



STAFF REPORT

MEETING DATE: September 17, 2024

TITLE:

Consider and act on Resolution No. R-2024-124, Awarding a contract, attached as Exhibit A, for the Bastrop Power & Light Five-Year System Study to McCord Engineering, Inc. in the amount not to exceed Seventy-Five Thousand and 00/100 Dollars (\$75,000.00); authorizing the execution of all necessary documents; upon request and providing for findings of fact, repealer, severability, effective date, proper notice, and meeting.

STAFF REPRESENTATIVE:

Andres Rosales, Assistant City Manager

BACKGROUND/HISTORY:

It has been the policy to have this study completed every 5 years. The Study identifies large electrical system improvements required to maintain an excellent level of service to our customers. These improvements address anticipated needs by:

- Optimizing the performance of the system by balancing the load among transformers, feeders, and phases.
- Evaluate the need for reconductoring existing circuits
- Evaluate the need for construction new distribution circuits
- Evaluate substation capacity requirements
- Examine location and status of all air break or disconnect switches
- Evaluate system capacitor banks needs for reduction of system losses and correcting system power factor, including leading power factor conditions
- Update the computer models for BP&L's distribution system

FISCAL IMPACT:

The cost of the contract to McCord Engineering, Inc. in the amount not to exceed Seventy-Five Thousand and 00/100 Dollars (\$75,000.00).

RECOMMENDATION:

Recommend approving Resolution No. R-2024-124 of the City Council of the City of Bastrop, Texas, awarding a contract, attached as Exhibit A, for the Bastrop Power & Light Five-Year System Study to McCord Engineering, Inc. in the amount not to exceed Seventy-Five Thousand and 00/100 Dollars (\$75,000.00).

ATTACHMENTS:

1. Resolution No. R-2024-124
2. Contract for McCord Engineering
3. Specific Project Proposal from McCord Engineering