of the original Tribal lands now lie under Lake Havasu, which straddles the Arizona/California border on the Colorado River and was dammed in the 1940's. For this and other reasons, the Tribal government did not form at the present location until 1970.

The Chemehuevi Reservation now is situated on the western shore of Lake Havasu and San Bernardino County, California, across Lake Havasu from Lake Havasu City, Arizona, as shown in the graphic below. The Reservation consists of approximately 30,000 acres equaling about 44 square miles. The shoreline includes roughly 28 miles of coast, beaches and bluffs along the western shore of Lake Havasu.



While the Reservation encompasses such a large area, roadway access is limited to a single 17-mile access from US Highway 95 in California. Lake Havasu City, Arizona (population 33,000) lies three miles across the Lake, but an hour and a half to two hours away by car due to bridge locations on the river. Shopping, schools (except elementary school) and opportunities for employment are generally over an hour's drive away from the Reservation in Needles, California (north) or Parker, Arizona (south).

Homesite #2 is located along the eastern shore of the northern portion of the Reservation. This existing residential area is the primary subject of this application.

### **Homesite #1 & #2 Water Tank Replacement Project:**

The Water Tank being installed via this FY10 ICDBG will serve both Homesites #1 and #2. Homesite #1 was the first-occupied settlement of mobile homes (trailers) on the Chemehuevi Reservation and has slowly been abandoned over the years in favor of permanent homes at Homesite #2. Only a few occupied lots remain; however, the Water Tank to be installed will continue to serve the Homesite #1 distribution system.

Homesite #2 is the original location of the first permanent residences. It is still the housing area where the majority of Tribal Members live, and is located immediately to the east of the public service core of the Reservation. The location provides easy access to the variety of services that the Tribe provides for its households.

Water and sewer facilities serving Homesite #2 were installed in the 1970's. The Tribe operates it's own Chemehuevi Water Department, which acts as a utility for water and sewer services. This includes not only reading meters and collecting fees, but also the responsibility for keeping systems in repair.

The water system consists of a siphon located at the Lake Havasu shore, to the east of the housing area. This siphon pumps water to a storage tank (the subject of the grant application) near the housing area, which then gravity-flows through under-street mainlines to the houses.

The utilities in Homesite #2 have not aged well. In recent years, more and more time and materials have been spent on increasingly frequent repairs. This is reflected in ever-increasing budgets for the Chemehuevi Water Department. It also is reflected in the number of outages that are occurring. In a climate where summers regularly reach 115-degrees, the water outages are more than an inconvenience.

Based on this, the Tribe's Realty Department and the Water Department began working with Indian Health Service (IHS) in 2004 to address the issues. Various feasibility reviews were performed by IHS, addressing both the water service and the sewer service. A number of system failures were identified. These have been used in an attempt to amass funding to accomplish permanent solutions to the problems.

The Tribal Council, the Chemehuevi Water Department and the Tribal Realty Department have shared the brunt of Tribal Member complaints. There have been regular water outages related not only to line breaks, but also regular power failures, which shut down the entire community's water system. Since booster pumps at the storage tank also pressurize the system, during power outages, there is little pressure, even if the storage tank is adequately full. The capacity of the water storage tank is not sufficient to serve the water demand through these periods and it drains quickly.

35.

Working with the Chemehuevi Tribe, and utilizing IHS, HUD and EPA resources, IHS has achieved funding for the majority of repairs to both the water and wastewater systems. The most recent project, funded via EPA, IHS and an FY09-HUD-ICDBG, is underway. That ICDBG project includes repairs to the water distribution lines and installation of redundant pumps at the existing water storage tank. Wastewater collection system lift station replacements are also included in that project.

The FY09 water distribution repairs, when complete, will resolve the repeated breaks in the waterlines that serve the area by replacing segments of the system and replacing various valves and meters. The existing Water Storage Tank is as antique as the rest of the system and needs renovation or replacement (see IHS SDS in Attachment #12 – Proposed Facilities segment). However, renovation is not an option since it would need to be drained, re-fabricated and the interior epoxy-coated to remove the current source of suspended metals identified in water quality testing. To do so, the Chemehuevi Reservation would have no water service for a period of approximately 90-120 days, since the tank would need to be drained for the renovation process.

Therefore, IHS and the Chemehuevi Tribe determined that a new tank is necessary. Not only does this allow the Tribe to increase the available water storage to meet future demands, but it would allow the existing tank to be renovated as a backup supply when the Lake Havasu Siphon pump system needs to be shut down for repairs or is down due to power outages, cutting off the mainline water supply.

The IHS Assessment in Attachment #12 includes development of an alternative well, which is not a part of this project. The reader should be aware that this Chemehuevi Water Tank Project only addresses the gravity storage element. A later project may address issues applying to the wells. Therefore, the budget that is included in this application was created by IHS to isolate this ICDBG project from the balance of other identified items in the SDS.

The purpose of this Project is to utilize the solution to the water tank issues that IHS has recommended into a single engineering and construction project that minimizes impacts on Tribal residents. By utilizing this method, costs will be minimized and the results will be maximized. The project also will result in decreased continuing maintenance costs.

While it may appear that the Chemehuevi Tribe's approach to resolving the water system issues has been piecemeal; with IHS's assistance, it has been logical. As fundings have been achieved, the water supply lines and water distribution systems upgrades are nearing completion. This now allows installation of the new Water Storage Tank without the resulting increased water pressure in the distribution system bursting the formerly antiquated pipes. Improvements on the supply side allow this new water tank to suffer fewer outages on refills, and future renovation of the existing tank (if ultimately found feasible) would provide a redundant system. Beyond increasing

capacity by installing a larger tank than that existing, the redundant system would allow a tank to be taken off-line while work is performed on the other without interrupting water service. This may allow renovation of and retention of the current tank to further increase capacity for fire flows and back-up supply.

The key outcome of this Project is a fully renovated water system, capable of reliably serving Homesites #1 and #2, which contain the majority of the existing Tribal residences. The project will also result in improved water quality by removing the current principle source of suspended metals in the water supply. This increases the quality of housing provided to Tribal Members and increases Tribal Members' satisfaction in their homes.

### **Benefits the Neediest**

More than 85% of Chemehuevi Tribal Members are moderate income. Over 85% (91.49%) received low- or moderate- incomes in calendar year 2000, according to an enumeration of Reservation households, (2001 confidential Chemehuevi Income Survey, under Tab #13). The results and methodology are given below. The Chemehuevi Indian Community does not make any per capita distributions of income or assets of any kind to its members. (However, the census does include all per capita payments received by members of other tribes who may reside on the Chemehuevi Reservation).

Methodology. The Chemehuevi Indian Community conducted a door-to-door survey to estimate Reservation residents' household sizes and incomes for 2000. The survey was conducted in early 2001. The survey was prepared following HUD's guidance in "Suggested Procedures For Conducting A Sample Survey To Determine Whether The Majority Of Persons In A Target Area Have Low- And Moderate-Incomes." The Chemehuevi Housing Authority directed the survey and several personnel were familiarized in the method and manner of conducting the survey results on standardized forms. The ICDBG survey tools, together with the form also appear under Tab #13.

There are approximately 76 occupied households on the Reservation. These households include approximately 220 members, who comprise the primary beneficiaries of the proposed ICDBG project. A universe of this size requires a sampling of 65 households, according the HUD guidelines. Enumerators conducted door-to-door surveys at various different times during the day and early evening. The enumerators interviewed only household heads and other knowledgeable, responsible adults, following the HUD guidelines.

Enumerators solicited information on household size and 2000 income strictly following HUD guidelines on the method and definitions of family size and income. The enumerator noted the resultant information on a census instrument that was signed for accuracy by both the householder and the interview. Enumeration was not concluded

until responses were obtained from all contactable Reservation households. The data was compiled into a tally sheet that appears in Attachment 13.

The data show that over 85% (91.49%) of household members received low- and moderate-income in 2000. Further analysis of the data in the exact order prescribed by HUD's guidelines demonstrates that we can be highly confident that over 85% of community household members are low- and moderate-income:

Total # of Households	76	1
Total number interviewed	65	2
Total Low Income	58	3
Total Population Low	172	4
Total Households Higher	7	5
Total Population higher	16	6
<b>Avg. low household size</b>	<b>2.97</b>	<b>7</b>
<b>Avg. high household size</b>	<b>2.29</b>	<b>8</b>
<b>percentage low-mod inc.</b>	<b>0.89</b>	<b>9</b>
<b>percentage higher</b>	<b>0.11</b>	<b>10</b>
<b># of low-mod households</b>	<b>67.82</b>	<b>11</b>
<b># of higher households</b>	<b>8.18</b>	<b>12</b>
<b>estimate of total low-mod</b>	<b>201.11</b>	<b>13</b>
<b>estimate of higher</b>	<b>18.71</b>	<b>14</b>
<b>estimate of total pop.</b>	<b>219.82</b>	<b>15</b>
<b>% having low-mod.</b>	<b>91.49</b>	<b>16</b>

Applying HUD's guidelines to the survey of households yields a final estimated percentage of low-mod persons in the target area of approximately 91% at HUD's accepted confidence level. The Community Council certifies the data's validity through their Omnibus Tribal Resolution under Tab #11, Page 4&5, items #12 and #13.

CHEMUNUEVI INDIAN TRIBE

2011 PROPOSED BUDGET (Jan. 1, 2009 - Dec 31, 2009)

W A T E R  
1 0 6

160-015  
PW-015

APPROVED FY 2010 BUDGET	NOTES FOR FY 2010 BUDGET	NOTES FOR PROPOSED FY 2011 BUDGET	
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INCOME

WATER USAGE CHARGES

RESIDENTIAL WATER	42800	\$ 120,000	\$ 106,335	
COMMERCIAL WATER	42807	77,859	65,181	
SERVICE HOOK UP FEES	42801	600	550	600
CONTRACT WORK FEES	42802	2,500		
SEWER CHARGES				
RESIDENTIAL SEWER	42804	130,000	128,697	
COMMERCIAL SEWER	42808	27,460	30,347	
METER SET FEES	42806	1,500		
LATE FEES	42803	7,500	5,913	
MISC. REVENUE (RENTAL, SALES, ETC.)	44000	100		
INTEREST REVENUE	43000	60	30	40
INSURANCE PROCEEDS	42720	-		
CARRYOVER FROM PRIOR YEAR	40001	24,925	60,282	
<b>TOTAL INCOME</b>		<b>\$ 392,504</b>	<b>\$ 397,313</b>	

PERSONNEL

WAGES	60730	\$ 146,744	\$ 145,527.87	\$ 146,744.00
WATER DEPARTMENT STANDBY TIME	60731	3,640	3,640	3,640
BILLING CLERK (30%)	60036	8,986	8,986	8,986
ADMINISTRATION ACCOUNTS RECEIVABLE (25%)	60050	5,200	5,196	5,200
CARETAKER @ 2.24 HRS/WK	60070	1,076	1,142	1,165
UNSPECIFIED	60909	3,000		3,000
EMPLOYER BENEFIT CONTRIBUTION (13%)	60900	20,237	21,384	21,936
CAFETERIA BENEFIT PACKAGE (21%) - Health Insurance, Dental, 401k, Etc.	60902	35,416	33,773	-
<b>TOTAL PERSONNEL</b>		<b>224,370</b>	<b>219,655</b>	<b>190,670</b>

OTHER EXPENSES

TRAVEL/TRAINING	61000	3,000		
PROGRAM SUPPLIES	62000	1,200		
- COPY SERVICE (@ .03/COPY)	68050	1,350		1,350
- POSTAGE & EQUIPMENT LEASE	68040	2,184	5,223	6,228
SOFTWARE - Billing Program	62005	3,400	3,400	3,400
INVENTORY SUPPLIES (Pipe, Fittings, Etc.)	62100	10,000		
LAB FEES (TEST EVERY QUARTER)	63005	4,000		
FUEL	62500	15,000	13,430	
VEHICLE REPAIR/MAINTENANCE	64020	3,000		
BUILDING REPAIR/MAINTENANCE - Western Alarm, Allied Waste, Baron Pest Control, Misc.	64000	4,000	1,956	
- OFFICE ELECTRIC	68010	4,800	3,843	4,000

31.

CHEMUNUEVI INDIAN TRIBE

2011 PROPOSED BUDGET (Jan. 1, 2009 - Dec. 31, 2011)

W A T E R  
1 0 5

	160-015	APPROVED FY 2010 BUDGET	NOTES FOR FY 2010 BUDGET	NOTES FOR PROPOSED FY 2011 BUDGET
- ELECTRIC FOR CUSTOMER SERVICE	68012	3,500	31,583	35,000
- PROPANE FOR LIFT STATIONS	68015	2,200		
- VEHICLE INSURANCE	68020	3,404	3,404	3,404
- PROPERTY INSURANCE	68022	1,895	1,740	1,740
TELEPHONE	68000	2,500	2,234	2,500
- INTERNET	68008	720	720	720
- CELL PHONES	68009	2,580	2,354	2,580
TOOLS/EQUIPMENT	62150	5,000		
<del>EQUIPMENT RENTAL</del>	<del>65001</del>	<del>2,500</del>		
<del>BAGGHOE REPAIR</del>	<del>64021</del>	<del>1,800</del>		
<del>WATER PUMP REPAIR</del>	<del>64022</del>	<del>1,500</del>		
<del>LIFT STATION REPAIR</del>	<del>64023</del>	<del>2,500</del>		
VEHICLE REGISTRATION	67010	406	1,524	1,524
UNIFORMS	62020	800		
CONTRACT LABOR	62101	100		
TOTAL OTHER EXPENSE		<u>83,349</u>		
TOTAL PERSONNEL & OTHER EXPENSE		<u>307,719</u>		
<b>RESERVED FUNDS &amp; CAPITAL ASSETS</b>				
CAPITAL IMPROVEMENT FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
REPLACEMENT FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
MAINTENANCE FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
SEWER REPLACEMENT FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
MISCELLANEOUS - Contingency	69091	20,000	15,000	
VEHICLE PAYMENTS - (1507.98/MONTH) - paid off 3/2010	69091	4,524	4,524	
TOTAL EXPENDITURES		<u>\$ 332,242</u>		
UNRESERVED AMOUNT TO CARRY OVER		\$ 60,262		

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(Eastern)

STARS

SDS NARRATIVE - DRAFT

<b>Project/Phase Name:</b> Cheme Wtr System Tanks and Well		<b>Number:</b> CA36038-1101 (Not Funded)		<b>Priority:</b> 191		<b>Econ Feasible:</b> Y				
<b>Area:</b> PHOENIX		<b>Community Name:</b> CHEM VALLEY		<b>Project:</b> 11		<b>Feasibility Overridden:</b> N				
<b>Tribe:</b> CHEMEHUEVI TRIBE OF THE CHEMEHUEVI RESERVATION, CALIFORNIA		<b>District:</b> WADO		<b>Phase:</b> 01		<b>IHS Reviewed:</b> P				
<b>EPA PWS ID:</b>		<b>Field Office:</b> Parker		<b>Self Gov Code:</b> C						
<b>Engineer:</b> Kane, Julia		<b>Last Updated By:</b> Heintzman Thomas		<b>Last Update:</b> 09/25/2009						
<b>DEFICIENCY LEVELS</b>				<b>RATING SCORES</b>						
Initial: 2		Final: 1		Health Impact: 8		Capital Cost: 4				
				Deficiency: 6		Tribal: 0				
				Previous Service: 0		O & M Capability: 13				
				Contribution: 0		Other Considerations: 0				
				Total Score: 31						
<b>Community Home State Code</b>	<b>Type</b>	<b>Eligible</b>	<b>Number of Homes</b>	<b>Initial Def. Level</b>	<b>Final Def. Level</b>	<b>First Service</b>	<b>Water Service</b>	<b>Sewer Service</b>	<b>Solid Waste Service</b>	<b>O &amp; M Service</b>
A CA36038	E1	Y	23	2	1	N	Y	N	N	N
B CA36038	H1	Y	89	2	1	N	Y	N	N	N
C CA36038	E3	N	410	2	1	N	Y	N	N	N
D CA36038	E1	N	9	1	0	N	Y	N	N	N
			<b>Total: 531</b>							
<b>COST DATA</b>	<b>IHS Cost</b>	<b>IHS Unit Cost</b>	<b>Eligible Cost</b>	<b>Eligible Unit Cost</b>	<b>Allowable Unit Cost</b>	<b>Contributions</b>	<b>Ineligible Cost</b>	<b>Total Cost</b>		
<b>Water:</b>	\$401,342	\$3,583	\$401,342	\$3,583	\$15,400	\$1,468,063	\$1,468,063	\$1,869,405		
<b>Sewer:</b>	0	0	\$0	\$0	\$15,400			\$0		
<b>Solid:</b>	0	0	\$0	\$0	7,700			\$0		
<b>O &amp; M:</b>	0	N/A	0	N/A	N/A			\$0		
<b>Total Cost:</b>	\$401,342	\$3,583	\$401,342	\$3,583	\$77,000	\$1,468,063	\$1,468,063	\$1,869,405		
<b>Special Requirements:</b> none										

EXISTING DEFICIENCIES:

**Water:** Insufficient gravity storage to meet design standard (2 days avg demand during peak month). One of two wells is currently not in operation due to water quality issues and no power back up at this well. Rapid development/expansion of community burdening water system.

**Sewer:** None

**Sol. Wst.:** None

**O & M:** None

PROPOSED FACILITIES:

**Water:** Construct new storage tanks and a community well.

## Chemehuevi Indian Tribe 2001 Confidential CDBG Census

## Talley Sheet

Street Address	number in household	less than card	more than card	not home	census less	census more
102 W. Palo Verde	5	x			5	0
104 Palo Verde	6	x			6	0
105 Palo Verde	4	x			4	0
106 Palo Verde	7	x			7	0
107 Palo Verde	2	x			2	0
109 Palo Verde	2	x			2	0
110 Palo Verde	1	x			1	0
111 Palo Verde	1	x			1	0
112 Palo Verde	2	x			2	0
114 Palo Verde	2	x			2	0
117 Palo Verde	3	x			3	0
118 Palo Verde	4	x			4	0
119 Palo Verde	4	x			4	0
120 Palo Verde	5	x			5	0
121 Palo Verde	3	x			3	0
122 Palo Verde	5	x			5	0
123 Palo Verde	4	x			4	0
124 Palo Verde	5	x			5	0
126 Palo Verde	1	x			1	0
127 Palo Verde	1	x			1	0
129 Palo Verde	2	x			2	0
131 Palo Verde	5	x			5	0
133 Palo Verde	1	x				
134 Palo Verde	2	x			2	0
135 Palo Verde	1	x			1	0
1 N. Valley Mesa	2		x		0	2
2 N. Valley Mesa	1	x			1	0
3 N. Valley Mesa	1	x			1	0
4 N. Valley Mesa	7	x			7	0
6 N. Valley Mesa	5	x			5	0
8 Valley Mesa	2	x			2	0
9 Valley Mesa	4	x			4	0
10 Valley Mesa	2		x		0	2
11 Valley Mesa	2		x		0	2
13 N. Valley Mesa	2	x			2	0
14 Valley Mesa	5	x			5	0
15 N. Valley Mesa	2	x			2	0
17 Valley Mesa	2		x		0	2
18 N. Valley Mesa	2	x			2	0
19 N. Valley Mesa	1		x		0	1
20 N. Valley Mesa	2	x			2	0
21 N. Valley Mesa	5	x			5	0
22 N. Valley Mesa	8	x			8	0
23 N. Valley Mesa	4	x			4	0
24 N. Valley Mesa	1	x			1	0

①

Chemehuevi Indian Tribe 2001 Confidential CDBG Census						
Talley Sheet						
Street Address	number in household	less than card	more than card	not home	census less	census more
26 N. Valley Mesa	3	x			3	0
27 N. Valley Mesa	2	x			2	0
29 S. Valley Mesa	2	x			2	0
31 S. Valley Mesa	4	x			4	0
33 S. Valley Mesa	3	x			3	0
34 S. Valley Mesa	2	x			2	0
36 S. Valley Mesa	5		x		0	5
38 S. Valley Mesa	2	x			2	0
39 S. Valley Mesa	7	x			7	0
41 S. Valley Mesa	3	x			3	0
42 S. Valley Mesa	2	x			2	0
44 S. Valley Mesa	2	x			2	0
45 S. Valley Mesa	2	x			2	0
47 S. Valley Mesa	2	x			2	0
48 S. Valley Mesa	2		x		0	2
49 S. Valley Mesa	2	x			2	0
51 S. Valley Mesa	2	x			2	0
52 S. Valley Mesa	1	x			1	0
54 S. Valley Mesa	1	x			1	0
56 S. Valley Mesa	2	x			2	0
totals	189	58	7	0	172	16
Total # of Households	76	1				
Total number interviewed	65	2				
Total Low Income	58	3				
Total Population Low	172	4				
Total Households Higher	7	5				
Total Population higher	16	6				
Avg. low household size	2.97	7				
Avg. high household size	2.29	8				
percentage low-mod inc.	0.89	9				
percentage higher	0.11	10				
# of low-mod households	67.82	11				
# of higher households	8.18	12				
estimate of total low-mod	201.11	13				
estimate of higher	18.71	14				
estimate of total pop.	219.82	15				
% having low-mod.	91.49	16				

(2)

## Confidential 2001 Chemehuevi Indian Tribe ICDBG Census

“Total Income” includes all money received from January through December 2000 from:

- Work, arts and crafts, gardening, ranching (*net* after all expenses),
- Pensions and retirement accounts, Social Security payments, and SSI (Supplemental Security Income),
- Food stamps, GA (General Assistance) payments, TWEP Tribal Work Experience Program, and TANF (Temporary Assistance to Needy Families) (formerly AFDC),
- JTPA job training program income,
- Unemployment insurance, disability insurance payments, and,
- Payments and *per capita* payments from another tribe, but Tribal loans do *not* count as income.

“Adult household member” means:

- A person who lives in this house more than anywhere else *AND*
- At least age 18, *and* not a student. For example, do *not* count earnings of a 17-year-old, do *not* count earnings of a 20-year-old student.

③

**2001 Confidential Chemehuevi Indian Tribe ICDBG Census  
Census Form**

1. Household Street Address:

101 PALOUKDE DRIVE

2. Name of person interviewed; (somebody qualified to speak for the household, such as the head of the household, his or her spouse, or somebody in the household who is mature and knowledgeable about household income):

ELIZABETH AVERSAN

3. (Give the person the explanation sheet, and discuss it. Ask:) "Including people temporarily away, how many people live here in this house?"

3 people most of the time.

4. (Show the income card for this size household. Ask: "For the whole year 2000, was the total income of all the adults living here more or less than the amount on this card?" (Mark answer below.)

- More than what's on the card,  
 Less than what's on card.

5. Signature of Person being interviewed:

Elizabeth Averstan

6. Signature of interviewer:

William Davis

7. Date This Form Completed:

3/21 2001

(4)

45.

**CONFIDENTIAL**  
**2001 Chemehuevi Indian Tribe ICDBG**  
**Census**

**2000 Income More Or Less Than:**  
**\$26,550**

**Family Size: 1**

**CONFIDENTIAL**  
**2001 Chemehuevi Indian Tribe ICDBG**  
**Census**

**2000 Income More Or Less Than:**  
**\$30,350**

**Family Size: 2**

**CONFIDENTIAL**  
**2001 Chemehuevi Indian Tribe ICDBG**  
**Census**

**2000 Income More Or Less Than:**  
**\$34,150**

**Family Size: 3**

(5)

46.

**CONFIDENTIAL**  
2001 Chemehuevi Indian Tribe ICDBG  
Census

2000 Income More Or Less Than:  
**\$37,900**

Family Size: 4

**CONFIDENTIAL**  
2001 Chemehuevi Indian Tribe ICDBG  
Census

2000 Income More Or Less Than:  
**\$40,950**

Family Size: 5

**CONFIDENTIAL**  
2001 Chemehuevi Indian Tribe ICDBG  
Census

2000 Income More Or Less Than:  
**\$44,000**

Family Size: 6

(10)

**CONFIDENTIAL**  
**2001 Chemehuevi Indian Tribe ICDBG**  
**Census**

**2000 Income More Or Less Than:**  
**\$47,000**

**Family Size: 7**

**CONFIDENTIAL**  
**2001 Chemehuevi Indian Tribe ICDBG**  
**Census**

**2000 Income More Or Less Than:**  
**\$50,050**

**Family Size: 8**

⑦

### ***Rating Factor #3: Soundness of Approach***

#### **Description of and Rationale for Proposed Project**

*Overview:* The Chemehuevi Water Tank is part of a continuing comprehensive water & wastewater renovation project. The Water Tank project consists of procuring and installing a 325,000-gallon glass-fused-to-steel water storage tank. The project also involves various associated items such as:

1. Interconnections with the mainline water source fed by the siphon on the Lake Havasu shore.
2. Expansion of the service road at the water tank site to include access to the new water tank.
3. Interconnections to the existing residential water supply system.
4. Installation of a telemetry system that automatically monitors the tank conditions (water levels, etc.).
5. Fencing and lighting of the site for security.

To accomplish this, the project also includes an environmental assessment, soils testing, geotechnical investigations, and project engineering.

The project need is more thoroughly described under rating factor #2. The ultimate project goal is to complete the system to provide quality water and reliable water services to the Homesite's residents, improving their quality of life.

IHS and the Tribe have worked together to coordinate all aspects of the project. As with previous projects, a Memorandum of Agreement between IHS and the Tribe will establish the manner in which the project will be implemented. Upon funding, the project will be incorporated into either an updated Memorandum via Addendum or in a new MOA. IHS has been a party to the submittal of this application and was responsible for the final budgeting that determined the need for this final element of water system renovations. The underlying IHS-SDS is included in Appendix #12, although, not all items (the recommended new well) are included in this ICDBG project.

The individual elements of the project are reflected in the construction cost budget developed by IHS and detailed later in this ICDBG application segment. These are further detailed in the Construction Schedule which lists the tasks and timing for the projects (Attachment #9).

*Viable Project:* The project was determined to be viable through studies conducted by the Phoenix Area Indian Health Service Office of Environmental Health and Engineering. The project's viability has resulted in the previously obtained EPA funding and the Memorandums of Agreement for development of the previous elements of the project. The IHS-SDS Narrative (Attachment #12), documents the project and attests that IHS feels that this is the most viable solution to the ongoing problems.

*Cost Effective and Rationale for Design:* IHS has produced each of the elements of the overall water & wastewater renovation project, in association with EPA and the Chemehuevi Tribe, after examining alternatives. IHS has selected this solution as being the most cost effective in resolving the continuing issues. Further, the adopted alternative reduces future O&M costs and reduces physical O&M impacts (time) on the Chemehuevi Tribe's Water Department. Furthermore, installation of the new tank may allow renovation of the old tank, which is impossible at this time. In the future, a renovation of the existing 150,000-gallon tank could even further enhance system reliability and capacity by creating additional back up supplies.

*Outputs & Outcomes:* Outputs are addressed in Rating Factor #2 and are addressed again in Factor #5. Outcomes are also addressed in rating factor #5. These are reflected in the Logic model that under Attachment #10 in this application. The output is a single connected water tank although the measure (by e-logic default) is "linear feet". The Factor 5 narrative addresses this and also describes the other outputs of this program that are not included in the Logic Model drop-downs. The outcomes are the increased quality and consistency of water delivery to the 99 homes currently connected to the system.

*Project Rationale:* Every portion of the project is based on the needs reported in Rating Factor 2. IHS will be directing the project to meet the specific conditions that they have documented. The sizing of the Water Tank (325,000-gallons vs. the current 150,000-gallon tank) is based on IHS's projection of water demands and Water Department records reflecting water outages due to the existing tank emptying less than 12-hours after an outage begins. By utilizing a glass-lined tank (the current tank is unlined) a major source of suspended metals in the Chemehuevi water supply is also removed. Further, the project satisfies not only the physical needs of the systems; it also satisfies Tribal Members dissatisfaction with the reliability of the systems and thereby increases their satisfaction with their housing situations.

*Project Size:* Only the failing portions of the water and wastewater systems are being replaced or renovated as part of the overall project. The Water Tank is a single element in that project which is now nearing completion. The replacement tank is scaled to meet established water demands, including required fire flows. Since the tank serves a developed area with some vacant lots, future demand is easy to predict. All elements of the project are sized to meet the projected demand as Tribal homes are built on the vacant lots. The size is appropriate to addressing the identified needs.

*Project Type:* As a continuation of water renovation (infrastructure) projects being constructed to resolve system failures, the project type is appropriate to the goals.

*Project Location:* As described above, the project serves Homesite #1 & #2, the Tribe's original housing area and its current permanent housing areas. The map on the following page is an overview of the street system in the immediate area. A portion of the engineering for the new Water Storage Tank will address the final location; however, it is currently expected that it will be located immediately adjacent to the existing water tank (area shown on map). The water siphon that feeds the housing area is located on the shoreline of Lake Havasu adjacent to the right (east) of the tank site. Booster



**325,000-Gallon Glass-Fused to Steel Water Storage Tank  
to be located near existing 150,000 gallon tank**

**Chemehuevi Indian Reservation**

Engineer's Estimate

prepared by: Julia Kane, IHS Field Engineer,  
10/2010

**CONSTRUCTION COSTS**

Item	Description	Number	Unit	Unit Cost	Total Cost
1	325,000-gal Water Storage Tank & Foundation	1	EA	\$364,800	\$364,800
2	Geotechnical Investigation	1	EA	\$10,000	\$10,000
3	Access Road	1	LS	\$20,000	\$20,000
4	Site Prep including gravel surfacing	1	LS	\$10,000	\$10,000
5	12" PVC Water Main	1,000	LF	\$30	\$30,000
6	12" DI Piping	100	LF	\$60	\$6,000
7	12" Gate Valve	4	EA	\$1,500	\$6,000
8	Telemetry	1	EA	\$5,000	\$5,000
9	Fencing	500	LF	\$25	\$12,500
10	Performance Bond 1.5%	1	EA		\$6,965
Subtotal:					\$471,265

**NON-CONSTRUCTION COSTS**

1	Archaeological Survey			\$2,000
2	Biological Survey			\$1,000
3	Soils Testing			\$3,500
4	Project Technical Support	10%		\$47,126
5	Engineering Design Services	8%		\$37,701
6	Engineering Program Support	4%		\$18,851
7	<b>Tribal Administration</b>	<b>6%</b>		<b>\$37,701</b>
8	Contingencies	5%		\$23,563
Subtotal:				\$171,443
<b>TOTAL:</b>				<b>\$642,707</b>

The entries in this spreadsheet then are combined into the HUD-4123 appearing in Attachment #3. Subtracting the Tribal Administration, the HUD total is \$605,006 (\$642,707 - \$37,701). This has been rounded to \$605,000 in the HUD-4123.

**HUD Policy Priorities**

To the greatest extent possible, this infrastructure project meets HUD's priority of incorporating Enterprise Green Communities "Healthy Living Environment" into the project under the NOFA requirements of rating factor #3, item (3.) (2.) (a.). Including the "Site, Location and Neighborhood Fabric" criteria established by the Green Communities Criteria 2008 manual. The project will also utilize recommendations of the Energy-Star-recommended *DOE Industrial Technologies Program* to shape specifications for project equipment and materials, where directly-certified Energy Star products are not available.

1. The project also utilizes pre-existing disturbed areas to minimize any new impacts on the landscape.
2. The project incorporates portions of the existing system, minimizing the use of new materials to the extent possible.
3. The project will require environmentally sound methods of recycling removed materials and safe disposal of those that cannot be recycled.
4. The project has incorporated Tribal Member desires and is sensitive to the Tribal Member's needs and the community's culture.

### **Commitment to Sustain Activities**

The Chemehuevi infrastructure project described in this application is solely for the benefit of the Chemehuevi Tribe and involves no continuing outside services or programs. The sole exception is IHS's involvement in project management, and their future involvement in maintenance training and water quality testing and (if needed) remediation recommendations and assistance. The installed systems become solely the continuing responsibility of the Chemehuevi Indian Tribe and its Water Department.

*Maintenance and Operations Plan:* The Chemehuevi Tribe adopted the "Chemehuevi Water & Sewer System Operations Manual" by Council Resolution in 1998, revised 2001. The manual was prepared by the Native American Water Association; Operator Apprentice Training Program (Minden, Nevada). The manual includes all aspects and checklists for maintenance of the Chemehuevi's systems and has been consistently utilized to maintain the Tribe's existing installations. The manual and adopting resolution clearly entrust the Water Department with the operations and maintenance of all current and future water and sewer systems, including coordination with other entities necessary to the implementation of those procedures.

The Chemehuevi Tribe's FY2010 budget allocates \$332,242 for this year's operations and includes a continuing Carry-over of an additional \$60,000 (Attachment #14). The maintenance amount includes maintenance, insurance, personnel, equipment inventory and reserves.

The FY2010 budget does not reflect an increased budget for the new systems' O&M. The Tribe and IHS have agreed that the system's improvements will result in a net **reduction** in Operations & Maintenance Costs and the Chemehuevi Water Department's budget. This is evident in comparing the FY2009 and 2010 budgets. With implementation of the first water & sewer improvements in the Lakeside area and initial renovations of the systems in Homesites #1 and #2 (FY09 ICDBG), the budget has actually decreased by \$30,000 due to a reduction in emergency repairs. That reduction is expected to continue through the completion of the FY09 project and implementation of this FY10 Water Tank project.

Written statements specifically addressing the HUD Rating Factor:

*Adoption of Operations & Maintenance Plan:* The "Chemehuevi Water & Sewer System Operations Manual" includes the original 1998 and (revised manual) 2001 adopting

Resolutions and the Tribe further certifies that they will continue to fund the Water Department's operations in their FY12 budget to cover project elements as they come on-line. (See also the Tribal Resolution in Attachment #11, pages 3&4, items #8 and #9).

The Manual was adopted as a Tribal Ordinance and has been subsequently updated with other adopted Ordinances as follows:

Original Manual: Ordinance 98-10-31  
Supplement: Discharge of Pollutants: Ordinance 97-01-24-1(a)  
Supplement: Water Shortages: Ordinance 97-01-24-1(b)  
Supplement: Use of Groundwater and Surface Water: Ordinance 97-01-24-1(c)  
Ordinance 01-11-01: Sewer & Wastewater Ordinance updating Sewer operations and establishing new criteria for all system operations. This Ordinance includes a re-assertion of the Manual-to-date.

This illustrates that the Chemehuevi Water & Wastewater O&M manual has not been static and is adapted as each new system is implemented or regulations change. The Resolution under Attachment #11 certifies that a modification may occur again, once the final systems as-installed are known via the final Project Closeout Manual from the contractor and IHS recommendations for the maintenance of specific components (per manufacturer's recommendations and warranties).

Items addressed in the current M&O Plan include:

1. Maintenance: The Maintenance Plan includes processes and procedures for every aspect of water and sewer maintenance. It also includes specific inspection schedules and checklists for recording system conditions. Further, it provides procedures for remediation and requirements for outside consultations, dependent on system events.
2. Repairs: Specific procedures are included in the manual addressing repairs. In addition, supplemental manuals have been added that are specific to each system. IHS will require that the General Contractor for this project supply both as-built documentation and Project Manuals for the subject new installations to ensure that the Water Department has all necessary information following project completion. Further, the Contractor will be required to provide system-specific training to Water Department personnel regarding both maintenance and day-to-day operations.
3. Insurance: As infrastructure, the system is covered under the Tribe's general insurance policy. This is reflected in the 2001 Operations Manual.
4. Security: Most security items will be part of the engineering of the water tank. This includes items like lockable access ladders and measures to prevent vandalism, including fencing, security lighting, etc.

The above items, together with any future items or budgets developed by IHS, have been adopted by Council Resolution.

The FY10 Water Department Budget (Attachment #14) shows that the Tribe includes every aspect of water & wastewater operations and maintenance already. The tank to be installed using this grant are intended to further *decrease* line items that already exist.

*Source and Commitment of Operating Funds:* The adopted Project Resolution (Attachment #11) commits funding for operating funds, regardless of any decrease or increase, (under items 8-10 in the Resolution). The commitment includes accommodating any adjustments necessary to the Tribe's O&M ordinances, as recommended by IHS and approved by Tribal Council.

*Service Providers:* There are no outside service providers involved in the maintenance and operations of this project.

*Commitment:* This application and Council's adoption of the "resolved" line items (Attachment #11, items #8 through #10) in the Project Resolution is a commitment to provide all of the necessary operations, maintenance and supporting costs, including any amendments made necessary through construction of this project, as recommended for approval by IHS.



CHEWENUEVI INDIAN TRIBE

2011 PROPOSED BUDGET (Jan. 1, 2009 - Dec. 31, 2009)

W A T E R  
1 0 6

160-015  
PW-015

APPROVED FY 2010 BUDGET	NOTES FOR FY 2010 BUDGET	NOTES FOR PROPOSED FY 2011 BUDGET	
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INCOME

WATER USAGE CHARGES				
RESIDENTIAL WATER	42800	\$ 120,000	\$ 106,335	
COMMERCIAL WATER	42807	77,859	65,181	
SERVICE HOOK UP FEES	42801	600	550	600
CONTRACT WORK FEES	42802	2,500		
SEWER CHARGES				
RESIDENTIAL SEWER	42804	130,000	128,897	
COMMERCIAL SEWER	42808	27,460	30,347	
METER SET FEES	42806	1,500		
LATE FEES	42803	7,500	5,913	
MISC. REVENUE (RENTAL, SALES, ETC.)	44000	100		
INTEREST REVENUE	43000	60	33	40
INSURANCE PROCEEDS	42720	-		
CARRYOVER FROM PRIOR YEAR	40001	24,925	60,262	
<b>TOTAL INCOME</b>		<b>\$ 392,504</b>	<b>\$ 397,313</b>	

PERSONNEL

WAGES	60730	\$ 148,744	\$ 145,527.87	\$ 146,744.00
WATER DEPARTMENT STANDBY TIME	60731	3,640	3,640	3,640
BILLING CLERK (30%)	60036	8,986	8,986	8,986
ADMINISTRATION ACCOUNTS RECEIVABLE (25%)	60050	5,200	5,196	5,200
CARETAKER @ 2.24 HRS/WK	60070	1,076	1,142	1,165
UNSPECIFIED	60909	3,000		3,000
EMPLOYER BENEFIT CONTRIBUTION (13%)	60900	20,237	21,384	21,936
CAFETERIA BENEFIT PACKAGE (21%) - Health Insurance, Dental, 401k, Etc.	60802	35,416	33,773	-
<b>TOTAL PERSONNEL</b>		<b>224,370</b>	<b>219,655</b>	<b>190,670</b>

OTHER EXPENSES

TRAVEL/TRAINING	61000	3,000		
PROGRAM SUPPLIES	62000	1,200		
- COPY SERVICE (@ .03/COPY)	68050	1,350		1,350
- POSTAGE & EQUIPMENT LEASE	68040	2,184	5,223	6,228
SOFTWARE - Billing Program	62005	3,400	3,400	3,400
INVENTORY SUPPLIES (Pipe, Filtings, Etc.)	62100	10,000		
LAB FEES (TEST EVERY QUARTER)	63005	4,000		
FUEL	62500	15,000	13,430	
VEHICLE REPAIR/MAINTENANCE	64020	3,000		
BUILDING REPAIR/MAINTENANCE - Western Alarm, Allied Waste, Baron Pest Control, Misc.	64000	4,000	1,956	
- OFFICE ELECTRIC	68010	4,800	3,840	4,000

CHENUNQUEVI INDIAN TRIBE

2011 PROPOSED BUDGET (Jan. 1, 2009 - Dec. 31, 2009)

W A T E R  
1 0 5

	160-015	APPROVED FY 2010 BUDGET	NOTES FOR FY 2010 BUDGET	NOTES FOR PROPOSED FY 2011 BUDGET
- ELECTRIC FOR CUSTOMER SERVICE	68012	3,500	31,583	35,000
- PROPANE FOR LIFT STATIONS	68015	2,200		
- VEHICLE INSURANCE	68020	3,404	3,404	3,404
- PROPERTY INSURANCE	68022	1,895	1,740	1,740
TELEPHONE	68000	2,500	2,234	2,500
- INTERNET	68008	720	720	720
- CELL PHONES	68009	2,580	2,354	2,580
TOOLS/EQUIPMENT	62150	5,000		
<del>EQUIPMENT RENTAL</del>	<del>65801</del>	<del>2,500</del>		
<del>BAGGHOE REPAIR</del>	<del>64821</del>	<del>1,800</del>		
<del>WATER PUMP REPAIR</del>	<del>64822</del>	<del>1,500</del>		
<del>LIFT STATION REPAIR</del>	<del>64823</del>	<del>2,500</del>		
VEHICLE REGISTRATION	67010	406	1,524	1,524
UNIFORMS	62020	800		
CONTRACT LABOR	62101	100		
TOTAL OTHER EXPENSE			<u>83,349</u>	
TOTAL PERSONNEL & OTHER EXPENSE			<u>307,719</u>	
<b>RESERVED FUNDS &amp; CAPITAL ASSETS</b>				
CAPITAL IMPROVEMENT FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
REPLACEMENT FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
MAINTENANCE FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
SEWER REPLACEMENT FUND (Asset Account \$10,500 Invested)	10044	10,819	10,819	
MISCELLANEOUS - Contingency	69091	20,000	15,000	
VEHICLE PAYMENTS - (1507.98/MONTH) - paid off 3/2010	69091	4,524	4,524	
TOTAL EXPENDITURES		\$	<u>332,242</u>	
UNRESERVED AMOUNT TO CARRY OVER		\$	60,262	

EQ

### ***Rating Factor 4: Leveraging Resources***

The Tribe is contributing all time to be devoted by the Tribe's Tribal Planner in the management and coordination of the project through the entire implementation process, which will last approximately 23 months (Attachment #9: Detailed Schedule). This includes pre-project preparations, administering procurement processes, coordinating with the engineer and IHS on behalf of the Tribe, assisting in preparation of the general conditions of the bid package, administering the bidding and negotiation process and performing field observation work throughout the construction process.

IHS has valued these services at approximately 8% of the construction costs (\$37,101). This translates to approximately 1400 hours (at \$26.58/hour per Joy Firquain, Chemehuevi Chief Financial Officer) over the life of the project (60 hours/month; about 14 hours/week). This is in line with Mr. Cox's time that has been spent in FY10 on the previous elements of the water and wastewater renovation.

The contribution represents approximately 6% of the total project expenses. The contribution of these items is certified in the Tribal Resolution (Tab #10), page 3, item #7 in the "resolved" portion of the Resolution.

## **Rating Factor 5: Comprehensiveness & Coordination**

### **Coordination with Other Organizations**

The on-going repairs to the water and wastewater systems have been thoroughly coordinated with both EPA and IHS and this specific Water Tank element has been developed with IHS as a solution to the remaining capacity and quality issues.

The project has also been coordinated closely with the Tribe's Housing and Water Departments due to the residential nature of the service and the future need to maintain it. The Water Department also has received preliminary training during preparation of both the original and IHS's supplement to the Maintenance and Operations Plan and is continuing to be involved in pre-construction document reviews.

Finally, the entire Tribal Membership has been involved in the process of identifying the key issues and problems that have led to the project. The activities have involved numerous community-wide meetings and reviews.

### **Measurable Outcomes**

The need for the Chemehuevi Homesite #2 Water & Wastewater Renovation Project is detailed in Rating Factor #2. We have utilized the Logic Model to provide the outputs and outcomes for the Project. The Logic Model excel spreadsheet in Attachment #10 in this application. The following clarifies key items shown on the Model:

Outputs/ Measurements: We have used the one that applies best to this infrastructure project; however, the automatically-applied unit of measure is "linear feet". The output actually is one 325,000-gallon water tank installed. Therefore the pre-measurement is "1". In addition the project will install about 1000 l.f. of interconnections; 4 gate valves; and 500 l.f. of security fencing as listed in IHS' cost estimate for the project. These elements may be adjusted during the final engineering process.

Outcomes/ Measurements: Since this project addresses water outages and water quality, we have used "improved quality of life" as the Outcome. There are 99 homes served by the systems, leading to the "pre" measurement. When water quality testing is performed by IHS following installation of the tank, together with Water Department records of reduced shortages and outages, the measurement will be complete.

Evaluation Tools: Logs kept by IHS will be utilized for evaluations. This is the best tracking device, since even future connections must be filed with IHS for inspection. IHS's inspections of the completed project, and their testing of at each connected house, will provide a consistent update of the status of outcomes. Since it is final on-site inspections and the resultant log entries that address the measurement, we used "inspection results" as the source of data.

Since the project construction includes monthly on-site inspection by IHS and the Building Inspector, we have used “monthly” as the frequency of collection. The on-site inspections include certification by IHS. Therefore we have used “manual tallies”, since IHS will produce a written record of the inspections and the houses that pass those inspections.

There are additional measurable outcomes and outputs that are not available in the Logic Model:

1. Reduction in operating costs: The budget necessary to support the Water Department should decrease due to the reduced demand for tank repairs. This is measurable via the Water Department's incurred expenses in the year following completion vs. current Department expenses (FY10).
2. Tribal Resident quality of housing: Residents should feel a greater satisfaction with the quality and reliability of services to their houses. This can be measured by a record of reduced Water Department service calls and a reduction in the number of complaints to the Executive Committee and Tribal Council regarding the outages of water services in the area.

# 2010 eLogic Model® Information Coversheet



## Instructions

When completing this section there are "mandatory" fields that must be completed. These fields are highlighted in yellow. The required data must be entered correctly to complete an eLogic Model®. After completing all mandatory fields on the coversheet click on the "Check Errors" button at the top of this page. Applicant Legal Name must match box 8a in the SF-424 in your application. Enter the legal name by which you are incorporated and pay taxes. CCR Doing Business is new for 2010 eLogic Model®. Only complete this field if your registration at CCR includes an entry in Doing Business as: (dba). Enter the DUNS # as entered into box 8c of the SF-424 Application for Federal Assistance form. Enter the City where your organization is located, this information must match the SF-424 data in your application. Use the dropdown to enter the State where your organization is located, this information must match the SF-424 data in your application. This information must match the SF-424 data in your application. Enter the Grantee Contact Name and email address in the field provided. Enter the name of the person that completed the eLogic Model® and their email address in the field provided. When completing the Project Information Section, applicants except Indian Tribes must enter their Project Name, Project Location City/County/Parish, State, Project Type, and Construction Type. If there are multiple locations, enter the location where the majority of the work will be done. Indian tribes, including multi-state tribes, should enter the City or County associated with their business address location. For Indian Tribes, enter the state applicable to the business address of the Tribal entity.

### Program Information

HUD Program **ICDBG**  
 Program CFDA # **14.862**  
 Program Component


### Grantee Information

Applicant Legal Name	Chemehuevi Indian Tribe		
CCR Doing Business As Name			
DUNS Number	028735165	-	0000
City	Havasu Lake		
State	CALIFORNIA		
Zip Code	92363	-	
Grantee Contact Name	Mr. Bill Cox		
Grantee Contact email	tribe@citlink.net		
Logic Model Contact Name	Mr. Bill Cox		
Logic Model Contact email	tribe@citlink.net		

### Project Information

Project Name	FY10 Chemehuevi Water Tank Project		
Project Location City/County/Parish			
Project Location State			
Zip Code		-	
Project Type			
Construction Type			

### Additional Information for Reporting (Leave Blank At the Time of Application)

Grants.gov Application Number	
HUD Award Number	
Logic Model Amendment Number	







Total

Applicant Legal Name: Chemehuevi Indian Tribe  
 HUD Program: ICDBG  
 HUD Program Component: FY10 Chemehuevi Water Tank Project  
 Reporting Start Date:   
 Reporting End Date:   
 DUNS No. 028735165 - 0000  
 2010

HUD Goals	Policy Priority	Needs	Services/Activities	Measures			Outcomes	Measures			Evaluation Tools
				Pre	Post	YTD		Pre	Post	YTD	
3E	2c	2 Planning Indian Tribes and Alaskan Natives are in need of community infrastructure and facilities to improve the health, safety, and well-being of residents.	3 Programming Infrastructure-Gas & Electric Lines/Roads/Water/Sewer (Linear Feet)	4 Pre Linear Feet	4 Post	4 YTD	5 Impact Infrastructure-Improved quality of life due to improved utility services (Households)	6 Pre Households	6 Post	6 YTD	7 Accountability
				1				99			A. Tools for Measurement
				#VALUE!				#VALUE!			Construction log
				#VALUE!				#VALUE!			
				#VALUE!				#VALUE!			B. Where Data Maintained
				#VALUE!				#VALUE!			Centralized database
				#VALUE!				#VALUE!			
				#VALUE!				#VALUE!			C. Source of Data
				#VALUE!				#VALUE!			Inspection results
				#VALUE!				#VALUE!			
				#VALUE!				#VALUE!			D. Frequency of Collection

660.

Manifest for Grant Application # GRANT10725749

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 21837 bytes)

Forms Included in Zip File(total 5):

1. Form SF424\_2\_1-V2.1.pdf (size 39030 bytes)
2. Form Attachments-V1.1.pdf (size 30558 bytes)
3. Form FaithBased\_SurveyOnEEO-V1.2.pdf (size 32802 bytes)
4. Form HUD\_FaxTransmittal-V1.1.pdf (size 28272 bytes)
5. Form HUD\_DisclosureUpdateReport-V1.1.pdf (size 36489 bytes)

Attachments Included in Zip File (total 15):

1. Attachments Attachments-ATT6-1239-05-CWTRatingFactor2.pdf application/pdf (size 153125 bytes)
2. Attachments Attachments-ATT9-1242-08-CWTRatingFactor5.pdf application/pdf (size 57087 bytes)

3. Attachments Attachments-ATT1-1234-01-CWTAbstractThresholdsContents.pdf application/pdf (size 58497 bytes)
  
4. Attachments Attachments-ATT15-1248-14-CWTWaterDeptBudget.pdf application/pdf (size 89090 bytes)
  
5. Attachments Attachments-ATT12-1245-11-CTWProjectResolution.pdf application/pdf (size 270171 bytes)
  
6. Attachments Attachments-ATT4-1237-03-CWT4123.pdf application/pdf (size 97610 bytes)
  
7. Attachments Attachments-ATT13-1246-12-CTW-IHS-SDS.pdf application/pdf (size 313910 bytes)
  
8. Attachments Attachments-ATT14-1247-13-IncomeSurvey.pdf application/pdf (size 163375 bytes)
  
9. Attachments Attachments-ATT5-1238-04-CWTRatingFactor1.pdf application/pdf (size 95160 bytes)
  
10. Attachments Attachments-ATT8-1241-07-CWTRatingFactor4.pdf application/pdf (size 49583 bytes)
  
11. Attachments Attachments-ATT10-1243-09-Water Tank Detailed Schedule.pdf application/pdf (size 39571 bytes)
  
12. Attachments Attachments-ATT3-1236-02b-CWT4125 PAGE 2.pdf application/pdf (size 130274 bytes)
  
13. Attachments Attachments-ATT11-1244-10-CWT HUD 96010 ICDBG V11.5.xls application/excel (size 2912768 bytes)
  
14. Attachments Attachments-ATT2-1235-02a-CWT4125 PAGE 1.pdf application/pdf (size 137375 bytes)

15. Attachments Attachments-ATT7-1240-06-CWTRatingFactor3.pdf application/pdf (size 150711 bytes)