

# CMAR – THE SOUTH DAKOTA EXPERIENCE

September 29, 2021  
Council of Infrastructure Financing Authorities



# 2017: THE CMAR BEGINNING

- All SRF projects utilized Design – Bid - Build method
- Prior to 2017 Design – Build projects had been discussed but never materialized
- Consultant approached DENR in 2017 to utilize the CMAR approach on a project to construct a new wastewater treatment facility for Sturgis, SD



# STAFF CONCERNS

- Trepidation with a new, unfamiliar delivery method
- Uncertainty if approach would comply with SRF requirements
- State bid laws
- Lack of local water/wastewater contractors with experience in CMAR projects



# REASONS APPLICANTS WANT CMAR

- Qualifications Based Selection – Competitive Bid Packages
- Specialty Equipment Procurement
- Constructability
- Shortened Project Timeframe
- Contractor Input During Design – Value Engineering Before Bid Opening
- Firm Pricing



# SD CMAR PROJECTS

## ➤ Sturgis

- ▶ New wastewater treatment facility
- ▶ \$13.48 million
- ▶ Nearing completion

## ➤ Pierre

- ▶ New water treatment Plant
- ▶ \$36.85 million
- ▶ Under Construction



# SD CMAR PROJECTS

## ➤ Sioux Falls

- ▶ Wastewater treatment facility rehabilitation
- ▶ \$159 million (and increasing)
- ▶ 60 percent design

## ➤ Harrisburg

- ▶ New wastewater treatment facility
- ▶ \$24.49 million
- ▶ Under construction



# LESSONS LEARNED

- Know your specific state bid law requirements for CMAR or other alternative procurement methods
- Communicate with attorneys or other agencies that may have experience for guidance
- Develop checklists or guidance documents for use by SRF program staff and to share with applicants/consultants
- Be willing to learn new things that you have not worked with before





# SRF STAFF EXPERIENCE

- Positive outcomes for projects
- Additional work on the front end of projects but reduced changes or questions during construction
- Limited change orders
- CMAR firm and Owner tend to have strong relationship with low bid contractor
- Projects are completed on time and at budget





# QUESTIONS?

Andy Bruels, Director  
Division of Financial and Technical Assistance  
605-773-4216  
[andrew.bruels@state.sd.us](mailto:andrew.bruels@state.sd.us)

Mike Perkovich, Administrator  
Environmental Funding Program  
605-773-4216  
[mike.perkovich@state.sd.us](mailto:mike.perkovich@state.sd.us)

