ApplicationNum	135	**Specify from cho**	
Application for (		**Specify from (k)**	
Principle Applic	Compton, city of	**Does Proposal in**	☐
Project Title	Main Replacement		
First Name-Aut	Michael C.		
Last Name (AA)	Harvey		
Title			
Street Address	205 South Willowbrook Avenue		
PO Box			
City	Compton		
State	CA		
Zip Code			
Telephone Num	(31) 060-55		
Fax Number (Inc			
E-mail Address	mharvey@comptoncity.org		
First Name-Con	Linda		
Last Name-CP	Timmons-Iverson		
Contact-Title	Special Assistant to City Manager		
Contact-Street	205 South Willowbrook Avenue		
Contact-PO Box			
Contact-City	Compton		
Contact-State	CA		
Contact-Zip Cod			
Contact-Phone	(310) 605-55		
Contact-Fax Nu			
Contact-E-Mail			
Funds Requeste	$1,870,376.00		
Applicant Funds			
Total Project Co	$1,870,376.00		
Estimated Total			
Percentage of Be			
Percentage of Be			
Estimated Annu	80		
Estimated Total	160		

Over _____ Nu	5
Estimated Benef	Water savings/Conservation
Duration of Proj	07/02-12/02
State Assembly	52
State Assembly	
State Assembly	
State Assembly	
State Assembly	
State Assembly	
State Assembly	
State Assembly	
State Assembly	
State Assembly	
State Assembly	
State Senate Di	25
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Congressional D	37
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State-Wide	☐
County-location	Los Angeles

Most recent Urb	12/1/2000
Type Applicant-	a) City
DWR WUE Proje	
Project Focus	b) Urban
Project Type	a) Implementation of Ur
Quantifiable Ob	0

Consolidated Water Use Efficiency 2002 PSP
Proposal Part One
Signature Page

By signing below, the official declares the following:

- ?? The truthfulness of all representations in the proposal:
- ?? The individual signing the form is authorized to submit the proposal on behalf of the applicant; and
- ?? The individual signing the form read and understood the conflict of interest and confidentiality section and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant.

MICHAEL HARVEY	**ACTING GENERAL MANAGER**
Name	Title
_____	_____
Signature	Date

PROPOSAL PART TWO

PROJECT SUMMARY

The City of Compton began as an agricultural town in 1888, when it was incorporated as a charter city

From the beginning as an agricultural town, it
The City's Municipal Water Department extracts groundwater from City-owned wells, receives purchased water from southern California turnouts of the Metropolitan Water District (MWD) and is also an original member of the MWD agency. The annual water demand is greater than the City's adjudicated pumping rights. Approximately 40% of the annual demand are provided by MWD.

A. SCOPE OF WORK (RELEVANCE AND IMPORTANCE)

Public safety and the ability to meet fire flow demands are the City's first priority. The present piping inhibits the high volume flow necessary to fight a fire. Therefore main replacements in the area bounded by Alondra Boulevard, Greenleaf Boulevard, Alameda Street and Long Beach Boulevard is necessary. Most of the piping in that area has 4-inch or 6-inch piping and in some cases, smaller cast iron, steel, or asbestos cement pipe. In one portion of the area, there is approximately 3,380 feet of no piping at all.

Current standards require at least an 8" ductile iron for main replacement in most applications. This is due primarily to meeting fire flow demands of 1250 gpm minimum. There is a great need for this project in that the surrounding area can be considered at jeopardy because of the low-pressure flow of water in the area. The area surrounded by Long Beach Boulevard consists of residential homes, commercial and some industrial businesses. By replacing the water mains with at least a 12" ductile iron piping, this would significantly enhance the delivery of adequate safe water for drinking and pressure for fire flow protection of the local businesses and homes enhanced.

TABLE OF CONTENTS

RESOLUTION AUTHORIZING:

COMPTON MUNICIPAL WATER DEPARTMENT TO PARTICIPATE IN A CONSOLIDATED WATER EFFICIENCY GRANT PROPOSAL SOLICITATION

PROJECT SUMMARY

BACKGROUND

The city of Compton is one of the oldest cities in Los Angeles County, encompassing approximately 10.2 square miles of which 3,700 acres is served by our Municipal Water Department. The Standard Metropolitan Statistical Area Sources account for a population of over 96,500, ranking it among the top 25 largest cities in California. The Urban Water Management Plan estimates the population of Compton will rise to over 125,000 by the year 2005. There are approximately 14,500 service connections in the City system or 70% of the City of Compton.

The purpose of this project is a proposal to replace the main pipelines in the area located on Long Beach Boulevard between Rosecrans Avenue and Greenleaf Boulevard through and including Greenleaf Boulevard. The approximate length of this project is 11,390 feet. By replacing the main, it is projected that a 5% water loss reduction will be realized.

The main pipelines in this area are in excess of 50 years old and predominately undersized cast iron mains. The main was installed in 1925 and consists of 4" and 6" cast iron pipeline with 3,380 feet of absolutely no pipe at all. The City has experienced several main breaks and the present pipeline system has poor capability for meeting estimated fire flow requirements under maximum conditions.

Corrosion, leakage, low pressure, poor quality and line breaks are examples of major problems in the area. These problems have resulted in considerable irrecoverable water loss, staff downtime and health concerns due to stagnant water from the leaks and main breaks.

INTENDED OUTCOME

The City of Compton is anticipating improving the mains in the area located along Long Beach Boulevard in consideration of the health and safety of businesses and citizens in the area. There is a great need for this project in that the surrounding area can be considered at jeopardy because of the low-pressure flow of water in the area.

By replacing the water mains with at least 12" ductile iron piping, the delivery of adequate safe water for drinking and adequate pressure for fire flow protection of the local businesses and homes would be greatly enhanced.

The criteria used to establish the priority of improvement is based on the following:

- ?? The ability to meet fire flow demands and public safety is the City's first priorities and Los Angeles County mandates fire flow requirements.
- ?? Replacement of aging and undersized piping to prevent water leaks or high maintenance areas due to main breaks.
- ?? Current standards require at least an 8" ductile iron for main replacement in most applications. This is due primarily to meeting fire flow demands of 1250 gallons per minute (gpm) minimum.

The project area consists of commercial businesses, which are mainly retail and are located along a main corridor of the city of Compton. The largest of these is a swap mall, which consists of over 100 booths inside a renovated department store. Some of the most prominent land uses include a McDonalds Restaurant, Top Value Market, a bank and the Southern California Gas Company.

Long Beach Boulevard is classified as a major highway under the City's circulation element of its General Plan. It consists of a 4-lane roadway with a traffic volume of approximately 22,00 vehicles per day.

The estimated cost to complete the project is $1,870,376.00. The entire project will take approximately six (6) months to complete.

ACTION PLAN

Strong leadership, communication and collaboration will be necessary to implement the project in the time plan anticipated. The staff work group created for this project has the expertise to ensure that the project stays on target. Staff will serve as the catalyst for monitoring the project to ensure all aspects of compliance and work ethics are within the applicable guidelines and regulations and that the project is completed within the projected timeframe.

PROJECT ACTIVITY PLAN

May June Jul Aug Sept Oct Nov Dec

**Planning and Reviews

*****Request for Bid Proposals/RFP

********Bid Reviews/Selections

**********Surveying, Design, Sawcutting

**********Pre-construction details

**********Removals, trench excavation

**********Prepare bedding & grading

**********Laying of 12" ductile iron water main and gate valves

**********Connection to existing facilities

**********Installing fire hydrants

**********Connecting service laterals

**********Backfilling of trench

**********Testing, disinfecting and flushing

**********Repaving and Finishing

A. SCOPE OF WORK: RELEVANCE AND IMPORTANCE

The relevance and importance of this project is the considerable elimination of irrecoverable water losses and attainment of water quality benefits. The population growth in this area is rapid and places a regressive strain on existing facilities to meet flow and pressure requirements.

Although population growth will continue to place increasing demands on the existing infrastructure and water supply, customers and businesses alike will profit from larger pipes and consistency in the water flow. Another important factor is the health and safety aspects of the environmental benefits and the assurance of having adequate water pressure for fire flow in the targeted area.

The California Urban Water Conservation Council and signatory organization are constantly demanding that the Best Management Practices (BMPs) for water conservation be implemented. Cost-effectiveness and water conservation is a fundamental criterion when looking to restore water benefits for citizens and local business owners.

The project will be located within an urban thoroughfare, which provides access and frontage to urbanized parcels of land upon which it abuts. All parcels along Long Beach Boulevard are zoned for commercial uses and are designated as limited commercial (C-L). Land use adjacent to the project site, although predominantly commercial, is quite varied:

- Between Alondra Boulevard and Compton Boulevard, there are storefront businesses, such as a bank, personal storage facility, several auto repair businesses, vacant developable parcels and a small townhouse development containing 10 occupied townhomes.

- Between Compton Boulevard and Rosecrans Avenue, there are several gas stations, auto repair businesses, used auto sale lots, some storefront businesses, some offices and facilities of the Southern California Gas Company.

- Between Greenleaf Boulevard and Alondra Boulevard the land use consist mainly of storefront businesses. There is also a church, motel, McDonalds restaurant, car wash, several auto repair businesses and a neighborhood shopping center.

RELEVANCE AND IMPORTANCE (CONTINUED)

Adjacent areas and areas affected by the primary project beneficiaries include an urbanized hinterland spreading out for approximately 8 blocks east and west of Long Beach Boulevard, covering an area containing approximately two square miles of urban geography.

Approximately 7- percent of this area is developed as low-density residential, 20 percent is medium-density residential, and 10 percent is developed with commercial uses. There are approximately 5,000 dwelling units within the area affected by the primary project.

B. SCOPE OF WORK: TECHNICAL/SCIENTIFIC MERIT, FEASIBILITY, MONITORING AND ASSESSMENT

The project consists of replacing 4" – 6" mains that were installed in 1925. The mains are corroded, leaking, have low pressure and do not meet the minimum Los Angeles County fire standards.

? ? **Rosecrans Avenue to Elm Street**:
Replace the existing 6" cast iron main with a 12" ductile iron main and corresponding laterals. The total length of this section is 1,400 feet.

? ? **Elm Street to Palmer Street:**
Installation of 440 feet of 12" ductile iron pipe.

? ? **Palmer Street to Compton Boulevard:**
Installation of 870 feet of 12" ductile iron and laterals.

? ? **Compton Boulevard, to Alondra Boulevard**
Replacement of the existing 6" cast iron main with proposed 2,710 feet of 12 " ductile iron main and corresponding laterals.

? ? **Alondra Boulevard to Bennett Street**
Installation of 2,070 feet of 12" ductile iron pipe and corresponding service laterals.

? ? **Bennett to Greenleaf**:
Replacement of 4" cast iron main with 650 feet of ductile iron pipe and connection of corresponding laterals

Main replacement on Greenleaf Boulevard

? ? **Long Beach Boulevard to California Street:**
Replacement of 1,900 feet of 4" cast iron pipe with new 12" ductile iron pipe

? ? **California Street to Santa Fe Avenue:**
Replacement of l,350 feet of existing 8" transite main with 12" ductile iron pipe and corresponding laterals.

PROJECT MONITORING

The project will be monitored and coordinated by staff members assigned to the implementation of this project. The Senior Civil Engineer will be responsible for the day-to-day monitoring and operation of the project. The Senior Civil Engineer will ensure that the appropriate permits and sign-offs are obtained.

C. QUALIFICATIONS OF THE APPLICANTS AND COOPERATORS

The individuals assigned to work on this project consist of city employees that have worked on similar projects and who are dedicated to implementing and developing projects of this nature, which will reduce the incidence of hazards in our community.

The individuals working on this project have over 25 years of combined experience. Each of the individuals working on this project have had direct experience managing and coordinating projects of this nature in the past and in working on a similar project targeted on Rosecrans Boulevard only within the last two years.

STAFFING

The Director of the project, Michael Harvey is also the General Manager of the Compton Municipal Water Department and has over seventeen years of management and supervision experience with extensive experience in project direction and water issues.

The project coordinator will be Linda Timmons-Iverson who is the City Manager's Special Assistant has managed and coordinated many complex projects for the City Manager. Mrs. Timmons-Iverson's responsibilities will be to coordinate the development and piloting of the project while advising the Director of the project.

Kambiz Shoghi currently serves as the City of Compton's Senior Civil Engineer and will be the external manager, evaluator and coordinator of the day-to-day operation of the project. Mr. Shoghi has an extensive background in management of construction projects, engineering and hydraulic design of water utility facilities.

These staff members have observed and managed first-hand the types of projects that are goal oriented to implementation of projects that work for the betterment of our citizens.

Staff resumes to follow.

2. COST-SHARING

The Consolidated Water Use Efficiency 2002 Proposal is the only source from which the City of Compton is seeking funding for the activities of this project.

3. BENEFIT SUMMARY AND BREAKDOWN

The benefits of replacing the mains within the projected area are recognized through the activities initiated throughout this project. The main replacement will contribute significantly to the success of ensuring our communities are not penalized by higher water costs because of leakage and irrecoverable water loss. Businesses will benefit by being adequately protected for fire safety and our citizens afforded with the adequate water flow and components necessary for proper health, safety and welfare.

- PROJECT OUTCOME

Although there are no physical changes that will occur as a result of this project, the benefits are substantial.

The city of Compton has a vital stake in the business environment of our community. The City must cooperate by playing a vital role in the stagnant economic environment's attempt to progress. Examples of such cooperation include providing main replacements and service improvements needed to revitalize business areas and assure adequate resources for businesses and home owners which are commensurate with the plans for development within the influence of the community.

4. ASSESSMENT OF COSTS AND BENEFITS

The projects cost for this project has been estimated at $1,853,520.00. The project costs and benefits are within the realms of necessity to ensure the project can be completed effective and designed to determine the progress towards achieving the project goals and the success in achieving measurable outcomes for each goal. Project staff will be responsible for formative evaluations and the external evaluator will conduct the summative evaluations.

Formative evaluation will involve assessing the major components of the action plan to determine the project's success in implementing the planned activities. In order to do this the Project Director and Project Manger will meet every other week with the Civil Engineer to review the progress for each component of the project. Plans will be compared with each phrase of the actual activities completed and monitoring of the development will be reviewed.

A summative evaluation will involve reviewing and analyzing performance data, collected at the end of each week meeting. This data will be utilized to assess the overall effectiveness of the project activities, cost and benefits to assure the project is in compliance with achieving the stated goals and outcomes.

APPROPRIATENESS FOR FUNDING

The Consolidated Water Use Efficienty 2002 Proposal is the only source from which the City of Compton is seeking funding for the activities of this project.

E. OUTREACH, COMMUNITY INVOLVEMENT AND ACCEPTANCE

The City of Compton has several ways of ensuring that community involvement takes place by ensuring an outreach mechanism is in place to guarantee that a relationship exists with the community in several dimensions:

- ?? Town Hall Meetings
- ?? Public workshops (2)
- ?? City Council Meetings
- ?? Community Outreach Plan
- ?? Citizen Participation Plan
- ?? Local Board and Commission Meetings
- ?? MWD Board Review
- ?? Community Follow-up Meetings

In order to have further mutual interest between the City and the community, the City will have open channels of communication with its leaders. These channels of communication are developed through ongoing relationships with the community, local business owners and City leaders by determining the areas of shared interests and cooperating to fulfill the mutual objectives.

RESUME OF
LINDA TIMMONS-IVERSON

15718 Gundry Avenue,
Paramount, California 90723

BRIEF SUMMARY

Twenty-five years of progressively taking charge and responsibility for organizing, and supervising department activities in administration and duties involving coordination of administrative duties of a more complex nature. Responsible for conducting studies, evaluations and analyses and assessments of potential or proposed development projects. Responsible for meeting with a variety of individuals and developers to explain projects policies and procedures.

EXPERIENCE

October 2000 to Present – POSITION: Special Assistant to the City Manager
City of Compton – City Manager's Office
205 South Willowbrook Avenue, Compton

> As special Assistant to the City Manager responsibilities included assisting and advising the City Manager and relieving of administrative detail, consulting with department managers and solving administrative problems in developing new procedures, coordinating activities with attorneys and legal staff, directing the work of consultants and contractors, providing technical direction and assistance to project participants and attending a wide variety of meetings and making presentations as necessary.

May 1988 to October, 2001 – POSITION: Development Services Coordinator
City of Compton – City Manager's Office
205 South Willowbrook Avenue, Compton

> Responsibilities included coordinating and making reports on office decisions, performing administrative duties of a high degree of responsibility and meeting with officials of other cities, agencies and civic groups in development and coordination of City affairs. Responsibilities included working with the Housing Board of Directors and the staff at all levels in developing plans to accomplish goals and objectives for the Department of Building.

October 1974 to June 1988 – POSITION: Office Manager
City of Compton – Department of Building and Safety
205 South Willowbrook Avenue, Compton

Responsibilities included planning, organizing, coordinating and administering the work and routing for building inspectors and clerical staff. Reviewed and interpreted laws, regulations and policies and procedures according to the Building, electrical and plumbing codes. Coordinated and acted as Chief Staff to the Housing Advisory and Appeals Board.

EDUCATION

1998 - Master of Science – Business Administration
University of Phoenix, Torrance California

1975 - Bachelor of Science – Sociology
University of California, Los Angeles

1967 - Graduate – Palisades High School
Pacific Palisades, California

PROFESSIONAL AND CIVIC MEMBERSHIPS

- Member of Avalon Church of Christ, Los Angeles
- Member of the National Council of Negro Women
- Certified National Notary – 15 years
- Executive member of the Eastern Star
- (Masonic Lodge)

Recognized in Who's Who of Los Angeles Women -1995

February 26, 2002

California Department of Water Resources
Office Of Water Use Efficiency
1416 Ninth Street, Room 338
Sacramento, California 95814

TO WHOM IT MAY CONCERN:

As the City Manager of the City of Compton, this is a letter of support. I fully support the grant project proposal, which would provide funding for replacement of the mains on Long Beach Boulevard from Rosecrans Avenue to Greenleaf Boulevard.

Our citizens and businesses in the project area are undeserved when it comes to water pressure and adequate fire flow water pressure. The City of Compton is cognizant of the Best Management Practices for standard water conservation policies and recognize the considerable irrecoverable water loss due to leaks and main breaks.

It is my hope that the national reviewers will see this proposal as an opportunity to replace the mains in the project area with 12" ductile piping for the beneficial effect on the health and welfare of our citizens.

Sincerely,

JOHN D. JOHNSON, AICP
CITY MNAGER

February 25, 2002

California Department of Water Resources
Office Of Water Use Efficiency
1416 Ninth Street, Room 338
Sacramento, California 95814

TO WHOM IT MAY CONCERN:

As the Acting General Manager of the Compton Municipal Water Department and the Project Director for this grant project proposal, I strongly support the project proposal, which would allow replacement of the main along Long Beach Boulevard from Rosecrans Avenue to Greenleaf Boulevard.

The City of Compton has been unable to replace the main because of a lack of funds. Corrosion, leakage, low pressure, poor quality and line breaks are examples of major problems in the area along with irrecoverable water loss. The grant funding will provide the required funds necessary to implement the project.

This letter of support is also to assure you that each staff member primarily responsible for implementation of this grant has individual expertise in project planning and implementation and are very capable of carrying out their assigned duties and responsibilities in accordance to the stated plan. They have been very successful in their endeavors in the past and are willing to work together to make this program a success.

We are requesting that you look with favor upon this grant application.

Sincerely,

Michel Harvey
Acting General Manager

February 25, 2002

California Department of Water Resources
Office Of Water Use Efficiency
1416 Ninth Street, Room 338
Sacramento, California 95814

TO WHOM IT MAY CONCERN:

As the Civil Engineer and Project Evaluator, I fully support the grant project proposal, which would allow replacement of the mains on Long Beach Boulevard.

The quotes and justifications for equipment have been reviewed and are necessary for the performance of the project.

Your cooperation in review and approval of this grant would allow the City of Compton to become more responsible in water conservation and provide a viable service to our citizens.

Sincerely,

KAMBIZ SHOGIE
Civil Engineer

BUDGET SUMMARY WORK SHEET

SALARIES	$ 16,856.00	
SUB-TOTAL		$ 16,856.00
OPERATIONAL COSTS	$ 264,395.00	
SUB-TOTAL		$ 281,251.00
CAPITAL OUTLAY	$ 1,525,000.00	
TOTAL CONSTRUCTION COSTS		**$ 1,806,251.00**

D. BUDGET AND COST

EQUIPMENT	# NEEDED	EQUIPMENT RENTAL RATES (COST PER DAY)	TOTAL COST
BACKHOE	2	$220 per day X 114 days x 2	$ 50,160.00
DUMP TRUCK	2	$100 per day x 114 days x 2	$ 22,800.00
CRANE	1	$160 per day x 114 days	$ 18,240.00
SAW	2	$100 per day x 114 days x 2	$ 22,800.00
VACUME	2	$100 per day x 114 days x 2	$ 22,800.00
HYDROHAMMER	1	$220 per day X 114 days x 2	$ 25,080.00
PICK-UP TRUCK	4	$40 per day x 114 days x 4	$ 18,240.00
FLAT BED TRUCK	1	$80 per day x 114 days	$ 9,120.00
WATER PUMP	1	For 6 months lease	$ 2,195.00
TRAFFIC BOARD	2	$50 per day x 114 days x 2	$ 11,400.00
TOTAL EXPENSES			**$ 202,835.00**

* Rental prices were obtained from the internet and are comparative pricing.

* The above noted equipment has been reviewed and justification granted by the Civil Engineer as a necessary component in the performance of this project.

BUDGET SUMMARY WORK SHEET

SALARIES		11,856.00	
	SUB-TOTAL		**$ 11,856.00**
OPERATIONAL COSTS		202,835.00	
	SUB-TOTAL		**214,691.00**
CAPITAL OUTLAY		1,262,165.00	
TOTAL PROJECT COST			**$ 1,476,856.00**

BUDGET AND COSTS (CONTINUED)

COSTS

ITEMIZED LIST OF CONSTRUCTION COSTS

Surveying, Design and Inspection	**$60,000.00**	
Pavement Cost	**227,800.000**	
Trenching and Installation	**$307,530.00**	
Pipe Cost	**$330,310.00**	
Service Connections (105)	**$168,525.00**	
Fire Hydrants (40)	**$168,000.00**	
SUB-TOTAL		**$1,262,165.00**
Equipment	**$202,835.00**	
TOTAL CONSTRUCTION COSTS		**1,405,000.00**

ITEMIZED ADMINISTRATIVE COSTS

CREW	**# NEEDED**	
BACKHOE OPERATORS	2	
FLAGMEN	2	
LABORERS	4	
CRANE OPERATORS	1	
TRUCK OPERATOR	1	
FOREMAN	1	
TOTAL ADMINISTRATIVE COSTS		**$11,856.00**