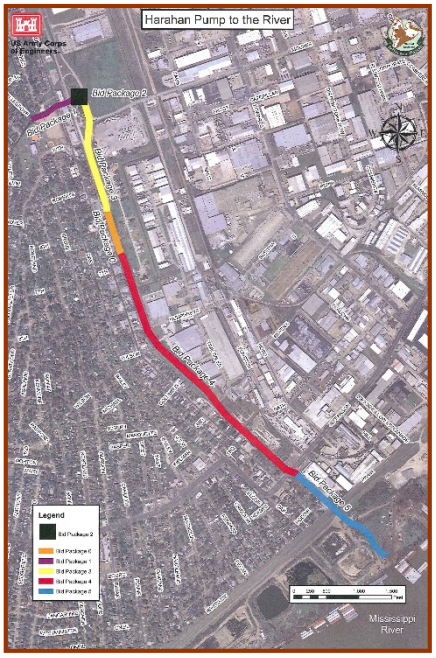
| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*Present as many projects as requested by the agency, or 10 projects if not specified.* | 20. EXAMPLE PROJECT KEY NUMBER |
|---|---|
| 21. TITLE AND LOCATION (*City and State*)<br>**Harahan Drainage Pump to the River, Jefferson Parish, LA** | 22. YEAR COMPLETED<br>PROFESSIONAL SERVICES: **2013**<br>CONSTRUCTION (*If applicable*): **2014** |

| 23. PROJECT OWNER'S INFORMATION | | |
|---|---|---|
| 23a. PROJECT OWNER | 23b. POINT OF CONTACT | 23c. TELEPHONE NUMBER |
| Jefferson Parish Drainage Capital Projects | Reda Youssef, Director | 504-736-6833 |
| | Kazem Alikhani, Director | 504-736-6783 |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, cost*)




This is a unique project in terms of complexity, administration, design, and rights of way to relieve chronic flooding in southeastern portion of east bank of Jefferson Parish via Southeast Louisiana Urban Flood Control Project (SELA) of the COE. The project required significant coordination with Corps' New Orleans District as well as Corps' Headquarters and was designed to relieve stormwater flooding in the Elmwood, Harahan, and River Ridge areas of Jefferson Parish. This single project mitigated life safety risk involving multiple flood risk management structures via massive construction of drainage structures within heavily built up residential and heavy commercial areas. The project consisted of:

- A Suction canal from the junction of Soniat Canal, Harahan Ditch and Mazoue Ditch to the site of the proposed pump station.
- Discharge piping.
- Reinforced concrete levee crossing of discharge pipes
- Reinforced concrete discharge basin

**Professional Service Highlights**

- Detailed Design Report (DDR)
- Preliminary Design
- Quality Assurance Plan
- Final Design
- Plans and Specifications
- Cost Estimate
- Coordination with local community, regulatory agencies, LDOTD and Entergy

**Project Highlights**

- 1,200 cfs pumping station
- Three 9,000 ft long 84 inch diameter discharge piping to Mississippi River
- 700 ft long suction canal
- Reinforced concrete levee crossing of discharge pipes
- Reinforced concrete discharge basin in Mississippi River
- Relocation of the Mississippi River levee
- Coordination regarding a very old oak tree (the Old Dickory)
- Relocation of high tension electrical transmission towers.

**Construction Cost = $200 million**

| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | |
|---|---|---|
| (1) FIRM NAME | (2) FIRM LOCATION (*City and State*) | (3) ROLE |
| MSMM Engineering, LLC | New Orleans, LA | DDR, Preliminary Design, Final Design, Cost Estimate, Agency Coordination |