

This matter is part of your consent agenda, if discussion is desired the item should be pulled and a motion made.

POSSIBLE MOTION

I MOVE TO approve disposal of surplus equipment and material remaining from Blue Lake Hydroelectric Expansion Project as identified in Attachment A.

Note: All costs or revenue for disposal and/or sale will be charged or credited accordingly Capital Project No. 90594.



Memorandum

April 2, 2015

To: Mark Gorman, Municipal Administrator
From: Christopher Brewton, Utility Director
Subject: **Material Disposal – Blue Lake Hydroelectric Expansion Project**

Request:

I request Assembly approval to dispose of surplus equipment and material remaining from the Blue Lake Hydroelectric Expansion Project as identified in Attachment (A).

Background:

§18.08.020 (B) of the Sitka General Code requires prior Assembly approval for disposal of any personal property valued at more than \$25,000 and after competitive bid. The remaining material and equipment from the Blue Lake project consist of a wide variety of very specialized equipment, such as turbine generators, transformers, exciters, switchgear, and penstocks.

Because hydroelectric generation equipment is designed and built for a specific application, determining market value and finding a market or buyer for these materials will be difficult. Simple scrap value of the steel, copper, and aluminum will be a tiny fraction of the value of this equipment if it is disposed as scrap versus reutilization at another hydro site. Transportation costs alone to ship these very heavy items from Sitka would more than likely cost more than the value of the scrap itself.

Analysis:

To minimize administrative costs in bringing each item to the Assembly for approval, I request blanket approval to dispose of all surplus materials remaining from the Blue Lake Expansion project with appropriate updates to the Assembly identifying progress with material disposal.

Fiscal Note:

All costs or revenue for disposal and/or sale of Blue Lake material will be charged or credited accordingly to the Blue Lake Hydroelectric Expansion Capital Project No. 90594.

Cc: Retha Winger, Contract Coordinator
Erin Clay, Regulatory /Environmental Engineer
Joey Patel, Grant Accountant
Jay Sweeney, CFAO

BLUE LAKE PROJECT EQUIPMENT DISPOSAL LIST

4/2/2013

LOCATION	EQUIPMENT	DESCRIPTION	BRAND	MODEL	SERIAL #	PART #	INPUT	OUTPUT	PHASE	HZ	KVA	OTHER
GPIP	PENSTOCK PIPE (LEAD PAINT)	~160' STEEL PIPE (GPIP)										
BY WT BUILDING	PENSTOCK PIPE (LEAD PAINT)	~40' STEEL PIPE (BY WT BUILDING)										
GPIP	PENSTOCK VALVES	MISC. STEEL VALVES & PIPES										
OLD PH	POWER VAC CIRCUIT BREAKER	FEEDER #2 4160V	GENERAL ELECTRIC	VB1 4.16-350-2	0339A9135-002-01							
OLD PH	POWER VAC CIRCUIT BREAKER	FISH VALVE HYDRO	GENERAL ELECTRIC	VB1 4.16-350-2	0339A9135-001-01							
OLD PH	POWER VAC CIRCUIT BREAKER	FILTER PLANT HYDRO	GENERAL ELECTRIC	VB1 4.16-350-2	0339A9135-001-02							
OLD PH	POWER VAC CIRCUIT BREAKER	SMC WATER BOTTLING CO. FEEDER	GENERAL ELECTRIC	VB1 4.16-350-2	0339A9135-001-03							
OLD PH	POWER VAC CIRCUIT BREAKER	BUS TIE #2 CIRCUIT BREAKER	GENERAL ELECTRIC	VB1 4.16-350-2	0339A9135-002-02							
OLD PH	TEST FRAME		TOSHIBA			PRODUCTION NO. 168150						AUGUST 1960
OLD PH	SHUNT EXCITER REGULATOR	BL #2 EXCITER	BASLER ELECTRIC	SSE 125-50X	1989		160V, 325 AAC	125 VDC, 400 ADC				60 Hz, 3 PHASE
OLD PH	SHUNT EXCITER REGULATOR	BL #2 EXCITER	BASLER ELECTRIC	SSE 125-50X	1990		160V, 325 AAC	125 VDC, 400 ADC				60 Hz, 3 PHASE
OLD PH	SHUNT STATIC EXCITER REGULATOR	BL #1 EXCITER	BASLER ELECTRIC	12.5 AMP	125	9 2672 00 100	4160V, 50/60 HZ	125 VDC, 400 AMP, 50 KW CONT				8/21/1992
OLD PH	SHUNT STATIC EXCITER REGULATOR	BL #1 EXCITER	BASLER ELECTRIC	12.5 AMP	128	9 2672 00 100	4160V, 50/60 HZ	125 VDC, 400 AMP, 50 KW CONT				8/21/1992
OLD PH	TRANSFORMER		BASLER ELECTRIC		127	9 2672 04 100						
GPIP	TRANSFORMER	SPARE										name plates & oil removed
GPIP	TRANSFORMER	A										
GPIP	TRANSFORMER	B										
GPIP	TRANSFORMER	C										
GPIP	TRANSFORMER	NO LABEL										
GPIP	TRANSFORMER	NO LABEL										
FILTER PLANT HYDRO	BRUSHLESS AC GENERATOR		IDEAL ELECTRIC									
FILTER PLANT HYDRO	BRUSHLESS EXCITER		IDEAL ELECTRIC									
FILTER PLANT HYDRO	BATTERY BANK		POWERSAFE									
FILTER PLANT HYDRO	TURBINE	1028 KW	NEYRPC MINI HYDRO INC.									#730 NOV 1992
GPIP (BOAT BLDG)	TURBINE	704 KW	NEYRPC MINI HYDRO INC.									#729 OCT 1992
			BASLER ELECTRIC			BE 15243-003	2400/4160 VAC	160/320 VAC, 325/162 AMPS	3	60	91.8	
OLD PH	BATTERY BANK	130 VOLT SYSTEM	EXIDE C	6.5 VOLT								
OLD PH	NEUTRAL GROUNDING REACTOR		TOSHIBA									
OLD PH	DIESEL GENERATOR		ONAN	50.0DL 62-15R/24892B	A850744112					60		
OLD PH	INSTRUMENT POTENTIAL TRANSFORMER	PT	TOSHIBA	VT-D4HP	60607177	349007-4			3			MFG. 1980
OLD PH	CUBICLE		TOSHIBA		168160777							MFG. AUG 1960
OLD PH	SOLENOID	GENERATOR #1 CIRCUIT BREAKER	TOSHIBA	EDF-13B	6051600	51026K-11						
OLD PH	CUBICLE		TOSHIBA		168150FS302							MFG. AUG 1960
OLD PH	SOLENOID	GENERATOR #2 CIRCUIT BREAKER	TOSHIBA	EDF-13B	6051598	51026K-11						
OLD PH	CUBICLE		TOSHIBA		???							
OLD PH	SOLENOID	BUS TIE #1 CIRCUIT BREAKER	TOSHIBA	EDF-13B	6051601	51026K-11						
OLD PH	METAL CLADE SWITCH GEAR		TOSHIBA		168150FS302							MFG. AUG 1960
OLD PH	SOLENOID	NO. 1 FEEDER CIRCUIT BREAKER	TOSHIBA	EDF-13B	6051599	51026K-11						

ATTACHMENT (A)