



Request for Proposal

For

Irrigation Design Work

Submit Proposals To:

deanj@louisvilleco.gov

I. GENERAL DESCRIPTION

The City of Louisville, Parks and Recreation Department, is requesting proposals from qualified irrigation designers to prepare construction drawings, details and specifications. Design work is for three existing and separate irrigation systems whereas mainline replacements will occur.

II. SCOPE OF SERVICES

Funding is approved in 2021 to repair and replace necessary mainline and additional irrigation components as needed at the following three sites.

1. Louisville Sports Complex, 1200 Courtesy Road

The irrigation system at the Sports Complex was installed in 1996 and has not had any significant renovation since. The mainline is due for replacement. The planned renovation is to replace the existing PVC mainline with HDPE pipe (and associated irrigation components such as valves and wires as needed) and connect to the existing lateral zones. Necessary irrigation design work for this site will be as following:

- Onsite and virtual meeting(s) with City staff to discuss as needed
- New irrigation site plan/drawing noting improvements
 - Existing plan attached
- Details and specifications
- Plan, details and specifications to be reviewed by City before finalized

2. City of Louisville Cemetery, Highway 42 and Empire Rd.

Tree roots have created the need to replace and offset a portion of mainline and reconnect to existing lateral lines. New mainline will remain PVC. Necessary irrigation design work for this site will be as following:

- Onsite and virtual meeting(s) with City staff to discuss as needed
- New overall irrigation site plan drawing may not be necessary, but will need drawing of specific area showing mainline replacement
 - Existing plan attached
- Details and specifications
- Plan, details and specifications to be reviewed by City before finalized

3. McCaslin Boulevard

Somewhere within a 500 foot section of sleeved PVC mainline in the McCaslin Blvd., the mainline failed. The existing 2" PVC mainline will need to be removed from the sleeve. Afterwards, 2" HDPE pipe is to be pulled through the existing sleeve. The valve and common wires also run through this sleeve. The HDPE installed mainline will then need to be reconnected to a PVC mainline.

Necessary irrigation design work for this site will be as following:

- Onsite and virtual meeting(s) with City staff to discuss as needed
- Useable irrigation plan does not exist. Drafting a drawing may not be necessary
 - Attached map notes area for mainline replacement
- Details and specifications
- Plan (if needed), details and specifications to be reviewed by City before finalized

III. DESIGN SCHEDULE

- Tentative date for design work completion is February 12, 2021.

IV. PROPOSAL SUBMITTAL

- Proposal to include examples of similar work along with references.
- The owner is understanding that additional design work may be needed beyond the callouts within this RFP. It is expected that the bidder will include within their proposal any and all proposed work to meet the objective of this RFP.
- Bidder should assume that no other drawings, irrigation plans, surveys, CAD layer, etc., exist beyond those attached to this RFP.
- City staff will act as project manager during the construction of this project. Please include an additional cost/rate schedule for review of submittals and/or consultation rate as needed during bid process and construction of the project.

V. STANDARD TERMS AND CONDITIONS

When preparing a proposal for submission in response to this RFP, contractors should be aware of the following terms and conditions which have been established by the City of Louisville:

- This request for proposal is not an offer to contract. The provisions in this RFP and any purchasing policies or procedures of the City are solely for the fiscal responsibility of the City, and confer no rights, duties or entitlements to any party submitting quotes. The City of Louisville reserves the right to reject any and all

quotes, to consider alternatives, to waive any informalities and irregularities, to abandon the project for this RFP at any time, and to re-solicit quotes.

- Contractor acknowledges that any potential expenditure incurred by selected contractor outside the current fiscal year is contingent upon appropriation, budgeting, and availability of specific funds for such proposed expenditure. The current fiscal year ends on December 31, 2021.
- The City of Louisville reserves the right to conduct such investigations of and discussions with those who have submitted proposals or other entities as they deem necessary or appropriate to assist in the evaluation of any proposal or to secure maximum clarification and completeness of any proposals.
- The successful proposer shall be required to sign a contract with the City in a form provided by and acceptable to the City and provide proof of insurance.
- The City of Louisville assumes no responsibility for payment of any expenses incurred by any proponent as part of the RFP process.
- All responses to this RFP become the property of the City upon receipt and regardless of selection or rejection, and will not be returned, except that the City may return late responses submitted after the response deadline. Any trade secrets or confidential commercial or financial information submitted with any response is subject to potential disclosure, and submitting it constitutes proposer's waiver of any recourse against the City in respect to disclosure and proposer's agreement to indemnify the City for any costs, legal fees or expenses incurred in relation to any proceeding concerning disclosure of such information. Any trade secrets or confidential commercial or financial information submitted with a response shall be clearly segregated and marked; provided; however, that neither cost information nor the total RFP will be considered proprietary. The City will notify the vendor of any request for disclosure of information so segregated and marked that may be subject to nondisclosure, and it will be the responsibility of the vendor to object and to pursue any legal actions pursuant to Colorado law. A vendor shall notify the City within 24 hours of notification by City of request for disclosure of the vendor's objections to disclosure and the vendor's intent to pursue lawful protection under Colorado law.

VI. Proposal Submittal Requirements

Proposals should be submitted by January 15, 2021. Respondents are encouraged to include any information pertinent to the scope of work. Proposals will be reviewed on the basis of cost, experience, references, methods and approach, and potential to meet the expectations described.

Please submit proposal to:

Dean Johnson, Park Superintendent at deanj@louisvilleco.gov

For questions or to schedule an onsite met please contact:

Dean Johnson, Park Superintendent at deanj@louisvilleco.gov

LOCATION KEY

North West Field

	A	B	C	D	E	F	G	H
ZONE 3A	10112							
ZONE 3B	12110							
ZONE 3C	181	80						
ZONE 3D	14108							
ZONE 3E								2130
VALVE TOP OF ROAD	42145							
VALVE BOTTOM OF ROAD	72120							
VALVE BY FOND	57							760
VALVE BY FOND	60							760
VALVE ZONE 4-8	18117							1830
VALVE ZONE 1	18117							
VALVE ISLAND W/ FOND	60190							
VALVE IN ISLAND W/ ROAD	61174							

North East Field

	G	H	I	J	K
ZONE 6A	134176				
ZONE 6B	135172				
ZONE 6C	5153				
ZONE 6D					
ZONE 6E	12110				
ZONE 6F	136121				
ZONE 6G	136178				
VALVE POINT (1)	120171				
VALVE ZONE 21A	139178				
VALVE ZONE 21B	140168				
VALVE POINT (3)	133				

South East Field

	L	M	N	O
ZONE 11A	130116			
ZONE 11B	127118			
ZONE 11C	18148			
ZONE 11D				
ZONE 11E	174115			
VALVE BETWEEN (NE) & (SE) FIELD	2160			
VALVE BETWEEN (NE) & (SE) FIELD	1310			
VALVE ZONE 15	120172			
VALVE POINT M	21			
VALVE POINT N	10			

South West Field

	P	Q	R	S	T	U
ZONE 16A	141178					
ZONE 16B	17100					
ZONE 16C	1724111					
ZONE 16D	180	54				
ZONE 16E	18152					
VALVE ZONE 18	121212					
VALVE POINT R	15153					
VALVE POINT S	30					
VALVE ZONE 19	153	30				
VALVE BETWEEN (SW) & (SE) FIELD	11	12				
VALVE OUT	3753					
VALVE ZONE 16	198144					

INSTALLATION CONTRACTOR
Intermountain Landscape & Sprinkler, Inc.
11105 W. Center Ave.
Lakewood, CO 80226
989-0036

GENERAL NOTES

1. SEE SHEET L3 FOR IRRIGATION EQUIP. SCHEDULE AND ZONING SCHEDULE

PRE-EXCAVATION CHECKLIST

- CAREFULLY REVIEW UTILITY LINES SHOWN ON THE VARIOUS SITE PLANS WHICH REPRESENT THE OWNER'S MOST AVAILABLE (NOT NECESSARILY ACCURATE) DOCUMENTATION.
 - CONTACT LOCAL UTILITIES LOCATING SERVICE. CALL AT LEAST 2 BUSINESS DAYS AHEAD OF SCHEDULED EXCAVATION.
 - CONTACT UTILITY NOTIFICATION CENTER OF COLORADO • 800-422-1987
 - UTILITIES LOCATED AND MARKED.
 - EMPLOYEES BRIEFED ON MARKING AND COLOR CODES (*).
 - EMPLOYEES TRAINED ON EXCAVATION AND SAFETY PROCEDURES FOR NATURAL GAS LINES.
 - WHEN EXCAVATION APPROACHES GAS LINES, EMPLOYEES EXPOSE LINES BY CAREFUL PROBING AND HAND DIGGING.
- * A.S.A./A.P.M.A. STANDARD UTILITY MARKING COLOR CODE
NATURAL GAS - YELLOW ELECTRIC - RED WATER - BLUE

Field Survey
April 27 1996
30

0081
00321
RANON
UNICK

0081
0021
0089

General Notes:

- about 1/2 of the heads need fill around them.
- Low spots need fill.
- Heads need to be adjusted to perpendicular.
- check arcs on all infield heads to ensure coverage

HUTTENBERG & ASSOCIATES, INC.
Architect • Landscape Architects • Planners • 2808 Canyon Blvd, Suite 101 • Boulder, Colorado 80502 • 303-443-3760
IRRIGATION AS-BUILT
OCT. 95

LOUISVILLE SPORTS COMPLEX
CITY OF LOUISVILLE PARKS AND RECREATION DEPARTMENT
BID PACKAGE 3
LANDSCAPING, FENCING
AND SPORTS LIGHTING

DATE: 3-10-95
JOB NO.: 9402
DRAWN: JAK
CHECKED:
REVISIONS:
SHEET CONTENTS:
IRRIGATION PLAN
SHEET:
L2

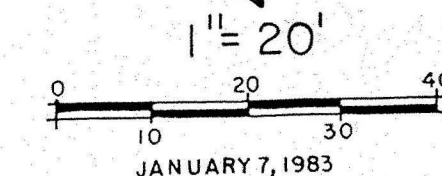
IRRIGATION PLAN
SCALE: 1" = 50'-0"

CITY OF LOUISVILLE CEMETERY PHASE II

IRRIGATION SCHEDULE			
SYMBOL	QUANTITY	PRODUCT DESCRIPTION	NOTES
	5	RAINBIRD 200-PS-B PRESSURE REGULATING ELECTRIC VALVE	IN VALVE BOX - SQUARE
	1	FAIRY 700 1" ELECTRIC DRIP VALVE	IN VALVE BOX - SQUARE
	1	2 1/2" MANUAL GATE VALVE	IN VALVE BOX - ROUND
	1	1" RAINBIRD 44 LRC QUICK COUPLER	IN VALVE BOX - ROUND
	12	RAINBIRD R-70 FC 1/2" ROTOR TORUS SPRINKLER	60 PSI 1/2" RADIUS 10 GPM DESIGN GUIDELINES
	675'	CLASS 160 PVC LATERAL LINE	AS SIZED
	480'	PERCO 3/4" DRIP TUBING	3 DRIP EMITTERS PER TREE RAINBIRD EM-MID DRIP EMITTERS
	50'	1/2" SCHEDULE 40 GLEEVE	
	340'	3" CLASS 200 PVC MAIN LINE	
	1	IRRTROL M-PLUS 3 STATION CONTROLLER	

Existing mainline and control valves to be relocated to avoid conflict with trees. Laterals to be extended from new valve locations to existing laterals, providing adequate clearance to trees.

N

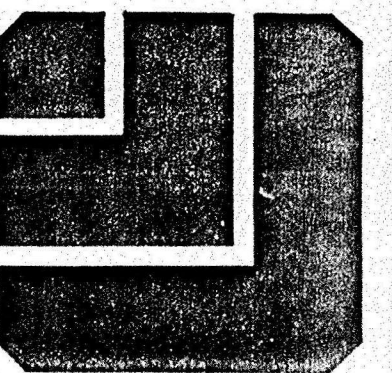


LEGEND

PROPERTY LINE
EXIST. CONTOURS

CITY OF LOUISVILLE
IRRIGATION

DESIGN BY:		REVISED	
NO.	DATE	NO.	DATE
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	
10		10	



CITY OF LOUISVILLE

TOPOGRAPHIC MAP

DRAWN BY: WOZNY
DESIGNED BY: DATE: 1/7/1983
APP. BY: SHEET 1 OF 8

Site picture showing area of mainline replacement for McCaslin Boulevard

