

1	<b>TABLE OF CONTENTS GPC BIDDERS</b>	<b>(8/2022)</b>	
2			
3	Division Project No. <b>21K2G</b>		
4			
5	<b>DIVISION 1 – GPC BIDDING AND CONTRACT REQUIREMENTS</b>		<b>Pages Thru</b>
6	TITLE PAGE		1
7	TABLE OF CONTENTS		TC-4
8			
9	<b>GPC BIDDING REQUIREMENTS</b>		
10	GPC Invitation to Bid		A-2
11	GPC Instructions to Bidders		B-12
12	Bid Form – General Prime Contractor (GPC)		C-4
13	Sealed Bid Envelope Label		1
14	General Prime Contractor (GPC) Bid Bond Form (DOA-4190)		1
15	Designation of Confidential and Proprietary Information Form (DOA-3027)		1
16			
17	Form A - Affidavit of Compliance – MBE/DVB Provisions (DOA-4266)		2
18	Request for Submittal Approval (DOA-4523)		1
19	Request for Subcontractors Approval (DOA-4225)		1
20			
21	<b>CONTRACT FORMS</b>		
22	Performance Bond 100% Form (DOA-4188)		2
23	Payment Bond 100% Form (DOA-4187)		2
24	Contract Form (DOA-4504)		2
25			
26	<b>CONDITIONS OF THE CONTRACT</b>		
27	Index to General Conditions		1
28	General Conditions of the General Prime Contractor Contract (DOA-4193P)		34
29	Supplementary General Conditions		SGC-1
30	Submittal Log		SL-2
31			
32	<b>DIVISION 01</b>		
33	General Requirements		GR-17
34	01 74 19 Construction Waste Management		01 74 19-4
35	01 91 01 Commissioning Process		01 91 01-4
36			
37			
38	<b><u>SPECIFICATION VOLUME 2</u></b>		
39	<b>DIVISION 02 – EXISTING CONDITIONS</b>		
40	Section Title		
41	02 05 00 Common Work Results for Existing Conditions		02 05 00-4
42	02 32 00 Geo Technical Investigation		02 32 00-46
43	02 41 13 Demolition		02 41 13-5
44			
45			
46	<b>DIVISION 03 - CONCRETE</b>		
47	Section Title		
48	03 30 00 Cast-In-Place Concrete		03 30 00-12
49			
50	<b>DIVISION 05 - METALS</b>		
51	Section Title		
52	05 12 00 Structural Steel Framing		05 12 00-6
53	05 50 16 Miscellaneous Metal for Utilities		05 50 16-2
54			
55	<b>DIVISION 06 – WOOD, PLASTICS AND COMPOSITES</b>		
56	06 10 53.01 Miscellaneous Rough Carpentry – Roofing		06 10 53.01-2
57			
58			

1	<b>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</b>		
2	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23-18
3	07 53 23	Existing Roof Warranty	07 53 23-3
4	07 53 23	Roofing System 5-yr Guarantee	07 53 23-2
5	07 84 00	Fire Stopping	07 84 00-9
6			
7	<b>DIVISION 09 - FINISHES</b>		
8	Section	Title	
9	09 90 00	Painting and Coatings (Professional Line Products)	09 90 00-11
10			
11	<b>DIVISION 22 - PLUMBING</b>		
12	Section	Title	
13	22 05 00	Common Work Results for Plumbing	22 05 00-5
14	22 05 14	Plumbing Specialties	22 05 14-2
15	22 08 00	Commissioning of Plumbing	22 08 00-9
16	22 13 00	Facility Sanitary Sewerage	22 13 00-4
17			
18	<b>DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING</b>		
19	Section	Title	
20	23 05 00	Common Work Results for HVAC	23 05 00-6
21	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-4
22	23 05 14	Variable Frequency Drives	23 05 14-6
23	23 05 15	Piping Specialties	23 05 15-5
24	23 05 23	General Duty Valves for HVAC	23 05 23-5
25	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-7
26	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-4
27	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-5
28	23 07 00	HVAC Insulation	23 07 00-12
29	23 08 00	Commissioning of HVAC	23 08 00-2
30	23 09 14	Pneumatic and Electric Controls	23 09 14-13
31	23 09 15	Direct Digital Control Input/Output Point Summary Tables	23 09 15-4
32	23 09 24	Direct Digital Control System for HVAC (Informational Purposes Only)	23 09 24-13
33	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-22
34	23 21 13	Hydronic Piping	23 21 13-12
35	23 21 23.13	Hydronic Pumps for Utilities	23 21 23.13-7
36	23 25 00	HVAC Water Treatment	23 25 00-7
37	23 31 00	HVAC Ducts and Casings	23 31 00-8
38	23 33 00	Air Duct Accessories	23 33 00-4
39	23 34 00	HVAC Fans	23 34 00-3
40	23 41 00	Particulate Air Filtration	23 41 00-3
41	23 64 15	Water Cooled Chillers	23 64 15-22
42	23 65 00	Cooling Towers	23 65 00-5
43			
44	<b>DIVISION 26 - ELECTRICAL</b>		
45	Section	Title	
46	26 05 00	Common Work Results for Electrical	26 05 00-7
47	26 05 02	Electrical Demolition for Remodeling	26 05 02-2
48	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-2
49	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-4
50	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
51	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-3
52	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
53	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-8
54	26 05 53	Identification for Electrical Systems	26 05 53-3
55	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	26 05 73-5
56	26 08 00	Commissioning of Electrical	26 08 00-29
57	26 24 13	Switchboards	26 24 13-3

1	26 24 16	Panelboards	26 24 16-3
2	26 27 26	Wiring Devices	26 27 02-3
3	26 27 28	Disconnect Switches	26 27 28-2
4	26 28 13	Fuses	26 28 13-1
5	26 29 00	Low-Voltage Controllers	26 29 00-3
6	26 56 29	Site Lighting	26 56 29-4
7			
8	<b>DIVISION 27 - COMMUNICATIONS</b>		
9	Section	Title	
10	27 05 53	Identification for Communication Systems	27 05 53-4
11	27 08 00	Commissioning of Communication	27 08 00-13
12	27 10 00	Structured Cabling	27 10 00-16
13			
14	<b>DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK</b>		
15	Section	Title	
16	30 05 00	Common Work Results for all Exterior Work	30 05 00-4
17			
18	<b>DIVISION 31 - EARTHWORK</b>		
19	Section	Title	
20	31 10 00	Site Clearing	31 10 00-2
21	31 13 16	Selective Tree and Shrub Protection and Trimming	31 13 16-7
22	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-4
23	31 23 16.13	Trenching	31 23 16.13-10
24	31 23 19	Dewatering	31 23 19-3
25	31 25 00	Erosion Control	31 25 00-4
26	31 41 16	Sheet Piling	31 41 16-4
27			
28	<b>DIVISION 32 – EXTERIOR IMPROVEMENTS</b>		
29	Section	Title	
30	32 11 23.33	Dense Graded Base	32 11 23.33-3
31	32 12 16.13	Plant Mix Asphalt Paving	32 12 16.13-3
32	32 91 13	Soil Preparation	32 91 13-4
33	32 92 00	Plants	32 92 00-8
34	32 92 23	Sodding	32 92 23-3
35			
36	<b>DIVISION 33 - UTILITIES</b>		
37	Section	Title	
38	33 11 00	Water Utility Distribution Piping	33 11 00-5
39	33 61 13	Chilled Water and Condenser Water Utilities	33 61 13-15
40			
41	<b>DRAWINGS – Bound Separately</b>		
42	Title		Sheets Thru
43			
44	Title Sheet		T000
45	Project Sheet Index		T001
46			
47	Demolition – Roof		A101
48	New Work Plan – Roof		A201
49			
50	General Notes and Abbreviations		C000
51	Chilled Water Utility Site Plan New Construction		C001
52	Topographic Site Map		C002
53	Site Demolition Plan		C003
54	Staging and Pedestrian Control Plan		C100
55	Site Erosion Control Plan		C150
56	Overall Campus Chilled Water Distribution Plan		C300
57	Chilled Water Site Plan and Profile		C310

1	Chilled Water Site Plan and Profile	C311
2	Chilled Water Site Plan and Profile	C312
3	Chilled Water Site Plan and Profile	C313
4	Chilled Water Details	C350
5	Site Layout and Grading Plan	C800
6	Site Material Plan	C801
7	Site Details	C810
8	Planting Plan	C900
9	Planting Details	C901
10		
11	Structural Notes	S001
12	Foundation Plan	S100
13	Mezzanine Level New Construction Plan	S201
14	Roof Level New Construction Plan	S203
15	Upper Roof Level New Construction Plan	S204
16	Details	S800
17		
18	Plumbing Cover Sheet and Plan	P000
19		
20	Mechanical Notes, Symbols, and Abbreviations	M000
21	Operating Level Demolition Plan	M100
22	Mezzanine Level Demolition Plan	M101
23	Upper Mezzanine Level Demolition Plan	M102
24	Roof Level Demolition Plan	M103
25	Upper Roof Level Demolition Plan	M104
26	Operating Level New Construction Plan	M200
27	Mezzanine Level New Construction Plan	M201
28	Upper Mezzanine Level New Construction Plan	M202
29	Roof Level New Construction Plan	M203
30	Upper Roof Level New Construction Plan	M204
31	Mechanical Sections	M300
32	Mechanical Sections	M301
33	Overall Campus Chilled Water Building Schematics	M400
34	Chilled Water P&ID	M401
35	Chemical Treatment P&ID	M402
36	Ventilation P&ID	M403
37	Refrigerant Monitoring Diagram	M404
38	Mechanical Details	M500
39	Mechanical Details	M501
40	Mechanical Details	M502
41	Mechanical Schedules	M600
42		
43	Symbols, Abbreviations and Sheet Index	E000
44	Electrical Site Plan	E010
45	Operating Level Demolition Plan	E100
46	Operating Level New Construction Plan	E200
47	Upper Mezzanine New Construction Plan	E201
48	Roof Level New Construction Plan	E203
49	Upper Roof Level New Construction Plan	E204
50	One Line Symbols	E400
51	One Line Diagram	E401
52	One Line Diagram	E402
53	Electrical Details	E500
54		
55		
56		
57		