



Case Study

Contract

Contract number: W912ES-16-D-0004
Contract Amount: \$ 338,936.80
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Requirement

This project involved the work necessary to supply and deliver 21,290 tons of riprap to several lock and dam sites along the Mississippi River in Wisconsin and Iowa.

Challenges

- Within 7 days after contract award, we had to designate and submit for approval only one source or one combination of sources from which we proposed to furnish the materials for each site or for multiple sites.
- Submittals had to be submitted in ample time to secure approval prior to the time the items covered are to be delivered to the site. ENG Form 4025 was used for the transmittal of submittals.
- Riprap material had to be durable quarried stone of suitable quality to ensure permanence in the Upper Mississippi River environment.
- The gradation test had to be done every 5,000 tons of production.
- All stone had to have a specific gravity of not less than 2.55 and not more than 2.75. Neither the breadth nor thickness of any individual stone shall be less than one-third its length

Result

Green Dream has a long array of experience working on USACE projects. This goes back to the construction projects completed in 2009-2011. With this background here are some of the measures implied:

- GDI assigned a POC dealing with COR on technical and administrative aspects of the project.
- Company QC manager was involved directly on the gradation tests, scale certificate and calibration, and required submittals in compliance with the requirements of the contract.
- GDI kept a systematic and close communication with the Contracting Officer's Representative (COR) on submittals and other implementation issues on a daily basis.
- We accomplished a delivery rate of 900 tons/day.

Key Factors Contributing to the Success

• *Commitment*

Green Dream was committed to abide by the requirements of the project knowing how strict USACE is on terms and conditions for their projects.

• *Quality Products*

Company QC manager was involved directly on the gradation tests, scale certificate and calibration, and required submittals in compliance with the requirements of the contract.

• *Management*

GDI's PM and QC manager held daily coordination meetings with the subcontractor, foreseeing upcoming issues and finding solutions for them ahead of time.









