

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(COMPLETE ONE SECTION E FOR EACH KEY PERSON.)

| 12. NAME                 | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE  |                                   |
|--------------------------|---------------------------|-----------------------|-----------------------------------|
| <b>Manish Mardia, PE</b> | <b>Sr. Advisor</b>        | a. TOTAL<br><b>30</b> | b. WITH CURRENT FIRM<br><b>13</b> |

15. FIRM NAME AND LOCATION (City And State)

**MSMM Engineering, LLC – New Orleans, LA**

16. EDUCATION (DEGREE AND SPECIALIZATION)

BS, Civil Engineering, University of Jodhpur, 1990  
MS, Civil Engineering, Louisiana State University, 1994

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer (1999): LA (28482),  
MS (18522)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, Etc.)

Mr. Mardia is the President, Founder, and 100% Owner of MSMM Engineering, LLC, as well as a professional engineer with 30 years of experience designing and managing civil works projects for USACE. Mr. Mardia has successfully executed over 80 task orders related to flood risk reduction and drainage projects. His design expertise spans earthen levee and floodwall evaluation, inspection and design, drainage pump station evaluation and design, and preparation of engineering reports related to environmental infrastructure projects, drainage evaluation projects, and the evaluation of existing facilities and infrastructure. He currently manages multiple IDIQ Civil Works task orders and MATOC contracts for MSMM at several USACE Districts across the South and Southwest United States.

**19. RELEVANT PROJECTS**

|   | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED    |                              |
|---|--|-----------------------|------------------------------|
|   |  | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
| a | <b>Ascension Parish Environmental Infrastructure Wastewater Treatment Plant Design, Hillaryville, LA</b>   | <b>2022</b>           | <b>TBD</b>                   |
|   | (3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Scope:</b> (Full Project Writeup is included in SF330 Section F, Project Number 6) As part of the New Orleans District Environmental Infrastructure Program, MSMM developed a design-bid-build package (plans and specs) for the creation of a 1.8 million gallon per day wastewater treatment plant. Services consisted of civil/structural/mechanical/electrical engineering, cost estimating using MCACES, and a full USACE review process. Mr. Mardia oversaw the delivery of the project and provided QA/QC during the internal and USACE review process. <b>Cost:</b> \$21.5M <b>Fee:</b> \$1.4M <b>Role:</b> Program Manager   |                       |                              |
| b | <b>East Baton Rouge Parish Wastewater Treatment Collection System 5 MG Ground Storage Tank and Pump Station, Baton Rouge, LA</b>   | <b>ONGOING</b>        | <b>TBD</b>                   |
|   | (3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Scope:</b> (Full Project Writeup is included in SF330 Section F, Project Number 9) As part of the New Orleans District Environmental Infrastructure Program, MSMM provided the engineering design of two piles supported above-ground 5 million gallons (MG) prestressed concrete storage tanks, a 14,000 gpm sewer pump station, and a CMU control building. The existing pump station will be connected to the new pump station with a 42" diameter pipe and overflow chamber with automatic slide gates to control when flows will be diverted. Mr. Mardia oversees the execution of the project and provides QA/QC during the internal and USACE review process. <b>Cost:</b> TBD <b>Fee:</b> \$1.6M <b>Role:</b> Sr. Advisor |                       |                              |
| c | <b>Cow Bayou Drainage Pump Station Complex, Orange, TX</b>   | <b>2021</b>           | <b>TBD</b>                   |
|   | (3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Scope:</b> (Full Project Writeup is included in SF330 Section F, Project Number 1) Our team developed a 35% design package (plans, specs, and DDR) for a new 8,190 cfs drainage pump station and complex consisting of a pump station building, safe house, floodwalls, and sector gate. Main responsibilities consisted of site layout, architectural, civil, structural, and cost engineering. The task order was to provide a 35% level of design with anticipation of changing the project to a Design-Build RFP. Mr. Mardia oversaw the delivery of the project and provided QA/QC during the internal and USACE review process.<br><b>Cost:</b> TBD <b>Fee:</b> \$1.3M <b>Role:</b> Program Manager                         |                       |                              |