

REQUEST FOR PROPOSALS FOR DESIGN, MATERIALS INSTALLATION OF IRRIGATION SYSTEM FOR HAMLIN BLVDS RFP-RH-13-047

NAME	Progressive Irrigation, Inc.	Michigan Automatic Sprinkler, Inc.	American Sprinkler	Marc Dutton Irrigation Inc.
ADDRESS	White Lake, MI	Commerce, MI	Livonia, MI	Waterford, MI
Years providing design for irrigation sys	16 years	63 years	28 years	37 years
Years installing irrigation systems	16 years	63 years	28 years	34 years
Irrigations Systems designed/installed	City of Birmingham - Oakland Islands Downtown Clarkston Schools-15 sport fields and 7 schools Lenawee Intermediate School-school roof top City of Fenton-Main St. Lake Orion Schools-sports fields/schools	Hillers Markektplace, S Lyon Rolling Hills County Parks, Ypsilanti Griffin Claw Brewery, Birmingham Crooks Road Blvd, RH Livernois Blvd, RH	Rochester Streetscape Fenton Public Schools St Joseph Mercy Hosp, Pontiac Belleville High School 12 Mile Rd Median Island, Novi	Mt Elliott Park, Detroit Gardenview Estates, Detroit GM Warren Tech Center - design Northbury Condos, Ann Arbor Waterford Schools
Experience designed & installed irrigation systems for blvds in ROWs	Designed & installed irrigation system on Main St in downtown Fenton & downtown Oakland Islands in Birmingham and M-5/Martin Pkwy in Commerce Twp. All involved blvds within ROWs	Installed several irrigation systems as well as designed systems for ROWs and blvds. Some of those systems include: Crooks Rd Blvd, Livernois Blvd, MDOT-D19 in Howell, MDOT Farm Ln in East Lansing, Silbey Rd in Howell	Farmington Hills-Northwestern Hwy & Orchard lake Rd medians City of Novi-12 Mile Road medians City of Warren-Mound Rd medians City of St. Clair Shores - Harper Avenue	Woodward Avenue medians, between 16 Mike & Hickory Grove, Bloomfield Hills Telegraph Road medians between Northwestern & 12 1/2 Mile Rd, City of Southfield
Full Time Employees	26 Full Time Employees	22 Full Time Employees	30 Full Time Employees	40 Full Time Employees
Part Time Employees	14 Part Time Employees	2 Part Time Employees	10 Part Time Employees	0 Part Time Employees
Description of project and services	All services requested in RFP; irrigation design, all materials, labor & equipment to complete project, coordination with RH & DTE, attain permits, directional boring (if needed) installation of irrigation system, testing of all components, restoration of grass, training & maintenance. Equipment dependent on situation but includes a backhoe, ditching witch, directional boring machine & skid steer	Engineer design and install a fully automatic underground irrigation system per specifications	System to be installed w/ cities; preferred materials Based on design by Spartan Distributors All specifications included in RFP to be followed	Design by IA certified designer; provide 2 water services (taps by RH); provide back-flow prevention & enclosures; provide 2 controllers, hardwire controllers to new DTE service; new electric service is incl'd; install 18 valves, 280 heads, 122 rotor heads; all material to match Crooks Rd installation

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Work Plan	Preliminary walk through of site; set up dates w/ Ms Dig & DTE; locate all sleeving; set up directional bore from grn belt to grn belt (only if sleeve is not provided at the location) coordinate service time for water dept to set up water tie in; during process installation of irrigation system; complete project by testing all components, adjusting sprinkler heads, grass restoration, site clean-up, training & maintenance	Design, layout and install fully automatic irrigation system per industry standards	Coordinate water taps by city; DTE services by Canton Electric/DTE. Will locate and/or bore sleeves; run main lines through sleeves. Install main line & valves in conjunction w/ heads eastbound curb; then westbound; restoration of mainline trench & all disturbed areas. Training to city employees; total timeframe approx. 3-4 weeks	Contact RH to schedule, location & install water taps; schedule & install barricading; schedule Edison drop; begin install; schedule directional boring; complete water service points of connection; complete electrical work; complete pipe installation; test & adjust system; Final cleanup & seeding; instruct City on operation & maint. Winterize system.
Recommendation for successful completion of project meeting City's objectives	Material list uses Rainbird products- superior to what city currently uses on Crooks blvd. If city wants to stock only one manuf of irrigation components, we can comply. Operability & quality and meets City's future needs recommend Rainbird. Recommend a dedicated and open communication channel between offices & personnel	Communication of all parties involved and cooperation with utility department	Recommend system be installed first thing in spring 2014 as completion in 2013 will be past growing season window	Maintain current product utilized in City irrigation systems. Have maintenance personell monitor the installation to familiarize themselves with final product
Timeline	7 to 10 days (weather permitting). Other time frames of RH/DTE	10 days from start to finish (weather permitting)	1 wk after award start; 3 wks for completion Recommend install 1st part of April	October 15, 2013 - start November 15, 2013 - completion
Staff Qualifications	Primary contact - 16 yrs irrigation exp Staff quals are significant experience under guidance of primary contact, ongoing classes, certifications, training	Owner-over 30 years experience Foreman - 18 years experience Sprinkler installers - 12 years experience	Irrigation is only business; 4 install crews w/ average 18 yrs experience; 6 services crews w/ 14 yrs average experience	All supervisory personnel at least 20 yrs experience; Primary contact is VP with 45 yrs in the industry
Will utilize irrigation system manuf described in RFP	No. Recommend Rainbird or Hunter products. Can install Toro products - pricing will be similar	Yes	Yes	Yes

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List of Materials	4" PVC Sleeving	Toro 5702 - 4" pop up heads - 431	Weathermatic 2-wire decoder controller (2)	4-Sta expand to 16 controller (2)
	2" Reduced Vacuum Breaker	Toro precision nozzles - 431	Weathermatic Decoder (18)	16 zone 2-wire programodule (2)
	Misc 1" copper fittings	Toro 1" control valves - 6	Lightning arrestor for decoder sys (6)	1-zone decoder w/ surge sup 2-wire (14)
	2" PVC piping	Toro 1 1/2" control valves - 12	Wireless weather station (2)	2-zone decoder w/ surge sup 2-wire (2)
	1" flow control valve RB	Toro Quick Coupler valves - 6	1 1/2" Toro electric valve (12)	Lightning arrestor for decoder sys (6)
	RainBird 1 1/2" Globe Angle Valve	Weathermatic(2 wire)controllers (2)	1" Toro EX Flo electric valve (6)	Wireless weather station (2)
	2 1/2" PVC piping	Single Station Decoder-Weathermatic-8	Toro T5 rotor (122)	1 1/2" electric valve w/ globe angle (12)
	1-1/2" x 1' poly pipe NSF	2 stat decoders-Weathermatic-7	Toro spray head w/rotating nozzle (204)	1" ele EZ flo valve (6)
	CH 1" x 300' 100 lb Non-NSF poly pipe	Weathermatic lighting protectors - 2	Toro spray head pressure reg, ck valve (76)	5" lawn rotor w/ check valve (122)
	Rain Bird 4" pop up spray head	1" polypipe - 7500'	1" quick coupling valve (6)	4" pop up spray (204)
	12' adjustable nozzle van	1 1/4" polypipe - 200'	2" vacuum breaker w/ rock encl (2)	Prx 4" w/ press reg & shut off (76)
	Rain Bird Rotor Head	1 1/2" polypipe - 500'	3300' 2" PVC main line	nozzle & screen (76)
	Zone modular indoor controller w/cabinet	1 1/2" PVC mainline - 2700'	8000' poly lateral lines	Adj rotating nozzle Toro (204)
	3 station modules	2" PVC mainline - 600'	All other necessary materials for a complete system	1" quick coupler valve (6)
	Wireless Rain sensor	14 - 2 redwire - 6500'		1" quick coupler key (1)
	14-1 SNGL CND wire white	Mock Rock Fieldstone - 1		1" FPT x 3/4" hose swivel (2)
	14-1 single cond, wire	Misc fittings		1"x 4" brass nipple TxT (6)
	Directional Boring			Stabilizer for 3/4" & 1" quick couplers (6)
	Equipment Charge			1" brass swing joint 10" riser (6)
	DTE meter fuse panel, grn rod stainless			2" Febco vacuum breaker (2)
	Enclouser for controls & meter			Insulated hot rock w/ heat (2)
	10" Carson Round Valve Box			4" PVC pipe (80')
	Permits			2-1/2" PVC pipe (1460')
				2" PVC pipe (1820')
				2" x 100' poly pipe
				1 1/2" x 300' poly pipe
				1 1/4" x 300' Poly pipe
				1/1/4" x 100 poly pipe (2)
				1" x 300' poly pipe (23)
				14GA double jacket wire 2500' (2)
				3M connector rated 600V (84)
				5/8" x 8' ground rod-copper clad (6)
				#6 Bare copper wire 500' reel (60 ft)
				1-way grd connector (6)
				10" round blk box grn lid highline (18)

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				10" blk valve box & lid (6)
				6" economy blk box/grn lid (6)
				21" red flags w/ Toro logo wire staff (4)
				Sprinkler fittings (402)
				Valve Fittings (24)
Utilized irrigation system manufacturers described in RFP; Number of years	Yes 10 to 12 years	Yes 30+ years	Yes 25 years	Yes 30 years
Manufacturer's products will best meet City's needs	Toro products will not meet aggressive water needs of RH. Recommend Rainbird or Hunter	Correlates w/ equipment currently installed in existing city systems. There are 2 local distributors within city area	Preferred product to standardize City's irrigation systems	Product matches product on other City projects; service inventory simplified & maint personell need to learn only repair procedure on one product
Certified to install manuf irrigation systems	Yes; certified 15 years	Yes for over 30 years	N/A	Yes; 30 years
Subcontractors	Yes, only if sleeve not provided REK Directional Boring	Yes - REK Construction for directional drilling; been working with for 20 yrs	Canton Electric will provide DTE service connections - 30 yrs experience	Oak Electric Service; 30 years Lynx communication (dir boring) 15 years State Barricading (traf control) 20 years
Warranty	3 yrs parts & labor against any manuf defects or workmanship	3 yrs manufacturer product 3 yrs w/Michigan Auto Sprinkler providing they provide all maintenance on system	Weathermatic-3 yrs manuf; Toro-5 yrs American Sprinkler 1 yrs from date of acceptance-system free of defects	Manufacturer's 2/3/5 yr warranty Contractor's warranty - 1 yr
Necessary preparations to install	Call Miss Dig, look at drainage and grade of land to make sure fencing is applied in appropriate areas.	Call Miss Dig, coordinate with City Engineer & Water Dept to set up water tap. Establish proper barricades and construction signs per MDOT Specs	Approval of plans by City; Miss Dig entire site; coordinate w/ DTE for electric service; coordinate with City for water taps	Secure permits, call for utility staking, install barricading; contract with Edison schedule taps with City
Routine Maintenance	Inspection of whole system; initial start up & winterization ck system and area	Normal maintenance cleaning and adjusting all heads; proper winterization in fall	Periodic inspection and yearly winterization	Check for leaks, adjusting heads, checking valve operation, programming controller, adjusting zone times as necessary

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Irrigation System's physical attributes	Controllers, electric valves, piping, wiring, sprinkler heads, fittings & clamps	Latest technology w/ 2 wire control system, water efficient sprinklers & nozzles	Meet all specs; plans included; weather stations for auto adjustment of watering times are included	PVC mainline; polyethylene zone lines, 18 electric valves, 280 spring heads, 122 rotor heads
Contract		Yes	No	No
Insurance	Yes	Yes	yes	Yes
Bonds	Yes	Yes	Yes	Yes
Manufacturer's Information	Yes	Yes	Yes, upon award	Yes
Manufacturer's Literature	Yes	Yes	Yes, upon award	Yes
<b>Total Cost</b>	<b>\$46,950.05</b>	<b>\$33,720.00</b>	<b>\$46,821.00</b>	<b>\$54,750.00</b>
Design		\$0.00	\$300.00	\$0.00
Materials		\$13,090.60	\$17,000.00	\$19,250.00
Installation		\$18,329.40	\$26,721.00	\$33,000.00
Restoraton/grass replacement		\$1,800.00	\$2,500.00	\$2,500.00
Maintenance 1 year		\$500.00	\$300.00	\$0.00