FINDINGS TO SUPPORT
DECLARATION OF EMERGENCY

DATE: 2/17/2017

REQUESTOR: Matt Barton

ESTIMATED COST: $294,000

In accordance with ORS 279A.065, ORS279A.025, 279B.080, 279B.145, 279C.335(5); 279C.380(4) and all applicable EWEB Rules:

The Purchasing Manager, with the concurrence of the General Manager and/or an affected LT Manager, may approve award of a public contract for goods, services, or work as an emergency procurement.

Emergency" means circumstances that:
  (A) Could not have been reasonably foreseen;
  (B) Create a substantial risk of loss, damage or interruption of services or a substantial threat to property, public health, welfare or safety; and
  (C) Require prompt execution of a contract to remedy the condition. (See ORS 279A.010((1)(f))

Such circumstances may also include, but are not limited to:
  (a) EWEB moving forward as quickly as possible to prevent interruption to vital services, restoration of vital services, or to

  (b) Prevention of loss to EWEB,

  (c) Protection of the quality of services, or

  (d) Other circumstances necessary to responsibly carry out EWEB's services to its customers

279B.145 Finality of determinations. The determinations under ORS 279B.055 (3) and (7), 279B.060 (3) and (10), 279B.075, 279B.080, 279B.085 and 279B.110 (1) are final and conclusive unless they are clearly erroneous, arbitrary, capricious or contrary to law.

NATURE OF THE EMERGENCY:

Eugene Water & Electric Board installed its Storage Area Network (SAN) approximately four years ago and had planned to replace it in 2018. However, the current SAN is out of space putting EWEB at risk of major system loss. EWEB would prefer not to add additional disk to the existing SAN as it is almost at the end of its useful life. EWEB would also like to migrate to a newer technology which costs less and is easier to maintain.

The current SAN deployed with a technology called Thin Provisioning. This technology allows the SAN to present more usable disk space that is physically present. In this instance the SAN was configured to show 50% more disk space than was actually available. Staff with knowledge of how the SAN was deployed are either no longer with EWEB or in new assignments. This prevented current staff from being able to monitor actual usage.

This SAN's design does not allow reclamation of space once it has been cleared. In other words, deleting files from the SAN's storage would not resolve the problem since the SAN will not release the space. This is a known issue with this model. The vendor has provided written documentation confirming this issue.

If the SAN runs out of space EWEB will lose most of its business systems to file corruption. The current state of the SAN prevents EWEB having disaster recovery for business applications. Estimated restoration time in the event of the SAN running out of space would be in weeks not days or hours.

APPROVALS

Department Supervisor: _____   Date: _____

Purchasing Manager: _____   Date: _____

LT Manager: _____   Date: _____

Additional Comments:

Vendor/Contractor: _____

Buyer Name: _____   P.O. Number: _____