

**ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING**

SUBJECT: Approval for the purchase of a Fiber Splicing Trailer from Intelli-Core LLC

Staff Contact: Blake Toliver Superintendent of Electric Operations

Summary: Our current fiber splicing trailer is 23 years old. In effort to make fiber splicing more efficient as well as decrease downtime during fiber repairs we are asking to purchase a second trailer to continue the deployment of our fiber infrastructure. By purchasing this trailer, we will be able to decrease our fiber outage times by half. We can accomplish this by setting up a trailer at both ends of the project and have a crew working on each end. This trailer was the most expensive trailer quoted to us due to the fact it has an EV system installed. This will allow the crews to work for up to 2 days in the field without running a generator. Nearly 90% of our fiber projects last 1 day or less, so in theory the generator shouldn't have to be run very often at all which saves money in both fuel and maintenance costs. This is currently the only fiber splicing trailer that offers this option in the market. This trailer also comes with more safety features for the occupants including 8 strobe lights and directional arrow boards both front and rear. In a time where accidents in work zones are becoming more prevalent, we felt this option was of utmost importance. I have included the quotes for all 3 trailers in the packet.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:
Equipment Budget	\$210,000	\$67,500.00

Strategic Plan Goal Application: Infrastructure Effectiveness & Improvement

Recommendation: Approve the purchase of a Fiber Splicing Trailer from Intelli-Core LLC in the amount of \$67,500.00.