



**Bid 20-130 - CMPF Fire Suppression System Restoration**  
**Bid Opening 2:00 PM - March 23, 2020**  
**All Bids are subject to correction after bids have been completely reviewed**

Lake Recharge & Fire Equipment, LLC	Bi State Fire Protection Corp.
49 Redbud Ridge Drive	241 Hughes Lane
Eldon, MO 65026	St. Charles, MO 63301
573-392-0495	636-946-0011
<a href="mailto:nancy@lakerecharge.com">nancy@lakerecharge.com</a>	<a href="mailto:pia@bistatefire.com">pia@bistatefire.com</a>

Item	Description	Quantity	Unit	Unit Cost	Cost	Unit Cost	Cost
1	Provide and install wall mounted ECS (or approved equal) Nitrogen Generator System. Includes on site commissioning of nitrogen generator equipment by an ECS engineer	1	LS	\$20,740.00	\$20,740.00	\$22,025.00	\$22,025.00
2	Area 1-East System 4" Main Replacement (Black Schedule 40 pipe)	1	LS	\$3,983.00	\$3,983.00	\$18,500.00	\$18,500.00
3	Area 2-East System 6" Main Replacement (Black Schedule 40 pipe)	1	LS	\$4,118.00	\$4,118.00	\$12,440.00	\$12,440.00
4	Area 3 - West System 6" and 4" Main Replacement (Black Schedule 40 pipe)	1	LS	\$5,129.00	\$5,129.00	\$23,410.00	\$23,410.00
5	Area 4 - Below Mezzanine System Replacement (Black Schedule 40 pipe)	1	LS	\$24,150.00	\$24,150.00	\$24,940.00	\$24,940.00
6	Area 5 - Sort Room System Replacement (Black Schedule 10 pipe)	1	LS	\$15,700.00	\$15,700.00	\$32,150.00	\$32,150.00
7	Area 6 - Administration Area System replacement (Black Schedule 40 pipe)	1	LS	\$21,700.00	\$21,700.00	\$38,000.00	\$38,000.00
8	Area 7 - Office Mezzanine System Replacement (Black Schedule 40 pipe)	1	LS	\$6,700.00	\$6,700.00	\$28,270.00	\$28,270.00
9	Hydraulically Flush West and East System Roof Level	1	LS	\$1,000.00	\$1,000.00	\$3,155.00	\$3,155.00
10	Provide P.E. Sealed Engineering analysis, calculations and flow testing per The NFPA 13 to allow schedule 40 pipe upgrade from the existing schedule 10 pipe	1	LS	\$5,500.00	\$5,500.00	\$1,440.00	\$1,440.00
<b>Alternate 1 Total (Items 1-10)</b>				<b>\$108,720.00</b>		<b>\$204,330.00</b>	

Item	Description	Quantity	Unit	Unit Cost	Cost	Unit Cost	Cost
11	Provide and install wall mounted ECS (or approved equal) Nitrogen Generator System. Includes on site commissioning of nitrogen generator equipment by an ECS engineer	1	LS	\$20,740.00	\$20,740.00	\$22,025.00	\$22,025.00
12	Area 1-East System 4" Main Replacement (Black Schedule 10 pipe)	1	LS	\$3,440.00	\$3,440.00	\$17,330.00	\$17,330.00
13	Area 2-East System 6" Main Replacement (Black Schedule 10 pipe)	1	LS	\$3,433.00	\$3,433.00	\$10,730.00	\$10,730.00
14	Area 3 - West System 6" and 4" Main Replacement (Black Schedule 10 pipe)	1	LS	\$4,111.00	\$4,111.00	\$20,870.00	\$20,870.00
15	Area 4 - Below Mezzanine System Replacement (Black Schedule 10 pipe)	1	LS	\$23,650.00	\$23,650.00	\$23,020.00	\$23,020.00
16	Area 5 - Sort Room System Replacement (Black Schedule 10 pipe)	1	LS	\$15,400.00	\$15,400.00	\$31,640.00	\$31,640.00
17	Area 6 - Administration Area System replacement (Black Schedule 10 pipe)	1	LS	\$21,500.00	\$21,500.00	\$37,550.00	\$37,550.00
18	Area 7 - Office Mezzanine System Replacement (Black Schedule 140 pipe)	1	LS	\$6,600.00	\$6,600.00	\$27,390.00	\$27,390.00
19	Hydraulically Flush West and East System Roof Level Main after pipe replacement	1	LS	\$1,000.00	\$1,000.00	\$3,155.00	\$3,155.00
20	Provide P.E. Sealed Engineering analysis, calculations and flow testing per The NFPA 13 to allow schedule 40 pipe upgrade from the existing schedule 10 pipe	1	LS	\$5,500.00	\$5,500.00	\$1,440.00	\$1,440.00
<b>Alternate 2 Total (Items 11-20)</b>				<b>\$105,374.00</b>		<b>\$195,150.00</b>	