THOMPSON
SCHOOL DISTRICT

Date Requested: 12.02.2024

Requestor Name: Nancy Rumfelt

Type of Request: Agenda Item

Date Responded: 12/3/2024

Cabinet Member: Todd Piccone

Amount of Time: 3 hours

Request: See below

For clarification - The CDPHE Grant and EPA grant will cover the cost of both the busses and total install cost of the chargers.

- **How many seats will each bus have?**
  - **Type A buses typically seat 10-16 passengers.**

- **Will $275k per bus cover the cost of each bus? Do you have a cost estimate for each bus?**
  - **We received quotes for the buses during the grant process at around $310k per bus. The CDPHE grant of $275k per bus is being paired with the US EPA Clean School Bus Grant, which will cover the remaining amount.**

- **The contract requires us to scrap/retire 20% of buses being purchased which would be one bus. Do we have a bus that no longer works or will we scrap a bus that still works?**
  - **Due to the US EPA grant, we will be scrapping a total of 3 Type A buses. The buses being scrapped are ones that have been on our list for replacement due to age and condition.**

- **Are we leasing or buying the buses?**
  - **Buying**

- **The useful life of an EV bus seems to be 12-15 years and if buses are leased how will we pay for replacements?**
  - **We are buying the buses. The buses will be treated as gas buses when evaluating replacement timing - comparing cost of maintenance versus cost of replacement. By that time, pricing of electric buses will likely look much different than today due to the rapidly evolving market and technology.**

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- **What is the range of each bus? How does heating and A/C impact the range?**
  - **These buses have a typical range over 100 miles, which will be enough to cover the selected bus routes. The buses will be used in town and will not be subjected to long hilly routes. It is unlikely that the routes will be long enough to be impacted by weather; however, in instances of extreme cold or heat, the bus routes will be adjusted accordingly to ensure the buses have enough charge.**

- **The grant is providing $21k for 3 Level Three chargers. Is this enough money to cover the cost of infrastructure, permits, equipment and installation? Do you have an estimate of total cost for the chargers? If cost exceeds the $21k will we have to cover out of the general fund?**
  - **We expect the infrastructure, installation, software, etc. to cost between $60k-$80k for the three chargers. The remaining funding will come from the US EPA grant.**
Total Amount of the EPA funds committed to the subrecipient by the pass-through entity:	**Funding for 3 Buses: $299,843.00** **Funding for 3 Chargers: $26,062.00** **Infrastructure Funding: $94,095.00**