



Agenda Item No. _____

File Code No. 540.01

CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 8, 2011

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Approval Of Equipment Standardization

RECOMMENDATION:

That Council find it to be in the City's best interest to approve equipment standardization for the Water Resources Division (Water Resources) for the next five-year period, in accordance with Section 4.52.070 (k) and (l) of the Municipal Code.

DISCUSSION:

Water Resources 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 on equipment commonly used to support and maintain these facilities. Doing so 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 provides better response time with making repairs and responding to emergencies, resulting in improved performance and reliability of the City's Water Resources facilities. Council previously approved a Standard Equipment list on June 29, 2010. This action updates the Standard Equipment list.

Section 4.52.070 (k) and (l) of the Municipal Code authorizes Council to purchase supplies, equipment and services without complying with the formal bid procedure when it is found that the goods and services are only available from one source and that purchasing these goods or services is in the best interest of the City. Staff recommends that Council approve the attached list of equipment as standard for Water Resources for a period of five years. At the meeting of February 14, 2011, the Water Commission voted 5/0 to concur with staff's recommendation.

BUDGET/FINANCIAL INFORMATION:

Water Resources expenditures on the equipment listing (see Attachment) shall not exceed amounts Council has approved in the budget. Standardizing on 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: Water Resources Equipment Lists dated March 8, 2011

PREPARED BY: Chris Toth, Wastewater System Manager/CJT/mh

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office

Water Resources Standard Equipment List

El Estero Wastewater Treatment Plant - March 8, 2011

No.	Equipment	Section
1	ABS Pumps	EEWWTP
2	Allen Bradley Program Logic Controllers	EEWWTP
3	Ashbrook Simon-Hartley Winkelpress	EEWWTP
4	Caterpillar Engine Generator Set	EEWWTP
5	Cisco Process Floor Ethernet Switches	EEWWTP
6	Cisco Routers	EEWWTP
7	Cornell Pumps	EEWWTP
8	Crane Valves	EEWWTP
9	De Zurik plug valve	EEWWTP
10	Delroyd-Nuttall Gear LLC, Gear Reducers	EEWWTP
11	Door-Oliver, Gear Reducers	EEWWTP
12	Eimco Gear Reducers	EEWWTP
13	Envirex Chain and Scrapper Sludge Collector Systems: - 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)	EEWWTP
14	Envirex Primary Scum Skimmers Assembly (Bearings, Shafts, Scrapers)	EEWWTP
15	Fairbanks and Morse Pumps	EEWWTP
16	FCI Gas/Air Flow Meters	EEWWTP
17	Flowserve Pumps	EEWWTP
18	Fluid Dynamics / DynaJet Dry Polymer System	EEWWTP
19	Flygt ITT Industries Inc Pumps	EEWWTP
20	Flygt Pumps	EEWWTP
21	FMC Corporation Grit System	EEWWTP
22	Fontaine Valves	EEWWTP
23	Godwin Pumps	EEWWTP
24	HACH dissolved oxygen probes	EEWWTP
25	HACH turbidity meters	EEWWTP

Water Resources Standard Equipment List

El Estero Wastewater Treatment Plant - March 8, 2011

No.	Equipment	Section
26	Hydromatic Pumps	EEWWTP
27	Ingersoll Rand Plant Air Compressors	EEWWTP
28	JWC Environmental, Screening Removal System	EEWWTP
29	Kato Generator	EEWWTP
30	Koyo PLC's	EEWWTP
31	Landia Mixers	EEWWTP
32	Link-Belt Gear Speed Reducer	EEWWTP
33	LMI Chemical Pumps	EEWWTP
34	Matticks Industries Supply Exhaust Fans	EEWWTP
35	Met-Pro Environmental Air Solution / Duall, Air Scrubbers	EEWWTP
36	Milliken Valves	EEWWTP
37	Milroyal Pumps	EEWWTP
38	Modicon Quantum Program Logic Controller	EEWWTP
39	Moyno Pumps	EEWWTP
40	MSA Gas Monitoring Sensors	EEWWTP
41	Olympian Generator	EEWWTP
42	Ovivo After Market Group (Eimco rep) Heat Exchangers	EEWWTP
43	Pacific Tek Screening Removal System	EEWWTP
44	Parkson Corporation Conveyor Systems	EEWWTP
45	Patterson Pump Division Pumps	EEWWTP
46	Peabody Floway Pumps	EEWWTP
47	Poly Processing Tanks	EEWWTP
48	Polytech Corporation Secondary Scum Collector: <ul style="list-style-type: none"> - Rotating pipe Scum Collectors Assembly - Worm Gears - Ring Gears - Seals - Seal Clamps - Skimmer Tubes - Wall Bearings - Wall Bear Plates 	EEWWTP
49	Power Prime Pump	EEWWTP
50	Pro Quip Inc, Gear Reducers	EEWWTP
51	Red Valve Company Valves	EEWWTP
52	Roots Dresser, Blowers	EEWWTP
53	Rosemont pressure transmitters	EEWWTP
54	Rosemont -radar level monitoring	EEWWTP
55	Rosemount magnetic flow meters	EEWWTP
56	Rosemount Radar Level Sensors	EEWWTP
57	Rotork Actuators	EEWWTP
58	Serpentix Corporation Conveyor Systems	EEWWTP
59	Siemens Ultrasound Level Sensors	EEWWTP
60	Smith and Loveless Pumps	EEWWTP
61	Sonic Wall VPN/LS Routers	EEWWTP
62	Tarby Pumps	EEWWTP
63	Taylor Dunn Electric Carts	EEWWTP
64	Telemecaniques - variable frequency drive pump motor	EEWWTP
65	Turblex Inc, Blowers	EEWWTP
66	U.S. Filter - Wallace & Tiernan residual chlorine analyzers	EEWWTP

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El Estero Wastewater Treatment Plant - March 8, 2011

No.	Equipment	Section
67	US Filter, Poly Blend Pumps	EEWWTP
68	US Gearmotors Series 3000 - Emerson Gear Reducers	EEWWTP
69	Varec Gas System	EEWWTP
70	Vaughan Company, INC Pumps	EEWWTP
71	Wallace & Tiernen Chlorine Residual Analyzers	EEWWTP
72	Wemco Pumps	EEWWTP
73	RS Technical - Sewer Main CCTV Camera and Track Motor	Collection

Water Resources Standard Equipment List

Cater Water Treatment Plant - March 8, 2011

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

