

**LATE ITEM**  
**MOTION**



Director Fournier:

The Pease Development Authority (“PDA”) Board of Directors hereby approves of and authorizes the Executive Director to enter into an agreement with Jordan Equipment Co. of Pembroke, NH for the purchase of snowplow carbide cutting edges in an amount not to exceed \$19,953.72; all in accordance with the memorandum of Ken Conley, Maintenance Manager, dated January 9, 2024, attached hereto.

In accordance with the provisions of RSA 12-G:8, VIII, the Board justifies the waiver of the RFP requirement as two quotes were received and the intent is to implement the new equipment as soon as possible this winter season.

**Note: This motion requires 5 affirmative votes.  
Roll Call Vote Required.**

## Memorandum

**To:** Paul E. Brean, Executive Director   
**From:** Ken Conley, Maintenance Manager   
**Date:** January 9, 2024  
**Subject:** Airfield Snowplow Carbide Cutting Edges

---

The Airport Maintenance Department is responsible for snow and ice removal at Portsmouth International Airport (“PSM”). The primary equipment used to clear runways and taxiways of snow and ice are specialized snowplows requiring a cutting-edge attachment which acts to preserve the plow, while cutting compacted snow and ice from the surface.

Due to in-pavement navigational aids on runways and taxiways, standard steel plow cutting edges have been problematic. Steel plow cutting edges damage airfield in-pavement electrical housings and surface mounted navigational signs. For the past several years, PSM plows have been upfitted with polyurethane cutting edges in an effort to preserve pavement lighting. However, since reconstruction of the runway in 2019/2020, the pavement lighting system is less susceptible to damage by cutting edges.

Although successful at preserving damage to lighting and navigation aids, PDA has noticed polyurethane cutting edges are inefficient at removal of compacted snow and ice from the runway. Removing compacted snow and ice with a cutting edge is critical to reducing friction on the runway without the need of costly de-icing chemicals. Now that protecting in-pavement lighting is not a priority, it is recommended to replace the polyurethane cutting edges with a high strength carbide cutting edge. Allowing a change of the cutting edges, removal of compacted snow and ice will be more efficient and allow the reduction of de-icing materials.

Two quotes were received for the cutting edge replacement on PDA’s Multitask Plow Fleet as follows:

Jordan Equipment Co. of Pembroke, NH at \$3,325.62 ea.  
Genalco Inc. of Needham Heights, MA at \$3,536.59 ea.

At the January 11, 2024, Board of Directors meeting, please authorize the purchase of six (6) sets of the cutting edge replacement, from Jordan Equipment Company at a cost not to exceed \$19,953.72; in order to implement the modification to PDA’s Multitask Plow fleet this winter.