



Client: City of Keller Project: Pearson Pump Station Backup Generator Bid Date: 10/30/24 Project No.: KEL23741				McDonald Municipal and Industrial 5044 Timber Creek Houston, Tx 77017		Prater 5216 Donovan Ct Rowlett, Texas 75088		Average of Bids		Engineer's Estimate	
#	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	Site Prep, Subgrade prep, structural fill, and Generator Pad	1	LS	\$125,000.00	\$125,000.00	\$376,000.00	\$376,000.00	\$250,500.00	\$250,500.00	\$123,041.64	\$123,041.64
2	1200A Medium Voltage ATS, 40kA	1	EA	\$400,000.00	\$400,000.00	\$780,000.00	\$780,000.00	\$590,000.00	\$590,000.00	\$994,901.51	\$994,901.51
3	Generator - 480V, 500kW, UL 142, Level 2 Sound Attenuation, incl generator enclosure, metal platform, and metal stairs	1	EA	\$150,000.00	\$150,000.00	\$488,000.00	\$488,000.00	\$319,000.00	\$319,000.00	\$522,285.89	\$522,285.89
4	480V to 4160V, 3 Phase 750KVA Step Up Transformer	1	EA	\$75,000.00	\$75,000.00	\$190,000.00	\$190,000.00	\$132,500.00	\$132,500.00	\$164,570.18	\$164,570.18
5	Misc. Electrical (Grounding, Lights, Receptacles, etc.)	1	LS	\$20,000.00	\$20,000.00	\$156,000.00	\$156,000.00	\$88,000.00	\$88,000.00	\$37,402.31	\$37,402.31
6	Cable and Conduit	1	LS	\$1,020,469.00	\$1,020,469.00	\$305,000.00	\$305,000.00	\$662,734.50	\$662,734.50	\$366,826.92	\$366,826.92
7	Electrical Pullboxes	3	EA	\$1,000.00	\$3,000.00	\$3,000.00	\$9,000.00	\$2,000.00	\$6,000.00	\$8,228.51	\$24,685.53
8	Electrical Manholes	2	EA	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$25,807.60	\$51,615.19
9	Instrumentation & SCADA	1	LS	\$5,000.00	\$5,000.00	\$40,000.00	\$40,000.00	\$22,500.00	\$22,500.00	\$78,544.86	\$78,544.86
10	Power System Studies	1	LS	\$15,000.00	\$15,000.00	\$18,000.00	\$18,000.00	\$16,500.00	\$16,500.00	\$12,716.79	\$12,716.79
11	Start-up and Testing	1	LS	\$5,000.00	\$5,000.00	\$28,000.00	\$28,000.00	\$16,500.00	\$16,500.00	\$9,724.60	\$9,724.60
TOTAL AMOUNT - BASE BID					\$1,828,469.00		\$2,400,000.00		\$2,081,234.50		\$2,386,315.41
Substantial Completion					916		730				730
Final Completion					930		760				760
Value per day of construction (Engineer's Estimate, Submitted to the City of Keller on 9/17/2024) / Days to Substantial Completion per Bid Form 00 41 13, 5.01					\$3,268.93		\$3,268.93				\$3,268.93
Value for days of construction (value per day x substantial completion days)					\$2,994,335.50		\$2,386,315.41				
Basis for comparison of bids					\$4,822,804.50		\$4,786,315.41				