



## SOUTHEAST ALASKA POWER AGENCY

### Special Board Meeting AGENDA

(To be held Electronically<sup>1</sup>)

October 6, 2021 SEAPA BOARD MEETING		
Time	Event	
2 PM	Meeting Starts	For telephonic participation dial:  <b>1.888.475.4499<sup>2</sup></b>  <b>Meeting ID No. 849 7610 7853</b>
4 PM (Estimated)	Meeting Adjourns	

1. Call to Order
  - A. Roll call
2. Approval of the Agenda
3. New Business:
  - A. Consideration and Approval of Increase to Contract Re Tyee HPU Project
  - B. Executive Session Re Evaluation of SEAPA's CEO
4. Adjourn

<sup>1</sup> Due to recommendations from the Center for Disease Control and its social distancing guidelines, this meeting of the Board of Directors of the Southeast Alaska Power Agency will be held electronically.

<sup>2</sup> In the event of a failure with Zoom connectivity, the meeting shall continue by telephonic participation by dialing 1.800.315.6338 (Code 73272#).



## SOUTHEAST ALASKA POWER AGENCY CONTRACT INCREASE

SUGGESTED MOTION
I move to increase the not-to-exceed value of BAM CONTRACT 20131 by \$47,500, from \$128,500 to \$176,000.

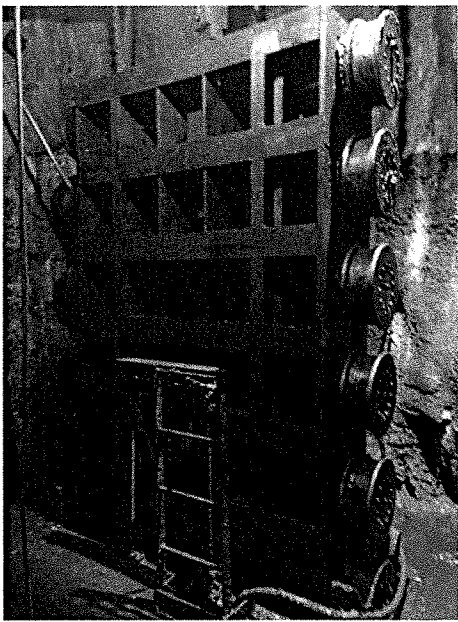
In September 2020, SEAPA entered into Contract 20131 for \$128,500 with BAM LLC for work related to Hydraulic Power Unit relocation (RR19308) and Intake Gate Refurbishment (RR20341) at the Tye Lake gatehouse. HPU project RR19308 was completed in 2020, and the Intake Gate Refurbishment was completed in August 2021.

A failure of the intake gate hydraulic lift cylinder took place in September 2020. The failure of the lift cylinder required the removal and reinstallation of the cylinder from the Tye gate shaft; this work was outside the contractor’s scope of work. Due to an estimated 60- to 90-day cylinder repair time, the project was shut down to avoid expected adverse winter conditions at the gatehouse and rescheduled to start back up in the spring of 2021. The project shut-down required two additional contractor mobilizations. Project Change order covers 6 days of labor and helicopter access at \$5,500 per day and two additional mobilizations at \$7,500 each.

The requested increase to the BAM contract will not impact the Intake Gate Refurbishment project budget. An outline of contract expenditures and project expenditures is displayed below.

Contract 20131	\$128,500	RR19308	RR20341	RR20341 INTAKE GATE	
Oct 2020 bill	(83,000)	70,500	12,500	Budget	251,300
Dec 2020 bill	(29,500)	7,500	22,000	2020 Expenditures	(142,904)
Sep 2021 unpaid	(63,500)	0	63,500	2021 Expenditures	(19,058)
<b>TOTAL</b>	<b>\$176,000</b>	78,000	98,000	Sep 2021 Invoice	(63,500)
(Over)/Under contract	(\$47,500)	<b>176,000</b>		(Over)/Under Budget	25,838

Description: <b>Intake Gate Refurbishment at Tye Lake (Phase II)</b>		
Cost Estimate: <b>\$251,300</b>	Sched. Complete: <b>NOV 2021</b>	Project Mgmt: <b>Schofield</b>
<b>PROJECT DISCUSSION</b>		
<p>This project is Phase II of the Tye Intake Hydraulic Power Unit (HPU) and Intake Gate Refurbishing taking place at the Tye Intake Gatehouse located at the Tye Lake. This phase of the project includes the reconditioning of the gate hydraulic cylinder completed in 2019. And the remaining tasks that are to be completed in 2021.</p> <ul style="list-style-type: none"> <li>• Remove Gate from power tunnel, elevation 1217' and secure for maintenance at elevation 1417'.</li> <li>• Replacement of intake-gate face seals,</li> <li>• Reconditioning of all 12 gate guide rollers,</li> <li>• Replacement of the gate slow-fill valve,</li> <li>• Replacement of the cylinder interconnect stems</li> <li>• Reconditioning of the gates coal-tar epoxy coating.</li> </ul> <p>All parts and materials have been purchased and delivered to Tye in 2020, installation of materials will take place in FY21.</p>		

<b>PROJECT COST ESTIMATE</b>			
BREAKDOWN	ESTIMATE	BUDGET - EXPENDITURES	
Parts	\$15,000	FY2020 Expenditures	\$120,904
Stems	75,000	<b>FY2021 Budget</b>	<b>130,396</b>
Mat, Trans	6,500		
Labor	100,800		
Helicopter Access	54,000		
Estimate Total	\$251,300	Budget Total	\$251,300
<b>Project Cost Estimate Discussion</b>			
<p>Includes estimated 840 man-hours to complete (21 ten-hour days with a crew of 4). Materials costs include 18 new gate-stems, new guide roller bearings and seals, and coal tar coating, plus site clean-up. Helicopter required to access the site daily with stand-by time due to high-risk working conditions.</p>			



## SOUTHEAST ALASKA POWER AGENCY

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**Date:** December 2, 2020  
**To:** Trey Acteson, CEO  
**From:** Ed Schofield, Power System Specialist  
**Subject:** Board Packet Report for December 10, 2020 SEAPA Meeting

### Tyee Intake Gate

As reported in my September SEAPA Board report, the Tyee Intake Gate Refurbishing Project was delayed on September 19<sup>th</sup> to recondition the intake gate hydraulic cylinder. Reconditioning of the gate cylinder required it to be removed from the gate shaft and transported via helicopter to the VIGOR shipyard machine shop in Ketchikan. Due to weather delays this did not occur until September 28<sup>th</sup>.

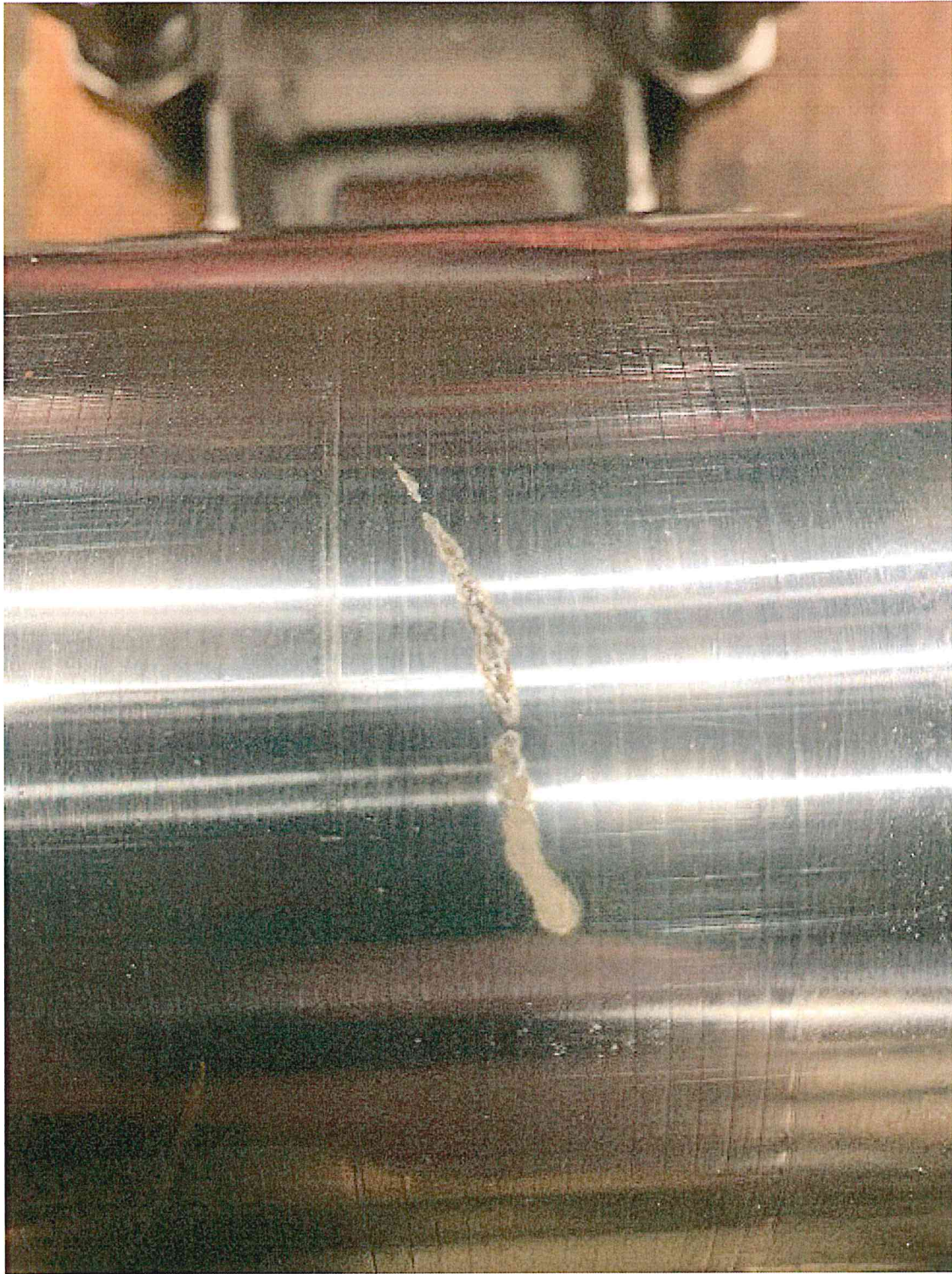
An inspection of the disassembled cylinder components determined that the cylinder rod chrome finish had been compromised due to water erosion and welding electrode arcing. The arcing damage apparently occurred during original construction. The original cylinder manufacturer we contacted about re-chroming the rod discouraged re-chroming. The type of steel stock used for the original rod requires a two-part plating process with a base plating of nickel and then chrome to withstand high moisture conditions. The cylinder manufacturer stated that because of nickel-plating requirements, re-chroming would be more costly than replacement. The manufacturer recommended replacement with a stainless-steel rod which would be the appropriate material for this application and less costly. A new stainless-steel rod was ordered on October 5<sup>th</sup> and VIGOR completed the assembly and bench testing of the cylinder operations on November 16<sup>th</sup>. The cylinder was transported back to the Tyee Gatehouse on November 18<sup>th</sup> and reinstalled in the gate shaft. Due to winter weather conditions this project will be deferred until spring of 2021.

**RR19308 Phase 1** of this project is complete, which is 65% of the total project. Items completed in Phase 1 includes reconditioning and relocation of the HPU, including all electrical, hydraulic piping and new enclosure.

**RR20341 Phase 2** of this project will include the following tasks:

- Pull intake gate from power tunnel
- Replacement of cylinder to stems that interconnect gate
- Reconditioning of twelve gate guide rollers
- Recondition gate slow fill valve
- Replacement of gate seal
- Application of Coal-Tar protective coating
- Reinstall gate in power tunnel

- Adjust gate control limit switch



Cylinder Rod Chrome Damage



Moving Cylinder from Staging Deck into Gatehouse



Cylinder started down Gate Shaft

**MEMORANDUM**  
**ATTORNEY-CLIENT COMMUNICATIONS**

TO: Bob Sivertsen, Chair  
Southeast Alaska Power Agency

FROM: Joel R. Paisner, Ascent Law Partners, LLP

DATE: September 28, 2021

RE: Suggested Motion for Executive Session

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The Board of Directors will enter into an executive session during a Special Board Meeting to be held on October 6, 2021 to discuss evaluation of the Agency's CEO.

I recommend the following motion be made:

I move to recess into Executive Session to be conducted pursuant to SEAPA's Bylaws consistent with Alaska Statute 44.62.310 for discussions regarding evaluation of the Agency's CEO which discussions may involve subjects that tend to prejudice the reputation and character of a person.