



COMMISSION
AGENDA MEMORANDUM

Item No. 8f

ACTION ITEM

Date of Meeting December 13, 2022

DATE: November 15, 2022
TO: Stephen P. Metruck, Executive Director
FROM: Mike Tasker, Director Aviation Maintenance
SUBJECT: Chiller 6 Repairs – Irregular Bid

Amount of this request: \$0
Total estimated project cost: \$500,000

ACTION REQUESTED

Request Commission authorization for the Executive Director to award and execute a Major Construction contract to the low bidder for an irregular bid outcome with only one bid submitted. There is no funding associated with this request and the project is currently authorized for construction with a total estimated cost not to exceed \$500,000.

SUMMARY

This request is asking for authorization to proceed with awarding and executing a Major Construction contract on an irregular bid as required by Resolution No. 3605 Paragraph 4.2.3.4. Only one bid was received in response to the construction advertisement which qualifies the bid as irregular. The Engineer’s estimate was \$332,596 (excluding WSST) and the bid received was \$319,255 (excluding WSST) which represents a potential construction cost savings of \$13,341.

Chillers provide cold water for the HVAC systems, which in turn provide cool air for critical equipment, planes, passengers, tenants, and employees throughout SEA. Chiller 6 has failed to such an extensive level that the existing maintenance contract would not have funding capacity to effect repairs. It is for this reason that we are asking for specific funding to repair this asset using Major Construction contracting. In 2021, a quote was prepared for anticipated repairs and an expense budget line item was requested, and approved, for the 2022 budget in the amount of \$150,000. In early 2022, additional repairs were identified that were not previously accounted for. The total anticipated cost to repair Chiller 6 has increased substantially to \$500,000. There may still yet be other unknowns with this type of work that won’t truly be discovered until the asset is disassembled. The cost will now be incurred in 2023. While this is not included in the 2023 operating budget, Aviation will strive to absorb this necessary repair within the approved budget.

Chiller 6 at SEA has not been operational for approximately two years. This is one of eight chillers at SEA and provides roughly 10% of total capacity, all of which is critical to passenger comfort. Having all chillers available allows for resiliency during peak cooling season. In addition, Facilities

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& Infrastructure is upgrading the chiller controls on other chillers and Chiller 6 is part of that upgrade. This chiller must be operational to complete the project work and is sequenced to be upgraded last to allow time for repairs on Chiller 6 to be completed.

PREVIOUS COMMISSION ACTIONS OR BRIEFINGS

August 9, 2022 – The Commission authorized execution of MC contract

There are no attachments to this memo.