



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** November 22, 2016

**TO:** Mayor and Councilmembers

**FROM:** Water Resources Division, Public Works Department

**SUBJECT:** Approval Of Standard Equipment List For The Water Resources Division

**RECOMMENDATION:**

That Council find it to be in the City's best interest to approve the Standard Equipment List for the Water Resources Division for the next three years, 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, laboratory equipment, and related components. It is in the City's best interest to standardize on equipment commonly used to support and maintain these facilities. Standardizing on commonly used equipment lowers costs by reducing inventories, minimizing both the training of staff on various pieces of equipment and the need to stock specialized tools to work on a wide variety of equipment. Standardizing on equipment also provides better response times for making repairs and responding to emergencies, which results in improved performance and reliability of the City's Water Resources facilities.

All of the items on the Standard Equipment List were either originally approved by Council as a Sole Source item; or were originally selected through a competitive bidding process; or can be procured from multiple vendors. As a result, many of the supporting infrastructure configurations were designed to accommodate the specific equipment on the Standard Equipment List. It is easier and more cost effective for staff to replace equipment in kind, rather than having to redesign mechanical systems to accommodate "non-standard" equipment.

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 Standard Equipment List on June 21, 2016. Unfortunately, the list submitted for approval was incomplete and missing some critical equipment necessary for the

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operation of the City's water and wastewater facilities. Staff is returning to Council to recommend approval of the updated Standard Equipment List for the next three years, and it will expire on November 22, 2019 (see Attachment).

**BUDGET/FINANCIAL INFORMATION:**

Water Resources expenditures on the Standard Equipment List shall not exceed the amounts that Council has approved in the budget.

**ATTACHMENT:** Water Resources Standard Equipment List

**PREPARED BY:** Catherine Taylor PE, Water System Manager/cmw

**SUBMITTED BY:** Rebecca J. Bjork, Public Works Director

**APPROVED BY:** City Administrator's Office

## Water Resources Standard Equipment List

Expires 11/22/2019

No.	Equipment
1	<sup>a</sup> Allen Bradley Program Logic Controllers, VFDs & Electrical Equipment
2	<sup>a</sup> Auma Electric Valve Actuators
3	<sup>a</sup> Borger rotary lobe pumps
4	<sup>a</sup> Caterpillar generators
5	<sup>a</sup> Control Logix control systems - PLC programming software
6	<sup>a</sup> EIM electric valve operators
7	<sup>a</sup> GSM Filtration - Belt Press Belts
8	<sup>a</sup> Grifco calibration and chemical feed components
9	<sup>a</sup> Hach Analytical Instrumentation
10	<sup>a</sup> Hayward PVC ball valves
11	<sup>a</sup> Landa pressure washers (hot water)
12	<sup>a</sup> MDS data radios (Microwave Data Systems)
13	<sup>a</sup> Micro Motion coriolis mass flowmeters
14	<sup>a</sup> Olympian Generator
15	<sup>a</sup> Perkin Elmer - Laboratory products and services
16	<sup>a</sup> Phoenix Electrical and Industrial Equipment
17	<sup>a</sup> Pioneer pumps
18	<sup>a</sup> Process Solutions, Inc - On-Site Hypochlorite Generation
19	<sup>a</sup> Red Valve Company Valves
20	<sup>a</sup> Rosemount Process Monitoring Equipment and Instrumentation
21	<sup>a</sup> Rotork electric valve actuators
22	<sup>a</sup> Shimadzu Company - Analytical Instruments
23	<sup>a</sup> Siemens Process Monitoring Equipment and Instrumentation
24	<sup>a</sup> Smith and Loveless Pumps
25	<sup>a</sup> Tarby Pumps
26	<sup>a</sup> Thermo Dionex - Laboratory Instrumentation
27	<sup>a</sup> Vaughan Company, Inc. - Pumps
28	<sup>a</sup> Watson Marlow chemical metering pumps (peristaltic)
29	<sup>b</sup> Pro Quip Inc, Gear Reducers
30	<sup>b</sup> Turblex Inc, Blowers
31	<sup>b</sup> Varec Gas System
32	<sup>b</sup> Wemco Pumps
33	<sup>b</sup> Wonderware SCADA Software
34	<sup>b</sup> Teledyne / ISCO Samplers
35	<sup>b</sup> Industrial Scientific gas detectors

<sup>a</sup> Originally selected by Council Approval as a Sole Source item

<sup>b</sup> Originally selected through a competitive bidding process

<sup>c</sup> Has multiple distributors

## Water Resources Standard Equipment List

No.	Equipment
36	<sup>b</sup> Armorcast meter boxes
37	<sup>b</sup> Master Meter ultrasonic water meter (3-inch and larger)
38	<sup>b</sup> Metron water meters (1" and larger)
39	<sup>b</sup> Sensus Water Meters
40	<sup>b</sup> Badger Water Meters
41	<sup>b</sup> Itron / Charging Stations
42	<sup>b</sup> Itron / Encode with Intergral Connector ERW-1300 (100W)
43	<sup>b</sup> Itron / Handheld Software (MVRS-C)
44	<sup>b</sup> Itron / Handhelds FC-300
45	<sup>b</sup> 3T Equipment Co. Distributor for wastewater collection parts and equipment.
46	<sup>b</sup> ABS Pumps
47	<sup>b</sup> Amiad Self Cleaning Strainers
48	<sup>b</sup> Ashbrook Simon-Hartley Belt Filter Presses
49	<sup>b</sup> Atlas Copco Compressors
50	<sup>b</sup> Cornell Pumps
51	<sup>b</sup> Delroyd-Nuttall Gear LLC, Gear Reducers
52	<sup>b</sup> DeZurik process valves
53	<sup>b</sup> Door-Oliver, Gear Reducers
54	<sup>b</sup> Eaton / Westinghouse / Cuttler Hammer Electrical Equipment
55	<sup>b</sup> Eimco Gear Reducers
56	<sup>b</sup> Envirex Chain and Scraper Sludge and Scum Collector Systems
57	<sup>b</sup> Fairbanks and Morse Pumps
58	<sup>b</sup> FCI Gas/Air Flow Meters and Switches
59	<sup>b</sup> Flowserve Pumps
60	<sup>b</sup> Fluid Dynamics dry and liquid polymer systems
61	<sup>b</sup> Flygt ITT Industries Inc Pumps/Xylem
62	<sup>b</sup> FMC Corporation Grit System
63	<sup>b</sup> Fontaine Valves
64	<sup>b</sup> Gardner Denver blowers
65	<sup>b</sup> Godwin Pumps/Xylem
66	<sup>b</sup> Haaker Equipment Co. - distributor for EnviroSight Quikview CCTV inspection equipment.
67	<sup>b</sup> Headworks Screens
68	<sup>b</sup> Henry Pratt process valves
69	<sup>b</sup> Huber Washer Compactor
70	<sup>b</sup> JDV Equipment Corp - Shaftless Screw Conveyor
71	<sup>b</sup> Lancer - Laboratory Washer

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No.	Equipment
72	<sup>b</sup> LandAirSea - distributor for ww collection GPS devices and replacement parts
73	<sup>b</sup> Landia Mixers
74	<sup>b</sup> Lightnin/SPX mixers
75	<sup>b</sup> Market Forge - sterilizer/autoclave
76	<sup>b</sup> McCrometer Insertion flow meters
77	<sup>b</sup> Met-Pro Environmental Air Solution / Duall, Air Scrubbers
78	<sup>b</sup> Mettler Toledo - Analytical Instruments and Balances
79	<sup>b</sup> Milliken Valves
80	<sup>b</sup> Mission Communication - distributor for manhole level sensor devices and replacement parts
81	<sup>b</sup> Moyno Pumps
82	<sup>b</sup> Netzsch, North American LLC - NemoPumps
83	<sup>b</sup> Ovivo After Market Group (Eimco rep) Heat Exchangers
84	<sup>b</sup> Parkson Corporation Conveyor Systems
85	<sup>b</sup> Peabody FlowwayPumps
86	<sup>b</sup> Peerless Pumps
87	<sup>b</sup> Poly Processing Tanks
88	<sup>b</sup> Polychem non-metallic chain and flight sludge collection system
89	<sup>b</sup> Polytech Corporation Secondary Scum Collectors And Assemblies
90	<sup>b</sup> Pratt isolation valves
91	<sup>b</sup> Quincy air compressor
92	<sup>b</sup> Reliance (Variable Freq Drive) WAS, RAS
93	<sup>b</sup> Roots Dresser, Blowers
94	<sup>b</sup> RS Technical - Sewer Main CCTV Camera and Track Motor parts and equipment
95	<sup>b</sup> Serpentix Corporation Conveyor Systems
96	<sup>b</sup> Siemens-Robicon VFDs
97	<sup>b</sup> Singer Valves
98	<sup>b</sup> SPS mixers
99	<sup>b</sup> Syneco Systems Air Scrubber
100	<sup>b</sup> Thompson Pumps
101	<sup>b</sup> Tomco CO <sub>2</sub> system components
102	<sup>b</sup> US Filter chemical feed pumps
103	<sup>b</sup> US Motors
104	<sup>b</sup> Verderflex Peristaltic Pumps
105	<sup>b</sup> Wedeco O <sub>3</sub> system components
106	<sup>b</sup> Wigen UF Filters - DOW Ultrafiltration Modules
107	<sup>c</sup> APC - American Power Co; UPS - Uninterruptible Power Supply Units

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No.	Equipment
108	<sup>c</sup> ASCO transfer switch
109	<sup>c</sup> Bussmann low voltage fuses
110	<sup>c</sup> Cisco Networking Equipment
111	<sup>c</sup> Cla-Val pressure reducing valves
112	<sup>c</sup> Cole Palmer peristaltic pumps
113	<sup>c</sup> Crane valves
114	<sup>c</sup> DELL Servers, Computers and Screens
115	<sup>c</sup> ENZ USA- Bulldog nozzles
116	<sup>c</sup> FLUKE Instruments, Multimeters, Milliampmeters
117	<sup>c</sup> George Fisher plastic body diaphragm valves
118	<sup>c</sup> Guardian Equipment emergency eyewash and shower equipment
119	<sup>c</sup> Hoffman enclosures
120	<sup>c</sup> Hydromatic Pumps
121	<sup>c</sup> Ingersoll Rand Plant Air Compressors
122	<sup>c</sup> In-Situ Level Transducers and Controllers
123	<sup>c</sup> James Jones Fire Hydrants
124	<sup>c</sup> Kato Generator
125	<sup>c</sup> Keller / KPSI level transducers
126	<sup>c</sup> Koyo PLC's
127	<sup>c</sup> Limitorque electric valve actuator
128	<sup>c</sup> Link-Belt Gear Speed Reducer
129	<sup>c</sup> LMI chemical feed pumps
130	<sup>c</sup> Matticks Industries Supply Exhaust Fans
131	<sup>c</sup> MSA Gas Monitoring Systems
132	<sup>c</sup> Murphy pressure switches
133	<sup>c</sup> Power Prime Pump
134	<sup>c</sup> Stoneage Warthog nozzles
135	<sup>c</sup> Schneider Electric/Square D Electrical Equipment
136	<sup>c</sup> Sonic Wall VPN/LS Routers
137	<sup>c</sup> Taylor Dunn Electric Carts
138	<sup>c</sup> Ubiquity Networking Radios
139	<sup>c</sup> US Gearmotors Series 3000 - Emerson Gear Reducers

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