

1 **TABLE OF CONTENTS TECHNICAL SPECIFICATIONS (10/2022)**
 2 **VOLUME 2**

3
 4 Division Project No. **19L1IREBID**

Pages Thru
 1
 TC-3

5
 6 **TITLE PAGE**
 7 **TABLE OF CONTENTS**

8
 9 **DIVISION 02 – EXISTING CONDITIONS**

10	Section	Title	
11	02 05 00	Common Work Results for Existing Conditions	02 05 00-4
12	02 41 13	Selective Removal	02 41 13-3

13
 14 **DIVISION 03 - CONCRETE**

15	Section	Title	
16	03 30 00	Cast-In-Place Concrete	03 30 00-20

17
 18 **DIVISION 05 - METALS**

19	Section	Title	
20	05 50 00	Metal Fabrications	05 50 00-2

21
 22 **DIVISION 07 - THERMAL AND MOISTURE PROTECTION**

23	Section	Title	
24	07 84 00	Fire Stopping	07 84 00-8
25	07 92 00	Joint Sealants	07 92 00-4

26
 27 **DIVISION 08 - OPENINGS**

28	Section	Title	
29	08 11 00	Metal Doors and Frames	08 11 00-4
30	08 14 00	Flush Wood Doors	08 14 00-4
31	08 71 00	Door Hardware	08 71 00-4

32
 33 **DIVISION 09 - FINISHES**

34	Section	Title	
35	09 26 00	Gypsum Board Assemblies	09 26 00-3
36	09 51 23	Acoustical Tile Ceilings	09 51 23-2
37	09 65 13	Resilient Base and Accessories	09 65 13-4
38	09 65 19	Resilient Flooring	09 65 19-4
39	09 91 00	Paint	09 91 00-3

40
 41 **DIVISION 21 – FIRE SUPPRESSION**

42	Section	Title	
43	21 05 00	Common Work Results for Fire Suppression	21 05 00-8
44	21 05 29	Hangers and Supports for Fire Suppression Piping and Equipment	21 05 29-5
45	21 08 00	Commissioning of Fire Suppression	21 08 00-8
46	21 10 00	Water-Based Fire Suppression Systems	21 10 00-9

47
 48 **DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING**

49	Section	Title	
50	23 05 00	Common Work Results for HVAC	23 05 00-6
51	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-5
52	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-3
53	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-5
54	23 07 00	HVAC Insulation	23 07 00-8
55	23 08 00	Commissioning of HVAC	23 08 00-45
56	23 21 13	Hydronic Piping	23 21 13-3
57	23 23 00	Refrigerant Piping	23 23 00-3

1	23 31 00	HVAC Ducts and Casings	23 31 00-4
2	23 33 00	Air Duct Accessories	23 33 00-3
3	23 37 13	Diffusers, Registers and Grilles	23 37 13-2
4	23 41 00	Particulate Air Filtration	23 41 00-2
5	23 81 23	Self-Contained, Fully Integrated, Row-Based Data Center Infrastructure	23 81 23-13
6	23 81 26	Split-System Ductless Air Conditioners	23 81 26-6
7			
8	DIVISION 26 - ELECTRICAL		
9	Section	Title	
10	26 05 00	Common Work Results for Electrical	26 05 00-7
11	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
12	26 05 04	Cleaning, Inspection, and Testing of Electrical Equipment	26 05 04-3
13	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-6
14	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
15	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-5
16	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
17	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-12
18	26 05 34	Underground HDPE Pathways for Electrical Systems	26 05 34-5
19	26 05 36	Cable Trays for Electrical Systems	26 05 36-5
20	26 05 43	Underground Ducts and Raceways for Electrical Systems	26 05 43-4
21	26 05 53	Identification for Electrical Systems	26 05 53-4
22	26 05 73	Short Circuit/Coordination and Arc Flash Study	26 05 73-5
23	26 08 00	Commissioning of Electrical	26 08 00-57
24	26 24 16	Panelboards	26 24 16-3
25	26 27 26	Wiring Devices	26 27 26-6
26	26 27 28	Disconnect Switches	26 27 28-2
27	26 28 13	Fuses	26 28 13-1
28	26 32 13.13	Engine-Driven Generator Sets – Diesel	26 32 13.13-8
29	26 32 33	Uninterruptible Power System (UPS)	26 32 33-12
30	26 36 00	Transfer Switches	26 36 00-4
31	26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	26 43 13-3
32	26 51 13	Interior Lighting Fixtures, Lamps and Ballast	26 51 13-6
33			
34	DIVISION 27 - COMMUNICATIONS		
35	Section	Title	
36	27 05 53	Identification for Communication Systems	27 05 53-6
37	27 08 00	Commissioning of Communications	27 08 00-19
38	27 10 00	Structured Cabling	27 10 00-31
39			
40	DIVISION 28 – ELECTRONIC SAFETY AND SECURITY		
41	Section	Title	Pages Thru
42	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-16
43	28 10 00	Access Control System	28 10 00-10
44	28 23 00	Video Surveillance System	28 23 00-8
45	28 31 00	Fire Detection and Alarm	28 31 00-11
46			
47	DIVISION 31 - EARTHWORK		
48	Section	Title	Pages Thru
49	31 25 00	Erosion Control	31 25 00-4
50			
51	DIVISION 32 – EXTERIOR IMPROVEMENTS		
52	Section	Title	Pages Thru
53	32 92 19	Seeding	32 92 19-3
54			
55	DRAWINGS - Bound Separately		
56	Title		Sheets Thru
57	Title Sheet		T000

1	Site Plan Access and Staging	G100
2		
3	Architectural	
4	Shemanske - First Floor Plan - Architectural Floor Plans	A251
5	Shemanske - First Floor Plan - Finish Plan, Schedules and Details	A252
6	Shemanske - First Floor Plan – Reflected Ceiling Plans	A253
7		
8	Fire Suppression	
9	Fire Suppression General Notes, Symbols and Abbreviations	F000
10	Shemanske - First Floor Demolition Plan - Fire Suppression	FD251
11	Shemanske - First Floor Plan - Fire Suppression	F251
12	Shemanske - First Floor Above Ceiling Plan - Fire Suppression	F251.1
13		
14	Mechanical	
15	Mechanical General Notes, Symbols, Schedules and Abbreviations	M000
16	Shemanske - First Floor Plans - Mechanical	M251
17		
18	Electrical	
19	Communications and Electronic Security General Notes, Symbols and Abbreviations	E000
20	Overall Campus Site Plan - Communications and Electronic Security	E001
21	Shemanske - Lower Level Demolition Plan - Communications and Electronic Security	ED250
22	Shemanske - First Floor Overall Reflected Ceiling Plan	E251
23	Heating Plant Basement Plan - Communications and Electronic Security	E270
24	Shemanske - Enlarged Plans - Power and Lighting	E401
25	Details	E500
26	Details	E501
27	Schedules - Power and Lighting	E600
28	Diagrams – Fiber Optic Cabling Riser	E700
29	Diagrams – Electrical One-Line	E701
30		
31		
32	***	