USS Lead Superfund Site, East Chicago Indiana

City's Response to Governor Eric Holcomb's Declaration of Disaster Emergency Executive Order 17-13

City of East Chicago

Anthony Copeland, Mayor

March 3, 2017

Contents

Mayor's Letter to Governor Holcomb 3

City of East Chicago Priorities 4

Water Filters to Protect Residents 4

Independent Water Quality Testing 4

Ongoing Blood Lead Testing 4

Testing Water in Homes 4

Water Infrastructure Improvements 4

Local Coordinating Committee 4

Summary of Estimated Costs of City of East Chicago's Response to USS Lead Superfund 5

Item #1: Lead Service Line Replacement Project Description and Matrix 6

Item #2: Water Filters for Residents 7

Item #3: Home Water Test Kits 8

Item #4 Blood Lead Test Supplies 8

Item #5: Arsenic Screening for Residents of USS Lead Superfund 10

Item #6: Mental Health Services 11

Item #7: City Health Department Nurses 12

Item #8: Lead-Based Paint Abatement 13

Item #9: Independent 3rd Party Water Quality Testing 14

Item #10: Fixture and Faucet Replacement in Buildings which Serve the Public 15

Item #11: School City of East Chicago Water Fixture and Faucet Testing and Replacement 16

Item #12: Reconstruction of Windows, Drain Tile and Sump Pumps in USS Lead Superfund 18

Item #13: Core Team 19

Item #14: Legal Expenses 19

Status of Action Items on Governor Eric Holcomb's Disaster Emergency Declaration Order 17-13 20

Faucet and Fixture Replacement in Public Buildings 22

Summary 23

Mayor's Letter to Governor Holcomb

Anthony Copeland
MAYOR

City of East Chicago
4527 INDIANAPOLIS BLVD.
EAST CHICAGO, INDIANA 46312
219-391-8200 • 219-391-8397 FA

March 3, 2017

The Honorable Eric Holcomb
Governor
State of Indiana
200 W. Washington Street
Rm. 206
Indianapolis, IN 46204

Dear Governor Holcomb:

Thank you for working with me and our residents to address the lead contamination crisis in our community. I appreciate your decision to make a disaster declaration and to offer financial support from our state and federal governments. You were correct when you said during your visit last Fall that, "The residents deserve nothing less than to have access to all the services they need." I agree and that's why we have developed the attached proposal that outlines our requests for support.

Governor, our proposal is based upon being consistent, accountable, and transparent. That's why I directed our team to review all options, develop proposals that will enable us to resolve the myriad of issues that impact our community and most importantly, to ensure that 100% of the funding provided will be used in a tangible way. Like you, I take the responsibility of using taxpayer dollars seriously. That's why we have been frugal and effective in the use of initial funding from state government. And, that is why we will be the same with future local, state and federal funding.

As your team reviews the attached requests for support, please note that we have several priorities that if funded, will make a difference in East Chicago. Our top priority is always the health and safety of our residents. First, we will make a priority of installing water filters in the homes of residents. Second, we ask for the support of IDEM for independent testing throughout our community. Third, we seek funding for the expansion of blood lead testing for residents in our community. Fourth, we will test for lead contamination at the water supply to homes. Fifth, we will expand our infrastructure improvements to include replacing lead pipes in the Superfund site area and during major reconstruction projects. Finally, we will establish a local Coordinating Committee composed of our staff, representatives of the State Department of Health, FSSA, IDEM and EPA to help implement and monitor the success of our program.

Governor, I want you to know that while we did not cause the problems in Calumet, we are committed to working with you and others to resolve them. I realize that this will require collaboration and bipartisan support from all parties. We are ready to join with you as an effective and willing partner to make the changes needed to continue our efforts to make the City of East Chicago "a City of Hope and Progress". I look forward to your responses to our request.

Thank you, Governor.

Mayor Anthony Copeland

City of East Chicago Priorities

Water Filters to Protect Residents

When the EPA Water Quality Division announced the results of its Water Quality Pilot Study in early December 2016, it recommended that all residents of the City of East Chicago use water filters for tap water. The EPA recommended that later filters rated for removal of lead (NSF 53) be used for all drinking water as well as for cooking and brushing teeth. This public announcement created alarm about water quality and safety across our City, not just among residents of the USS Lead Superfund. While the EPA maintains that the City of East Chicago continues to meet applicable federal regulations, including Lead and Copper Rule standards for water quality, the EPA's Water Quality scientists have continued to foment doubt about water quality in the City of East Chicago. For this reason, the City is requesting assistance to provide water filters for residents to reassure the public regarding water quality and safety.

Independent Water Quality Testing

Because of the concern about differences in results between the Lead and Copper Rule testing and the sequential testing performed during the EPA's Water Quality Pilot Study, residents have expressed doubts about the City's water testing. For this reason, the City is requesting IDEM's assistance with independent water quality testing.

Ongoing Blood Lead Testing

Over 2000 residents received free blood lead testing in the last seven months of 2016 as a result of the vigorous efforts of the East Chicago Health Department and the Indiana State Department of Health. The City is seeking to secure resources to continue to provide such services in the future, and to expand blood lead testing efforts for all residents in our community.

Testing Water in Homes

The City would like to provide residents with the ability to perform water quality testing in their homes, and receive test results from an independent lab.

Water Infrastructure Improvements

Because the presence of lead service lines in a large percentage of homes built before 1986, the City has proposed that we coordinate our efforts to replace lead service lines with the EPA's cleanup of properties in the USS Lead Superfund. The City is requesting resources to ensure that legacy lead and galvanized pipes are removed from our water distribution system in the USS Lead Superfund site area. Additionally, all underground utilities in the Superfund site are buried in lead and arsenic contaminated soil. This includes water mains, sewer mains, and storm mains. The City is also requesting to replace this infrastructure now to eliminate the legacy of soil remediation and its associated health hazards during all future utility maintenance activities in the area.

Local Coordinating Committee

The City's local Coordinating Committee will include key City staff, representatives of the State Departments of Health, IDEM, FSSA, United States Environmental Protection Agency, other agencies and

stakeholders in order to ensure the successful completion of each element of the City, State and Federal government response to the USS Lead Superfund.

Summary of Estimated Costs of City of East Chicago's Response to USS Lead Superfund

Projected costs of the City's response to the USS Lead Superfund are summarized as follows:

ITEM	PROGRAMS	COST ESTIMATES	Description
1	**REPLACE LEAD LINES AND UNDERGROUND UTILITES**	$ 40,182,950.00	ESTIMATE BY UTILITY DIRECTOR REPLACE LEAD SERVICE LINES AND INFRASTRUCTURE (WATER MAINS, SEWER MAINS AND STORM MAINS), AND Sequential Water testing in USS LEAD SUPERFUND OU1
2	**WATER FILTERS AND CARTRIDGES**	$ 473,000.00	$43.00 PER UNIT EST 11,000 UNITS
3	**HOME WATER TEST KITS**	$ 22,806.00	$1.00 PER UNIT EST KIT, 1086 $20 LAB ANALYSIS
4	**BLOOD LEAD TESTING SUPPLIES**	$ 14,000.00	ESTIMATE EAST CHICAGO HEALTH DEPT
5	**ARSENIC SCREENING**	$ 382,500.00	$153.00 PER TEST EST 2500
6	**HEALTH DEPARTMENT NURSES**	$ 300,000.00	$100,000 PER YEAR
7	**MENTAL HEALTH SERVICES**	$ 358,000.00	EST REGIONAL MENTAL HEALTH SERVICES
8	**LEAD PAINT ABATEMENT**	$ 2,500,000.00	EST INTERIOR $5,000.00 EXTERIOR $5,000
9	**INDEPENDENT 3RD PARTY TESTING of DRINKING WATER**	$ 33,000.00	EST $65.00 PER TEST 500 KITS
10	**FIXTURES / FAUCETS**	$ 369,240.00	$340 PER HOME AVG X 1086 HOMES
11	**SCHOOL CITY FIXTURES/ FAUCETS**	$ 1,200,000.00	ESTIMATE SUPERINTENDENT of SCHOOL CITY
12	**RECONSTRUCTION WINDOWS, DRAIN TILE , SUMP PUMPS**	$ 11,100,000.00	EST $10,400.00 AVG PER HOME X 1086
13	**CORE TEAM**	$ 88,000.00	PART TIME 1456 HRS X 4 X $15.00 = 1 YEAR
14	**LEGAL**	$ 2,700,000.00	PROJECTED LEGAL EXPENSE INCLUDING DEFENSE OF LITIGATION
15	**COST OF FAUCET AND FIXTURE REPLACEMENT IN PUBLIC BUILDINGS**	$ 5,000,000.00	INCLUDES PARK AND RECREATION CENTERS, FIRE STATIONS, POLICE DEPARTMENT, PUBLIC WORKS, City HALL and other Public Buildings
	TOTAL	**$56,790,896.00**	

Item #1: Lead Service Line Replacement Project Description and Matrix

Table 1: Lead Service Line Project Matrix

U.S. EPA - WATER INFRASTRUCTURE MATRIX RESPONSE

Description of project	Type of Project (DW or WW)	State	EPA Region	Short description of the public benefits of the project	Approximate cost of the project	Time frame for project funding	Time frame for project completion	Stakeholders that have publicly supported the project	Project funding source (DWSRF, CWSRF or WIFIA)
Project #1: Underground Utilities Replacement in US EPA USS Lead Superfund Site (See attached document)	DW, WW	IN	5	Replacement of underground utilities in lead and arsenic contaminated soil to prevent long-term remediation during maintenance activities (See attached document)	$30,500,000	Spring 2017	2019	TBD	DWSRF CWSRF
Project #2: Lead Service Line Replacement and Water Testing – US EPA USS Lead Superfund Site (See attached document)	DW	IN	5	Reduction of lead exposure from drinking water (See attached document)	$9,682,950	Spring 2017	2019	Gov. Eric Holcomb, Lt. Gov. Suzanne Crouch, Rep. Pete Visclosky, Sen. Todd Young, Sen. Joe Donnelly (See attached for full listing)	DWSRF
Project #3: Lead Service Line Replacement and Water Testing – City-Wide (See attached document)	DW	IN	5	Reduction of lead exposure from drinking water (See attached document)	$30,251,100	Spring 2017	2020	Martiza Lopez (East Chicago/Calumet Coalition Steering Committee), Rev. Cheryl Rivera (Interfaith Federation) (See attached for full listing)	DWSRF

City of East Chicago, Indiana February 28, 2017

Note: Table 1 includes costs of lead service line replacement in the USS Lead Superfund Zone OU1 as well as across the remaining residential areas in the City of East Chicago.

Project #1

The City of East Chicago is an urban, industrial community located in Lake County, Indiana based in the Northwestern corner of the state. Project #1 involves replacement of underground utilities in the USS Lead Superfund Site. The underground utilities include water mains, sanitary sewer mains, and storm water mains. These assets are buried in lead and arsenic contaminated soil that is not included in the U.S. EPA remediation efforts. Currently, every time a water main break or sewer collapse occurs within the Superfund Zones, soil is tested and contaminated soil is disposed and replaced with clean fill during utility repairs. Included in the scope of this project is the resurfacing of streets and sidewalks.

The underground utility replacement project will prevent the City from having to sample and dispose of the contaminated soil every time maintenance is required on the utility mains and paved surfaces. This will be a tremendous public benefit in terms of cost savings, protecting the public health, as well as protecting the health of City workers who perform utility repair and maintenance.

Over time, if every linear foot of piping and square foot of paved roadway and sidewalk had to be excavated, the cost of excavation would be in excess of $31 million, not including utility repair expense. By replacing this infrastructure today, at a similar estimated cost, the City will not have the financial burden of testing and remediation during future maintenance and will be able to use operating funds towards other capital improvements to benefit residents. Replacement of the underground utilities will also mitigate any future health-related impact to residents, especially vulnerable populations from lead and arsenic exposure during excavation activities.

Projects #2 and #3:

Projects #2 and #3 involve replacement of lead service lines. As many as 90% of homes in the City are estimated to have lead service lines installed. The scope of this project includes replacing all service lines in the Superfund site (1,086 properties) and an estimated 90% of the homes in the remaining residential properties throughout the City (4,221 properties). Included in this scope of work is sequential sampling of lead at all residential homes in the City (a total of 5,776 properties).

The City currently feeds phosphate (Orthophosphate) to prevent lead leaching in lead service lines, but ultimately the only wat to eliminate lead is to remove the lead service lines. Residents will receive cleaner, safer drinking water at the tap following the lead service line replacements, which is especially important for children and other vulnerable residents.

Item #2: Water Filters for Residents

Estimated cost of water filters for 1086 Homes in USS Lead Superfund Site:

Cost Estimate from PUR®

PUR® White Vertical Faucet Mount (FM2222BV2 or equivalent) @ $14.68/unit

PUR® Faucet Mount Basic Replacement Filter 2 pack (RF33752v1 or equivalent) @$13.64 / unit

Cost Per Home: **$43** per home

Number of Homes in Superfund to receive filters: **1086**

Total Estimated Cost for Filters (not including installation) **= $46,698**

Costs of Water Filter's City-Wide:

Cost of Filter kit: **$43**

Number of Residences: 11,000

Total Estimated Cost for Filters City-Wide: $473,000.^{00}

Item #3: Home Water Test Kits

Estimated Cost for Home Water Test Kits:

Cost Estimate for Kit: $1 per kit

Cost Estimate for Lab Analysis of Kit: $20 per kit

Cost per home: $21

Number of Homes in Superfund to receive filters: **1086**

Total Estimated Costs for Home Water Testing: $22,806.00

Item #4 Blood Lead Test Supplies

The East Chicago Health Department, with the help and leadership of the Indiana State Department of Health has done extensive blood lead testing of residents of the USS Lead Superfund Zone. Blood Lead Testing is offered to all residents for free, Monday through Friday at the East Chicago Health Department during business hours, and the ISDH has hosted over thirty blood lead testing clinics, and eleven other events featuring free blood lead testing. Despite these efforts, not all residents have been tested.

City of East Chicago Health Department

[Purchase Request Form]

Date: 02/28/17

Requsted by: Nursing

Vendor Name: lead supplies

Approved by:

PO#

Qty	EA/BOX/PKG DZ/CASE	Unit Price	Catalog #	Page	Description	Item Total
NSG SUPPLIES						
2	cases	$ 83.64			sani wipes	$ 167.28
2	cases	$ 21.50			towels	$ 43.00
8	boxes	$ 93.50			lancets	$ 748.00
2	cases	$ 21.60			adhesive bandages	$ 43.20
2	cases	$ 152.88			4x4 gaize	$ 305.76
25	boxes	$ 20.49			blood collection needles	$ 512.25
2	cases	$ 47.04			hubs	$ 94.08
8	cases	$ 294.08			blood collection needles	$ 2,352.64
2	case	$ 34.60			alcohol preps	$ 69.20
18	cases	$ 106.20			med gloves	$ 1,911.60
7	bags	$ 27.71			tourniquets	$ 193.97
18	boxes	$ 26.17			vacutainers	$ 471.06
2	cases	$ 150.72			sharps containers	$ 301.44
40	cases	$ 117.50			Packaging	$ 4,700.00
1		$ 2,000.00			shipping	$ 2,000.00
						$ -
IMMUNIZATIONS						
						$ -
						$ -
						$ -
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ANIMAL CONTROL						
						$ -
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Medication						
						$ -
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						$ -
Adult Vaccines						
						$ -
						$ -
						$ -
						$ -
NSG Testing Supplies						
						$ -
						$ -
						$ -
						$ -
						$ -
INSPECTIONS						
						$ -
						$ -
						$ -
						$ -
						$ -
Personal Hygene						
						$ -
						$ -
Preventatives						
						$ -
						$ -
					Total:	$ 13,913.48

The estimated cost for supplies to continue offering such testing is $13,913.48, as detailed above.

Item #5: Arsenic Screening for Residents of USS Lead Superfund

Residents of the USS Lead Superfund Site have requested that they not only be screened for Blood Lead Levels, but also be screened for arsenic. The ATSDR / CDC states that testing involving the CDC Laboratory would involve arsenic speculation of both inorganic and organic arsenic, at $138 per test, and a creatinine test at $15 per test to normalize the results, for a total cost of $153 per test.

The ATSDR has estimated the cost of arsenic screening as follows.

Arsenic Urine Screening Test: $153.00 per test

Estimated number of tests for Superfund Residents: 2500

Estimate for Arsenic Screening Tests: **$382,500.00**

Item #6: Mental Health Services

REGIONAL MENTAL HEALTH CENTER
Helping. Healing. Building a Strong Community.

ITEM

February 28, 2017

Mr. Cruz,

To assist the remediation effort for the East Chicago lead and arsenic issue, Regional Mental Health Center would provide two therapists for the school system, to be assigned as the City deems appropriate between and among schools. For those that don't have school aged children, Regional has outpatient offices where residents may attend individual therapy.

These licensed therapists would be available to assist affected citizens, children and their families deal with the ongoing ramifications of this event.

The cost for providing two licensed Masters level or above therapists for the school system with fringe benefits would be about $150,000 annually.

The office based licensed therapist time is $160 per hour. Those residents unable to be assisted by therapists in the schools are estimated to be about 50. With therapy every two weeks for a year the annual cost is $208,000.

Thank you for the consideration of the mental health of those citizens going through this experience, and for utilizing Regional Mental Health Center services.

Respectfully,

Robert D. Krumwied
President/CEO

Item #7: City Health Department Nurses

CITY OF EAST CHICAGO

Department of Public and Environmental Health

Health Department
100 W. Chicago Avenue, Suite 100A
East Chicago , IN 46312

Anthony Copeland
Mayor

Gerri C. Browning M.D.
Health Officer

March 01, 2017

Dr. Jerome Adams
State Health Commissioner
Indiana State Dept. of Health
2 North Meridian
Indianapolis, IN 46204

Dear Dr. Adams,

I would truly like to thank you for all your assistance and time devoted to our Health Department during this lead crisis in our city. The funding that was given to the Health Dept. has provided us with the ability to hire two (2) part time nurses that are currently being trained. As you know, we have been understaffed for years and this crisis has made it apparent just how crucial it was for us to be adequately staffed.

As you may know, the City does not have the resources to continue with the nursing position once the funding has been depleted. I am requesting on behalf of the Health Department and the City, that once the funding ends, we may continue to be funded the $100,000.00 for a full time nurse on a yearly basis for the next three (3) years. It is so important that we as the Health Department can function in a public health crisis, such as the unprecedented volume of care delivered during the lead crisis.

The retention of full time nursing personnel would ensure that a qualified staff member has permanent access of patient files, case management, and patient care. Rather than have patient files pooled and dispersed between our current staff, a stable person will be assigned files, know who the case study have been assigned to, and know with absolute certainty that cases have been closed. Retention of full time staff also promotes that internal control monitoring is reducing risk of lost files, overlooked patients, and assigns an identifiable staff member during patient care.

Thank you in advance for your time and consideration in this matter.

Sincerely,

Arnita D. Fowlkes
Manager

510

Item #8: Lead-Based Paint Abatement

Remediation or removal of lead and arsenic in the soil, and lead in lead water service lines help residents of the USS Lead Superfund recover from exposures, but in order for them to recover to the fullest extent possible it is important that all potential sources of lead be removed from their environment. In order to remove other risk of lead exposure, the City believes it is also necessary to abate or remove lead paint in homes in the USS Lead Superfund Zone. The vast majority of homes in the USS Lead Superfund OU1 were built before lead-based paint was banned by the EPA in 1978. The City has an existing program, which it would like to expand to provide for lead paint inspections, and abatement of lead-based paint hazard where needed.

The City, through its Redevelopment Commission, administers an Owner-Occupied Rehab Program. While funds from this program may be used for lead-paint abatement, building code issues have generally been prioritized. For applicants in the USS Lead Superfund, lead paint abatement will be the top priority in order to ensure that health and safety issues are addressed first with grant money under this program.

The Owner-Occupied Rehab program provides funding to assist low income residents across the City to rehab their homes and bring them up to code. The assistance provided by Redevelopment is in the form of grants and/or loans to low income residents who meet income and other requirements. The home to be rehabbed must be owner-occupied. Eligibility for assistance is as follows

- Residents at 30% or less of AMI (Area Median Income) are eligible for up to $15,000 in grants to fund rehabilitation of owner-occupied residences
- Residents at 30-50% of AMI are eligible for up to $10,000 in grant funding
- Residents at 50-80% of AMI are eligible for up to $7,5000 in grant funding

If the amount of the grant is not adequate to cover all repairs, residents may be eligible to supplement the grant with low interest loans under the program.

The City is requesting additional funding in order to expand the Owner-Occupied Rehab Program in order to focus on lead-based paint inspections, abatement and removal.

Item #9: Independent 3rd Party Water Quality Testing

The Following was provided by Prof. Marc Edwards of Virginia Tech University, who spearheaded a sequential water quality testing project in Flint Michigan.

‹ Previous | Next › | « Back to INBOX

Reply | Reply All | Forward... | Print | Delete | Spam | Move to... | More Actions...

From: Marc Edwards <edwardsm@vt.edu> [Add to Address Book]
To: 'Herbie Cruz' <herbiecruz@earthlink.net>
Subject: RE: East Chicago, Indiana Lead Crisis
Date: Feb 28, 2017 1:30 PM

Sure. We specialize in water testing. As a ball park number we charge $65 per home for a bottle test, similar to Flint.
This rate can work through local churches or other communities organizations, to get water tested, via centralized distribution of test kits, and return of kits to the church and shipping boxes back.

If you wanted us more involved with considerations of corrosion control plans, and evaluation of prior sampling, we could add that on for a flat fee of $10,000 extra.

This would all be set up through our school.

Hope this gives you ball park numbers. My phone is 540 320 8740.

Marc

-----Original Message-----
From: Herbie Cruz [mailto:herbiecruz@earthlink.net]
Sent: Tuesday, February 28, 2017 12:27 PM
To: Edwardsm@vt.edu
Subject: East Chicago, Indiana Lead Crisis

Marc,

Due to soil and water lead contamination, Indiana's Governor Holcomb approved the City's request for an emergency declaration.
I serve as Emergency Management Director for the City of East Chicago, Indiana. I recently visited Flint to get ideas of what we should include in our declaration. They highly recommended you to provide 3rd party independent testing. I would like to include the cost of your services in our emergency declaration. Problem 1, are you willing and available to assist? Problem 2, If so, can you provide an estimate of your services by Thursday?

Sorry for the short notice. Any assistance or recommendations you can provide will be greatly appreciated.

Thanks,

Herbie Cruz, EMA
East Chicago, Indiana

(219)677-3777

Item #10: Fixture and Faucet Replacement in Buildings which Serve the Public

OPTION #2

- Remove existing kitchen sink faucet – ***if faucet has to be cut out, additional costs may be applied***
- ***Does not include the changing of any shut-off stops or valves***
- Furnish & install one Delta single-handle chrome kitchen faucet with side sprayer
- Furnish & install new supplies to connect new faucet to existing shut-off stops
- Test new connections for leaks

OPTION #2 – TOTAL COST: **$ 340.00**

NOTES:

Replacement of any wall framing, insulation or wall finishes are customer's responsibility.

If it is found that the concrete is thicker than 4", additional costs will be applied for labor to remove the additional concrete.

We are not responsible for any existing Code infractions that may be enforced by local inspector. Any additional work that may be required to address such Code infractions will be performed at additional costs above that of this Proposal.

If water has to be pumped from basement in order to install drain tile, it will be done at a cost above the price of this Proposal.

We are not responsible for any existing cracks or mold in basement walls.

As piping configuration below-grade is unknown, if there is any piping of waste, gas, electric or water below-grade that interferes with the installation of drain tile or sump pits & requires rerouting, this work will be performed at additional costs for labor & material.

This Proposal does not include any maintenance or service work to any existing piping, fixtures, faucets or drains. Any additional work would be performed for additional costs.

We are only responsible for replacing the concrete that we remove. Any pre-existing issues with the concrete or any additional cracks that may develop due to concrete removal is the responsibility of the homeowner.

This drain tile work is not to prevent water from coming through basement walls, but is used to direct the water to the sump pit instead of out onto the basement floor.

ALL MATERIAL IS GUARANTEED TO BE AS SPECIFIED, AND THE ABOVE WORK TO BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS SUBMITTED FOR ABOVE WORK AND COMPLETED IN A SUBSTANTIAL WORKMANLIKE MANNER FOR THE SUMS STATED ABOVE WITH PAYMENT AS FOLLOWS:

DUE WITHIN THIRTY (30) DAYS OF COMPLETION OF PLUMBING WORK.

Respectfully submitted,

TLC PLUMBING, INC.

Robert A. Matthews

PROPOSAL 251-17, PAGE 2 OF 3

Item #11: School City of East Chicago Water Fixture and Faucet Testing and Replacement

ITEM 11

School City of East Chicago

Mark Han, Director of Facilities

February 28, 2017

To Whom It May Concern,

The School City of East Chicago is proposing two key remediation projects as it relates to the potential lead crisis affecting our school district. First, we are proposing to remove and replace our drinking fountains that on average are over 30 years old. These fountains were original to the building construction for most of the buildings in use. As a preventative measure, this would be a safe solution to the crisis. Second, we are proposing to remove and replace our old faucet fixtures that are original to the building. Faucet water is considered potable, however it is not encouraged; it would be another preventative measure when in direct contact with our students.

We are asking for a total of approximately $ 1,200,000.00 for these two lead preventative projects. Attached is a proposal sheet that summarizes the two key remediation projects, their respective cost breakdown and our school inventory.

If you have any questions, please feel free to contact me. My email is mhan@ecps.org.

Thank you for the opportunity,

Mark Han
Director of Facilities

Board of School Trustees

Stacy Warfield, President | Vanessa Hernandez-Orange, Vice President | Dwayne Rancifer, Jr., Secretary | Jesse Gomez, Trustee | Joel Rodriguez, Trustee

1401 E. 144th Street • East Chicago, Indiana 46312 • (219) 391-4100 • Fax (219) 391-4126 • www.sceck12.in.us

Learning for ALL... Whatever it Takes!

SCEC District

Bathroom, Fixtures
& Water Fountains

Declaration of Disaster Emergency -East Chicago

Proposal
Lead Water Projects

Cost Breakdown

1	**New Water Fountain Project** - Demolition- Prep, Shutoff, De-connect, Remove old pipes - Cleanout existing pipes - Re-Connect, Install New Fountain, Fixtures - Patch, Seal, Add Rings, Enclosures	**559,286**
2	**New Faucet Project** - Demolition- Prep, Shutoff, De-connect, Remove old pipes - Cleanout existing pipes - Re-Connect, Install Fixtures, Faucets	**630,000**

Total $ 1,189,286

School Inventory

	Plumbing	McKinley	Harrison	Washington	Field	Block	Central, Et.Al	Total
1	Bathrooms	34	35	26	23	14	76	208
2	Water Fountains	9	12	11	10	5	40	87
3	Sinks (Faucets)	108	108	76	59	49	300	700

Prepared by:
Dir. of Facilities. 2.27.2017

Item #12: Reconstruction of Windows, Drain Tile and Sump Pumps in USS Lead Superfund

TLC PLUMBING, INC.
P.O. Box 429
Griffith, Indiana 46319
Telephone (219)922-6214
"Fax" (219)922-6218
IN License #CO19700117
IL License #055-015754

PROPOSAL

Proposal 251-17
Date: 3/2/17

PROPOSAL SUBMITTED TO:

Herbie Cruz
EMAIL: herbiecruz@earthlink.net

WORK TO BE PERFORMED AT:

Miscellaneous Homes
East Chicago, IN 46312

WE HEREBY PROPOSE TO FURNISH THE MATERIALS AND PERFORM THE LABOR NECESSARY FOR THE COMPLETION OF:

Plumbing work, as follows:

THIS PROPOSAL IS FOR BUDGETARY PURPOSES ONLY & DOES NOT REFLECT TRUE COSTS, AS EACH HOME MAY HAVE DIFFERENT CIRCUMSTANCES TO CONSIDER.

OPTION #1 - INTERIOR DRAIN TILE

- Customer is to remove stored items from along exterior walls in basement prior to any work being performed
- Customer is to remove any wall coverings at least 2' high from floor & any floor covering prior to any work being performed
- The unfinished block walls & bare concrete floor are to be exposed & accessible
- If any appliances or laundry tubs require removal & replacement, additional costs will be applied
- Bust & remove concrete approximately 1' away from wall, around exterior basement walls
- Excavate to bottom of footer
- Furnish & install approximately 110' of 4" perforated drain tile with sock
- Excavate & install two sump pits along exterior wall
- Furnish & install one 1/3 HP sump pump
- Furnish & install Schedule 40 PVC pipe & fittings to route sump discharge to exterior of house, within 5' of building
- Backfill using ¾" stone
- Drill bottom blocks, two holes in each block, around exposed foundation to allow for drainage
- Furnish & install plastic waterway material around perimeter of foundation in excavated area to facilitate drainage
- Cover stone with plastic to keep concrete from filtering in stone to allow for better drainage
- Replace concrete we removed - ***replacement of any floor finishing (tile, paint, carpet, etc…) is customer's responsibility***
- Haul away spoils

OPTION #1 - TOTAL COST: **$10,400.00**

PROPOSAL 251-17, PAGE 1 OF 3

Item #13: Core Team

The estimate for the cost of the Local Coordinating Committee, or "Core Team", is as follow:

PART TIME 1456 HRS X 4 X $15.00 = 1 YEAR

Estimated Annual Cost: $88,000.00

Item #14: Legal Expenses

Below is a summary of legal expenses to date, and a projection of legal costs for the City's response to the USS Lead Superfund, regulatory agencies, and our defense of litigation in which the City is a defendant.

Actual Legal Expenses to date:

Estimated Legal Costs	Charges to Date May 2016-March 1, 2017
Environmental Law Firm - 2016	$ 133,913.04
Defense of claims against the City 2016-2017 YTD	$ 5,013.00
Environmental Engineering Firm - 2016	$ 46,118.55
Law Department Staff (time devoted to Superfund related legal issues) 2016- 2017 YTD	$ 75,000.00
Total	$ 260,044.59

Projected Legal Expenses:

Projected Legal Expenses	**Projected Annual Costs**	**Total Projected Cost for five years**
Environmental Law expertise and defense of litigation against the City	$ 400,000	$ 2,000,000
Environmental Engineering Services	$ 50,000	$250,000
Law Department Staff (time devoted to Superfund related legal issues)	$ 75,000	$375,000
TOTAL	$ 525,000	**$ 2,625,000**

Unfortunately, because of the nature of the litigation against the City, it is difficult to estimate how quickly these complex cases may be resolved. It is also difficult to project how many additional Notice of Tort Claims or complaints will be filed against the City, or possible judgment or settlement costs if the City does not prevail. The City also continues to monitor the USS Lead Superfund Consent Decree in United States of America et. al. v. Atlantic Richfield Company et al, 2:14-CV-00312 and the ongoing negotiation to which the City of East Chicago is not a party.

Status of Action Items on Governor Eric Holcomb's Disaster Emergency Declaration Order 17-13

Elements of Governor Holcomb's Emergency Declaration and the City's response are below:

ORDER, the executive director of the Indiana Department of Homeland security to implement any applicable portions of the state emergency plan to coordinate public safety responses when appropriate, and to coordinate any needed emergency services for the affected area with appropriate federal, state and local agencies.

On Monday February 20, 2017, IDHS Executive Director Bryan J. Langley communicated with East Chicago Emergency Management Consultant Herbie Cruz. Director Langley advised Mr. Cruz that all State of Indiana available resources can and will be deployed as needed to assist the City of East Chicago during the lead crisis.

Furthermore, Director Langley assured that the Indiana Department of Homeland Security will work with all federal, state and local agencies to coordinate any needed emergency services needed by the City of East Chicago.

ORDER, that the state seek to identify and enter into a contract with a local non-profit and/or service agency to help ensure that all remaining residents of the housing complex are safely resettled into new units that reasonably meet their needs by the HUD deadline of march 31,2017.

IHCDA Executive Director Jacob Sipes and ECHA Executive Director Tia Cauley, have identified local non-profit and/or service agencies to help ensure that all remaining residents are safely resettled into new housing units by March 31, 2017.

ORDER, that the state petition the EPA to provide grant funding to the East Chicago Water Department for needed lead pipe replacement in portions of the affected area.

On July 17, 2017, Chief of Staff Director Danny Lopez along with other members of Governor Holcomb's staff met with Mayor Copeland and his staff. Director Lopez indicated that he and his

staff will petition the EPA to provide grant funding for needed lead pipe replacement in East Chicago.

On February 15, 2017, East Chicago representatives met with the EPA to coordinate a construction plan for lead water line replacement in East Chicago.

ORDER, that the IHCDA develop a web page through which status updates, progress reports, and other important information from state, federal, and local partners can be posted.

On February 17, 2017 IHCDA Executive Director Jacob Sipes indicated that the web page has been developed. The address for the web page that was developed by the IHCDA is listed herein.

ORDER, that the state, within thirty (30) days, engage with the new secretaries of the appropriate federal agencies to petition them for greater assistance and more resources towards efforts to relocate residents out of zone one, replace water infrastructure as needed in zones two and three, and also to expedite remediation and demolition efforts.

On February 17, 2017, Chief of Staff Director Danny Lopez advised that all efforts will be made to petition federal agencies for greater assistance to relocate residents, replace water infrastructure and expedite remediation and demolition efforts. Director Lopez indicated that he will reach out to EPA Director Pruitt and HUD Director Carson.

ORDER, that the IHCDA, once residents of the housing complex are safely relocated, seek formal authorization from the board of directors to make available the sum of $2 million for security and demolition of the housing complex.

ECHA Executive Director Tia Cauley advised that the ECHA is in the process of applying for 2 grants from IHCDA for security and demolition. On February 17, 2017, IHCDA Executive Director Jacob Sipes advised that he will seek formal authorization from the Board of Directors. Director Sipes indicated that the application is on the March 23, 2017 agenda.

ORDER, that the ISDH request that the federal government allow the state to provide lead testing at Women, Infant, and Children *("WIC")* Clinics in and around East Chicago in connection with the affected area.

Currently, free blood is lead testing available at the East Chicago WIC office, which is located inside the Healthy East Chicago Building, which also houses the East Chicago Health Department. The East Chicago Health Department also continues to offer free blood lead testing to all East Chicago residents.

ORDER, that the IHCDA continue efforts to identify and encourage the financing of new development and affordable rental housing in the East Chicago area.

ECHA is working with IHCDA to identify additional grants such as NSP and CDBG funds to provide affordable rental housing in East Chicago.

On February 17, 2017, IHCDA Executive Director Jacob Sipes indicated that he will encourage financing of new development and affordable rental housing in East Chicago.

Director Sipes further advised that IHCDA and Energy Systems network (ESN) will be launching the Moving Forward program in East Chicago. These agencies will collaborate to provide efficient affordable housing development equipped with transportation options for East Chicago residents. The comprehensive plan is aimed to break the cycle of generational poverty.

Below is a link to the IHCDA web page with information about the Moving Forward program.

Moving Forward: http://www.in.gov/ihcda/movingforward.htm

ORDER, that all instrumentalities, agencies, and department of state government continue developing and exploring ways to be of assistance in this matter.

The City of East Chicago has been very diligent and proactive in finding solutions to help the City and assist the residents through this disaster.

On February 17, 2017, Deputy Chief of Staff Danny Lopez expressed Governor Holcomb's commitment to assisting the City of East Chicago in any way possible.

REQUEST, that the City of East Chicago Mayor Anthony Copeland provide to the office of the governor, by March 5, 2017 a written assessment of additional resources and services that the City has ascertained are needed for the affected area as well as the identification of other federal resources that are or could be available to the City in connection with this matter.

After completing a total needs assessment, attached is a summary of additional resources and services requested by the City Of East Chicago.

Faucet and Fixture Replacement in Public Buildings

With the exception of the Public Safety Building (which houses the East Chicago Police Department and East Chicago City Court); the Healthy East Chicago Building (which houses the East Chicago Health Department, WIC, and other agencies), and East Chicago Fire Station No. 2, virtually all public buildings and public amenities in the City of East Chicago were built prior to 1986, when lead was banned in plumbing. The City operates several Recreation Centers which are heavily used by children and families; our public parks feature water fixtures which may contain lead, brass and lead solder. It is estimated that the cost to protect the public by identifying and replacing lead fixtures and plumbing in public buildings is $5,000,000.

Summary

The City of East Chicago has made a focused, concerted response to the crisis presented by the USS Lead Superfund. The City is sincerely grateful for Governor Holcomb's compassion and sensitivity for the plight of the City and its residents as reflected in his February 9, 2017 Declaration of Disaster Emergency, Executive Order No. 17-13. Great progress was made during, and since the Governor's February 17, 2017 visit. We look forward to working with the Governor's staff and cabinet to address the myriad of problems which have arisen as a result of the USS Lead Superfund site in our City and to improve the well-being of our City's residents.

Thank you for your concern, your time and attention to the City of East Chicago and our residents.