



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: July 16, 2013

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Approval Of Equipment Standardization List For The Water Resources Division

RECOMMENDATION:

That Council find it to be in the City's best interest to approve an Equipment Standardization List for the Water Resources Division for the next three-year period, in accordance with Section 4.52.070 (L) of the Municipal Code.

DISCUSSION:

The Water Resources Division operates a number of complex facilities. These include treatment plants, reservoirs, pump stations, lift stations, and related appurtenances. It is in the City's best interest for Water Resources to standardize equipment commonly used to support and maintain these facilities, because it minimizes the need to train staff on the installation, maintenance and use of a wide variety of equipment. It also reduces the need to stock an array of specialized tools, and minimizes parts inventories necessary for equipment maintenance. Standardizing also provides better response times for making repairs and responding to emergencies, resulting in improved performance and reliability of the City's Water Resources facilities.

Section 4.52.070 (L) of the Municipal Code authorizes Council to purchase supplies, equipment and services without complying with the formal bid procedure, when it is found to be in the best interest of the City. Council last approved an update to the Water Resources Equipment Standardization List on March 8, 2011, for a period of five years. With changing technologies, evolving industry standards, and changes in equipment availability, staff is returning to Council to recommend approval of the attached Equipment Standardization List for the Water Resources Division for the next three years.

BUDGET/FINANCIAL INFORMATION:

Water Resources expenditures on the equipment shall not exceed the amounts that Council has approved in the budget. Standardizing commonly used equipment should

reduce costs by reducing inventories, training of staff, and the need for specialized tools to work on a wide variety of equipment.

ATTACHMENT(S): Water Resources Equipment List, dated July 1, 2013

PREPARED BY: Catherine Taylor, Water System Manager/CT/mh

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office

Water Resources Standard Equipment List
July 1, 2013

Attachment

No.	Equipment
1	EIM electric valve operators
2	Rotork electric valve actuators
3	Marsh McBirney insertion flow meters
4	Rosemount pressure transmitters
5	Rosemount differential pressure transmitters
6	Watson Marlow chemical metering pumps (peristaltic)
7	Peerless Pump horizontal centrifugal pumps
8	Borger rotary lobe pumps
9	Hayward PVC ball valves
10	George Fisher plastic body diaphragm valves
11	Guardian Equipment emergency eyewash and shower equipment
12	Phoenix non-fused terminal blocks
13	Phoenix fused terminal blocks
14	Square D control relays
15	Phoenix intrinsically safe relays
16	Square D variable frequency drive pump motor controllers 60-500 Hp
17	Square D dry type transformers
18	Schneider Electric/Square D surge protection devices
19	Schneider Electric/Square D disconnect switches
20	Square D low voltage molded case circuit breakers
21	Square D low voltage molded case circuit motor circuit protectors
22	Square D motor starters (manual)
23	Square D full voltage magnetic motor starters
24	Square D reduced voltage solid-state motor starters
25	Schneider Electric/Square D low voltage switch gear
26	Schneider Electric/Square D low voltage motor control centers
27	Schneider Electric/Square D panelboards
28	Bussmann low voltage fuses
29	Micro Motion coriolis mass flowmeters
30	Rosemount pressure/vacuum measurement diaphragm seals
31	Rosemount pressure/vacuum measurement instrument manifold valves
32	Rosemount pressure/vacuum measurement direct
33	HACH analytical measurement pH
34	HACH residual ozone analyzers
35	Hach Colorimeters
36	APC control systems uninterruptible power supplies 10 KVA and below
37	Cisco ethernet switches
38	Cisco process floor ethernet switches
39	Cisco unmanaged ethernet switches
40	Cisco routers
41	Phoenix contact copper to fiber transceiver
42	Phoenix 3 port fiber transceiver
43	Cisco category 5e patch panels
44	Cisco category 6 patch panels
45	Hoffman networking PC cabinets
46	Control Logix control systems - PLC programming software
47	Square D Co. - VFD pump motor controller 0.5-50 hp
48	Siemens-Robicon VFD pump motor controller 60-500 hp
49	Tomco CO ₂ system components
50	Wedeco O ₃ system components
51	Grifco calibration and chemical feed components
52	US Filter chemical feed pumps
53	Wallace and Tiernan PCUs ,controllers and Encore 700 feeder components

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54	MSA Altair 4x multi gas detectors
No.	Equipment
55	Fluid Dynamics dry and liquid polymer systems
56	Ashbrook belt filter press
57	De Zurik process valves
58	Henry Pratt process valves
59	Polychem non-metallic chain and flight sludge collection system
60	Quincy air compressor
61	Pioneer pumps
62	Gardner Denver blowers
63	Landa pressure washers (hot water)
64	Lightrin/SPX mixers
65	Flygt Pumps
66	SPS mixers
67	Caterpillar generators
68	Allen Bradley Program Logic Controllers
69	Siemens ultrasonic level indicator
70	HACH chlorine analyzers
71	HACH turbidity meters
72	HACH dissolved oxygen probes
73	Rosemount magnetic flow meters
74	Rosemont pressure transmitters
75	Keller / KPSI level transducers
76	Murphy pressure switches
77	MDS data radios (Microwave Data Systems)
78	Phoenix industrial computers
79	Phoenix 24V and 12V power supplies
80	Hoffman enclosures
81	Allen Bradley VFD pump controller 40 - 150 Hp
82	Rosemount differential flow meters
83	Sensus water meters (5/8")
84	Allen Bradley variable frequency drives
85	Phoenix high density relays
86	APC uninterruptible power supply (American Power Conversion)
87	LMI chemical feed pumps
88	Cole Palmer peristaltic pumps
89	Industrial Scientific gas detectors
90	Siemens / Milltronics Hydroranger Level Sensor
91	Metron water meters (1" and larger)
92	Pratt isolation valves
93	Cla-Val pressure reducing valves
94	James Jones Fire Hydrants
95	Armorcast meter boxes
96	Crane valves
97	De Zurik plug valve
98	Itron / Encode with Intergral Connector ERW-1300 (100W)
99	Itron / Handhelds FC-300
100	Itron / Handheld Software (MVRs-C)
101	Itron / Charging Stations
102	Sensus water meters (Aqua Metric Recycle Meters)
103	3T Equipment Co. Distributor for RS Technical Sewer Main CCTV Camera and Track Motor Parts and Accessories.
104	ABS Pumps
105	APC - American Power Company, UPS - Uniteruptible Power Supply Units

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106	Ashbrook Simon-Hartley Winkelpress
No.	Equipment
107	Cornell Pumps
108	DELL Servers, Computers and Screens
109	Delroyd-Nuttall Gear LLC, Gear Reducers
110	Door-Oliver, Gear Reducers
111	Eimco Gear Reducers
112	Envirex Chain and Scrapper Sludge Collector Systems: <ul style="list-style-type: none"> - Bearing Sleeve Band Clamps - Drive Chains - Drive Sprockets - Flight Chains - Flight Chain Holder Attachments - Flight Chain Pins - Flight Squeegee Assembly - Flights Sigma Plus 3"x 8"x 238" - Free Spinner Sprocket Bearing Sleeve Assembly - Free Spinner Sprocket Stub Shafts Assembly - Free Spinner Sprockets 23 Tooth - Head Shaft Bearing Assembly - Head Shaft Keyed Sprockets 23 Tooth - Head Shaft Keyed Sprockets 40 Tooth - Idler Sprockets - Jaw Clutch's - Railing Track Brackets - Secondary Scum Skimmer Assembly - Spacers Blocks - Upper, Lower, Curved Railing Track - Wear Shoes (Forward, Return and Guide) - Wear Strips (Floor & Railings)
113	Envirex Primary Scum Skimmers Assembly (Bearings, Shafts, Scrapers)
114	Fairbanks and Morse Pumps
115	FCI Gas/Air Flow Meters
116	Flowserve Pumps
117	Fluid Dynamics / DynaJet Dry Polymer System
118	FLUKE Instruments, Multimeters, Milliampmeters
119	Flygt ITT Industries Inc Pumps/Xylem
120	FMC Corporation Grit System
121	Fontaine Valves
122	GMS Filtration - Belt Press Belts
123	Godwin Pumps/Xylem
124	Haaker Equipment Co. - distributor for Envirosight Quickview CCTV inspection pole camera equipment.
125	Headworks Screens
126	Huber Washer Compactor/JDV Equipment Corp
127	Hydromatic Pumps
128	Ingersoll Rand Plant Air Compressors
129	ISCO Samplers
130	Kato Generator
131	Koyo PLC's
132	Landia Mixers
133	Link-Belt Gear Speed Reducer
134	Matticks Industries Supply Exhaust Fans
135	Met-Pro Environmental Air Solution / Duall, Air Scrubbers
136	Milliken Valves

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137	Milroyal Pumps
No.	Equipment
138	Modicon Quantum Program Logic Controller
139	Moyno Pumps
140	MSA Gas Monitoring Sensors
141	Netzsch, North American LLC - Nemo Pumps
142	Olympian Generator
143	Ovivo After Market Group (Eimco rep) Heat Exchangers
144	Pacific Tek Screening Removal System
145	Parkson Corporation Conveyor Systems
146	Patterson Pump Division Pumps
147	Peabody Floway Pumps
148	Poly Processing Tanks
149	Polytech Corporation Secondary Scum Collector: - Rotating pipe Scum Collectors Assembly - Worm Gears - Ring Gears - Seals - Seal Clamps - Skimmer Tubes - Wall Bearings - Wall Bear Plates
150	Power Prime Pump
151	Pro Quip Inc, Gear Reducers
152	Red Valve Company Valves
153	Reliance (Variable Freq Drive) WAS, RAS
154	Roots Dresser, Blowers
155	Rosemont -Radar Level Monitoring
156	Rosemount Radar Level Sensors
157	RS Technical - Sewer Main CCTV Camera and Track Motor
158	Serpentix Corporation Conveyor Systems
159	Siemens Ultrasound Level Sensors
160	Siemens Variable Frequency Drives
161	Smith and Loveless Pumps
162	Sonic Wall VPN/LS Routers
163	Tarby Pumps
164	Taylor Dunn Electric Carts
165	Telemecaniques - ALTIVAR Variable Frequency Drive Pump Motor Controllers
166	Turblex Inc, Blowers
167	US Filter, Poly Blend Pumps
168	US Gearmotors Series 3000 - Emerson Gear Reducers
169	Varec Gas System
170	Vaughan Company, INC Pumps
171	Wallace & Tiernen Chlorine Residual Analyzers/Siemens
172	Wemco Pumps
173	Westinghouse-Cuttler Hammer MCC's