Accelerator Department
BROOKHAVEN NATIONAL LABORATORY
Associated Universities, Inc.

AGS DIVISION TECHNICAL NOTE

No. 10

J.C. Schuchman
February 3, 1966

SURVEY OF AVAILABLE BELLOWS SEALED VACUUM VALVES

I. Gate Valves (all metal) Bellows Sealed, S/S

<u>Mfg.</u>	<u>Nom. Size</u>	<u>Seal Material</u>		<u>Price</u>	
		<u>Bonnet</u>	<u>Seat</u>	<u>Manual</u>	<u>Automatic</u>
Vacuum Eng'rg Co.	1"	Alum.	OFHC Cu	\$995/1145	--
	2	O-Ring	or Lead	\$1825/2075	--
	4	"		\$3500/3850	plus
	6	"		\$4985/5360	\$3000/3500
	12	"		\$12,900/13,380	--
High Voltage Eng'rg	4	Gold	OFHC Cu	\$3600	--
	6	"	"	\$7660	--
Arco	2	--	--	--	\$1875
	4	--	--	--	~ \$2500
	6	--	Gold	--	\$6400
Whittaker Corp.	4	Alum.	OFHC Cu	--	\$3750
	6	foil	"	--	\$5800
	12	"	"	--	\$10,000

II. Gate Valves (Elastomer Seal) Bellows Sealed, S/S

Whittaker Corp.	2	Alum.	Viton	\$690	--
	3	foil	"	\$765	--
	5	"	"	\$895	--
	6	"	"	\$1590	--
	12	"	"	\$2995	--

II. Gate Valves (Elastomer Seal) Bellows Sealed, S/S

<u>Mfg.</u>	<u>Nom. Size</u>	<u>Seal Material</u>		<u>Price</u>	
		<u>Bonnet</u>	<u>Seat</u>	<u>Manual</u>	<u>Automatic</u>
CHA	2	Viton	Viton	\$745	\$ 745
	4	"	"	930	930
	6	"	"	1240	1282
	10	"	"	2160	2160
Varian	4	"	"	1250	--
	6	"	"	1250	--
Ultek	6	"	"	975	1500

III. Angle Valves, Bellows Sealed, S/S

Granville Phillips Co.	4	Welded	OFHC Cu	\$2443	--
	6	"	"	3280	--
West'hse Electric Corp.	4	Viton	Viton	625	--
	6	"	"	928	--
Varian	1½	Cu	Cu	375	--
	2½	"	"	850	--
	4	"	"	1950	--
	1	Viton	Viton	235	--
	1½	"	"	275	--
	2½	"	"	550	--
	4	"	"	750	--
	6	"	"	950	--
Ultek	1	Cu	Viton	195	--
	2	"	"	345	--
	3	"	"	495	--

JCS/hm
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Distribution: J.P. Blewett, V. Buchanan, R. Dryden, C. Flatau, C. Gould,
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