

## Li-Pro™ Lithium Extraction and Processing Solutions

Koch Engineered Solutions, LLC (KES) and Koch Minerals & Trading, LLC (KM&T) can deliver a unique, comprehensive lithium extraction solution that enables favorable returns with reliable outcomes. The ability to leverage a full suite of Koch capabilities, including extraction process technology license, lithium extraction equipment, lump-sum turnkey Engineering, Procurement and Construction (EPC), lithium market offtake/trading and potential equity, creates a competitive advantage to deliver a world-class lithium extraction operating facility.



### Lithium Extraction Licensing

#### Koch Technology Solutions (KTS)

- ▶ Proprietary Li-Pro™ Direct Lithium Extraction process solution via lithium selective sorption and concentration



### Equipment Support

#### Koch Separation Solutions (KSS)

- ▶ Proprietary equipment and expertise to support filtration, including pretreatment and brine concentration



### Turnkey Facility Construction

#### Optimized Process Designs (OPD)

- ▶ Lump sum turnkey Engineering, Procurement and Construction (EPC) for complete commercial-scale lithium extraction and crystallization facilities

### Trading & Offtake

#### Koch Minerals & Trading (KMT)

- ▶ Reagent Supply: Global procurement capabilities to assist in sourcing key reagents used in lithium extraction
- ▶ Offtake: Optimal marketer of finished lithium products
- ▶ Project Financing: leveraging trading, marketing and logistics capabilities with flexible capital solutions to invest in profitable ventures

## Partner of Choice

### GLOBAL SCALE

KES is an affiliate of Koch Industries that has \$125+ bn in revenues, global presence and investment-grade credit

### DECISIVE ACTION

Unrivalled ability to marshal resources to move decisively and with certainty when the right opportunities present themselves

### PRIVATE

KES' status as a private company and management philosophy allows partners to focus on capturing long-term opportunities

### MUTUAL BENEFIT

True partnership mentality. Expectation that KES will work to make partnerships as successful as possible

### KOCH LABS

**Experts:** Engage KES' internal subject matter experts to help better understand market and customer opportunities, as well as solve technical challenges

**Develop:** Use KES and Koch-affiliate facilities and businesses as a test bed for product development and proof of concept, allowing for quicker time to market and product design cycles

**Engage:** Opportunity to engage KES and Koch affiliates as a partner, customer and supplier

# Koch as a Favorable Project Partner

## Optimize Full Project Scope with One-Partner Solutions

### Li-Pro™ Technology License + Equipment + Services = Advantaged Solution

#### Li-Pro™ Direct Lithium Extraction Technology License

- ▶ Non-exclusive license and rights to use Li-Pro™ IP to engineer, procure, construct, operate and maintain a lithium extraction facility
- ▶ A Process Design Package (PDP) enabling Front End Engineering Design
- ▶ Technology Transfer Services:
  - Engineering design, critical equipment procurement support, training, construction inspections, pre-commissioning and commissioning support through to plant acceptance
- ▶ Supply of specialist equipment and services (including LSTK execution)
- ▶ Post Acceptance Support (Ongoing optimization, troubleshooting, inspection services during overhauls, safety and operations refresher training, etc.)

#### Equipment and Aftermarket Support (KSS)

- ▶ Leveraging leading KSS technologies such as PURON® MP ultrafiltration membrane systems for brine pretreatment and FLUID SYSTEMS® reverse osmosis membrane systems for lithium chloride concentration

#### Turnkey Facility Construction: Optimized Process Designs (OPD)

- ▶ “One-Stop Shop” lump sum turnkey EPC
- ▶ Demonstrated experience with up to 1,800 field employees supporting direct field construction
- ▶ 33,000 sq. ft. fabrication shop + 35,000 sq. ft. of warehouse in Katy, TX
- ▶ 40+ years of EPC experience, focused on small and large capital builds (~\$5mm - ~\$1bn+)

### KES Lithium Extraction Process and Build Support

