

<b>NAME</b>	<b>Marc Dutton Irrigation Inc.</b>	<b>Michigan Automatic Sprinkler</b>	<b>Shades of Green</b>	<b>Trost Irrigation, Inc.</b>
<b>ADDRESS</b>	<b>Waterford, MI</b>	<b>Commerce Township, MI</b>	<b>Rochester Hills, MI</b>	<b>Orion, MI</b>
Years in Business	32 years	58 years		
Years providing design for irrigation systems	32 years	58 years		
Years installing irrigation systems	32 years	58 years		
Irrigation System Contracts	General Motors	City of Troy		
	Ford	Woodward - Royal Oak		
	Toyota	City of Pontiac		
	Bay City Mall	City of Auburn Hills		
	Midland Mall	City of Rochester Hills-Livernois		
	Comerica Park	GM World Headquarters		
	AAA Headquarters	Renaissance Center-Jefferson		
	MGM Grand Casino	Macomb Comm College		
	Greenfield Village	Northville Comm Park		
	Great Lakes National Cemetery	Roeper School-Birmingham		
	Chrysler	Greenfield Rd Streetscapes		
Experience Design/Install Irrigation Systems for Boulevards/ROW's	Woodward Avenue Medians	Big Beaver Medians		
	Telegraph Road Medians	Woodward Avenue Medians		
	Mound Road Medians	Glenwood Ave-Pontiac Medians		
		Greenfield Road Medians		
		Telegraph Road Medians		
		Livernois Blvd, RH		
Full/Part Time Employees	20 full time/40 part time	35 full time		
Description of Project/Services/Materials/ Equipment	Design and build turf irrigation system for Crooks Road islands from south of Enterprise Drive to South Blvd.	Fully auto Toro system, central control link; 100% coverage; heads 50% spacing on center; quick coupling valves within islands for additional water; 3-yr parts & labor warranty. Winter-ized free of charge in fall 2008 & spring start-up & maint test/ adjustment included in warranty	Toro design materials and installation per Spartan design 2 wire system. Alternate: Underwire design build, 2 wire system; Rotors Hunter PGP, Mist heads Rainbird	Installation of underground irrigation system to water all lawn areas as per plan using battery valves in Base Total. \$3,500 added for power for controller and Edison Fee. Base bid includes rock enclosures.
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Work Plan		Meet with City staff; 110 v power connection pt; RCOC permits, DTE arrange for power connect; Miss Dig for utility locations, City performs water taps, tap materials spec'd by Oak Cty; begin install trenching; install lateral pipe & heads, adjust, verify install/restoration & activate irrigation system. Restore any disturbed grass areas with spec'd seed mixture.		
Recommendations		Timely obtain permits, DTE power & physical address; Sleeve locations to minimize excavation damage restoration; establish wk impact zones and proper traffic control		
List of Materials	Toro Equipment. Quantities and type to be supplied with approved drawing.	Toro Irrigation Equipment: valves, controller, etc; Febco Backflow Prevention Device, Decorra Rock Enclosure		
Time Frame for Completion	Begin 1 week after award; Project will required 3 weeks to complete	RCOC permit process within 24-28 hrs of award; start construction upon receipt of permit; 5-7 weeks to complete.		
Staff Qualifications	Over 100 years combined experience of mgmt staff; Majority of employees w/ company more than 10 years	Owner - 20+ years Design Eng-8 yrs Cert Irrig Contractor - 13 yrs		
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Manufacturer	Hunter, Toro, Rainbird, Weathermate	Rainbird, Toro, Hunter		
Manufacturer's Product will meet City's Needs	City's choice	Rainbird & Toro high quality & reputable irrigation components; same grade products as Livernois Blvd; Decorra Rock backflow enclosure.		
Certified to Install Manufacturer's systems	Yes	Yes		
Subcontractors	No	Electrical subcontractor to build electrical meter/service assembly locations		
Warranty	One year labor and materials plus any extended warranty provided by Manufacturer	Three yr irrigation system warranty includes first year maintenance including winterizing in fall and spring start up. No 3rd party damages; 100% parts and labor on mechanical failures included.		
Necessary Preparations	City to provide water tap	Meet w/ City to establish water mains, sleeve locations and electrical utility locations; Notify Miss Dig 72 hours prior to any construction.		
Routine Maintenance	Check for head adjustment; keep the turf mowed; winterize prior to frost	Yearly winterization is mandatory; removal and storage of water meters during winter months. Routine coverage and controller program adjs; inspect backflow prevention devices & test at 5 yr interval		
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System's Physical Attributes	Gear-driven rotars and sprays	95% or irrigation system will		
		be installed sub-grade; remain-		
		ing 5% installed above grade		
		and shall include water meter &		
		backflow device & system		
		control timers.		
Contract	No	Yes		
Insurance Requirements	Yes	Yes		
Bond Requirements	Yes	Yes		
Manufacturer's Information	No; Hunter website	Yes		
<b>COST PROPOSAL:</b>				
Base Proposal:				
Design	\$1,000	Included		
Materials	\$20,000		\$24,000	
Installation	\$20,000		\$20,965	
Restoration/grass replacement	\$5,000		\$2,000	
Maintenance - 1 year	\$1,500	Included		
Others:				Base Bid \$36,500.00
				Power \$ 3,500.00
Total Lump Sum:	\$47,500	\$46,965	\$59,417.00	\$40,000.00
			Alternate: \$55,417	
Prices held through implementation	Yes	Yes		
Exceptions/Alternates:	No Bid Bond Submitted	Proposal based on info provided	Water tap & pipe above ground	Base bid excludes all sleeves
		by RH & existence of undergrd	by others; DTE electrical cost	under drives and wlaks and
		conduit per spec. Any unfore-	not included in above pricing;	location of sleeves.
		seen deviation fr existing condi-	No road boring included;	If sub-soil conditions, buyer
		tions to add necessary conduit	Restoration included in quotes.	is responsible for added costs.
		installed by directional boring		
		shall be additional cost		