



Steps in the Design-Build Process

- **Phase I Request for Proposals (RFP)**
 - **Solicits qualifications**

- **Form the Short-List**
 - **Based on the evaluations of Phase I proposals**

- **Draft Phase II RFP issued to the Short-Listed Firms for review**
 - **Phase II RFP will be revised and finalized based on Short-Listed comments and One-on-One interviews**

- **Issue Phase II RFP to Short-listed Firms for 120 days to develop proposals**

- **Contract Award**

Project Schedule

19 Nov 2009	Meeting # 1 Community Involvement
14 Dec 2009*	Project Partnership Agreement
Jan 2010	Issue Synopsis
21 Jan 2010	Meeting # 2 Community Involvement
Jan 2010	Issue Design-Build Phase I Request for Proposal
Feb 2010	Evaluate Phase I Request for Proposal
Feb 2010	Meeting # 3 Community Involvement
Mar 2010	Form and approve Short List
Mar 2010	Issue Draft Phase II RFP for Review by Short List
Jun 2010	Issue Design-Build Phase II Request for Proposal
Jan 2011	Award Design-Build Contract
May 2014	Est. Construction Completion

*This schedule is tentative and based on the execution of the PPA by 14 Dec 2009.



**SECTION 01010
STATEMENT OF WORK**

- 1.0 PROJECT OBJECTIVES
- 2.0 SCOPE
 - 2.1 FACILITY DESCRIPTION
 - 2.2 SITE SURVEY
 - 2.3 PERMITTING
 - 2.4 UTILITY COORDINATION AND RELOCATION
 - 2.5 PUBLIC AFFAIRS
 - 2.6 WEB BASED INFORMATION MANAGEMENT SYSTEM
- 3.0 FUNCTIONAL AND PERFORMANCE REQUIREMENTS
 - 3.1 GENERAL REQUIREMENTS
 - 3.2 OPERATING CRITERIA
 - 3.3 PPS GENERAL DESIGN CRITERIA
 - 3.4 MODELING
 - 3.5 BACKFLOW PREVENTION
- 4.0 APPLICABLE GENERAL CRITERIA
 - 4.1 INDUSTRY CRITERIA
 - 4.2 CORPS CRITERIA
 - 4.3 STAKEHOLDER CRITERIA
- 5.0 TECHNICAL CRITERIA
 - 5.1 CIVIL AND SITE DESIGN CRITERIA
 - 5.2 SECURITY DESIGN CRITERIA
 - 5.3 GEOTECHNICAL DESIGN CRITERIA
 - 5.4 ARCHITECTURE AND INTERIOR DESIGN CRITERIA
 - 5.5 STRUCTURAL DESIGN CRITERIA
 - 5.6 MECHANICAL DESIGN CRITERIA
 - 5.7 PLUMBING DESIGN CRITERIA

- 5.8 HEATING, VENTILATING AND AIR CONDITIONING DESIGN CRITERIA
- 5.9 FIRE PROTECTION DESIGN CRITERIA
- 5.10 ELECTRICAL DESIGN CRITERIA
- 5.11 INSTRUMENTATION & CONTROLS DESIGN CRITERIA
- 5.12 CORROSION CONTROL DESIGN CRITERIA
- 5.13 SPARE PARTS AND SPECIAL TOOLS CRITERIA
- 5.14 ENVIRONMENTAL DESIGN CRITERIA
- 5.15 CONSTRUCTION RELATED CRITERIA
- 6.0 DEMOLITION

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ACRONYMS

Listed below are the acronyms found within the RFP-II document and their meaning within the context of the RFP.

2D – Two Dimensional

3D – Three Dimensional

4D – Four Dimensional [*model & schedule integration*]

AASHTO – American Association of State Highway and Transportation Officials

ABA – Architectural Barriers Act

ABMA – American Bearing Manufacturers Association

AC – Alternating Current

A/C – Air Conditioning

AC/HR – Air Changes per Hour

ACASS – Architect-Engineer Contractor Administration Support System

ACI – American Concrete Institute

ACO – Administrative Contracting Officer

ADA – Americans with Disabilities Act

ADAAG – Americans with Disabilities Act Accessibility Guidelines

ADN – Advanced Digital Network

ADP – Automated Data Processing

AE – Architect/Engineer

AF – Actual Finish

AFD – Adjustable Frequency Drive

AGA – American Gas Association

AGMA – American Gear Manufacturers Association

AIC – Available Interrupting Current

AISC – American Institute of Steel Construction

AISI – American Iron and Steel Institute

AMCA – Air Movement and Control Association

AMRL – AASHTO Materials Reference Laboratory

ANSI – American National Standards Institute

API – American Petroleum Institute

APP – Accident Prevention Plan

ARI – Air-Conditioning and Refrigeration Institute

ASCE – American Society of Civil Engineers

AS – Actual Start

ASD – Allowable Stress Design

ASHRAE – American Society of Heating, Refrigeration, and Air-Conditioning
Engineers

ASME – American Society of Mechanical Engineers

ASPE – American Society of Plumbing Engineers

ASSE – American Society of Safety Engineers

ASTM – American Society for Testing and Materials

AWG – American Wire Gauge

AWS – American Welding Society

AWWA – American Water Works Association

BDD – Basis of Design Document

BHMA – Builders Hardware Manufacturers Association

BIM – Building Information Management

BPS – Bits Per Second

CAD – Computer Aided Drafting

CADD – Computer Aided Design and Drafting

CCASS – Construction Contractor Appraisal Support System

CCRL – Concrete and Cement Reference Laboratory

CCTV – Closed Circuit Television

CD – Compact Disc

CD-ROM – Compact Disc Read Only Memory

CFD – Computational Fluid Dynamics

CFR – Code of Federal Regulations

CFS – Cubic Feet per Second

CLIN – Contract Line Item Number

CMU – Concrete Masonry Unit

COE – Corps of Engineers

COR – Contracting Officer Representative

CPM – Critical Path Method [*scheduling context*]

CPM – Counts Per Minute [*vibration testing context*]

CPRA – Coastal Protection and Restoration Authority (of Louisiana)

CPT – Cone Penetration Testing

CQC – Contractor Quality Control

CRD – Concrete Research Division

CRES – Corrosion Resistance Steel

CSFAT – Control System Functional Acceptance Test

D-B – Design Builder

DBA – Decibels (A-Weighted)

DBH – Diameter at Breast Height

DC – Direct Current

DIPRA – Ductile Iron Pipe Research Association

DOR – Designer of Record

DOT – Department of Transportation

DPS – Drainage Pumping Station

DQC – Design Quality Control

DUNS – Data Universal Numbering System

DVD-ROM – DVD Read Only Memory

ECB – Engineering and Construction Bulletin

EJLD – East Jefferson Levee District

EM – Engineering Manual

EMT – Electrical Metallic Tubing

EPA – Environmental Protection Agency [*Federal unless designated otherwise*]

ER – Engineer Regulations

ERDC – Engineer Research and Development Center

ES – Early Start

ET – Electrical Testing

FAR – Federal Acquisition Regulation

FAT – Functional Acceptance Test

FC – Final Completion

FF&E – Furniture, Fixtures and Equipment

FFT – Fast Fourier Transform

FGDC – Federal Geographic Data Committee

FOB – Freight On Board

FOW – Feature of Work

FPE – Fire Protection Engineer

FSI – Formed Suction Intake

GFE – Government Furnished Equipment

GIS – Geographic Information System

GPM – Gallons Per Minute

HART – Highway Addressable Remote Transducer

HI – Hydraulic Institute

HPO – Hurricane Protection Office

HPS – High Pressure Sodium

HQ – Headquarters

HSDRRS – Hurricane Storm Damage Risk Reduction System

HSDRRSDG – Hurricane Storm Damage Risk Reduction System Design

Guidelines

HSS – Hydraulic Steel Structure

HTRW – Hazardous, Toxic, or Radioactive Waste

HVAC – Heating, Ventilation, and Air Conditioning

IAI – International Alliance for Interoperability

IBC – International Building Code

ICC – International Code Council

ICS – Interim Closure Structure

IEEE – Institute of Electrical and Electronics Engineers

IER – Individual Environmental Report

IES – Illuminating Engineering Society

IFC – Industry Foundation Classes

IGE – Independent Government Estimate

I/O – Input/Output

IP – Internet Protocol

IPET – Interagency Performance Evaluation Task Force

ISA – Instrument Society of America

ISO – International Organization for Standardization

JP – Jefferson Parish

JV – Joint Venture

KVA – Kilovolt Amperes

KW – Kilowatts

LAC – Louisiana Administrative Code

LaDOTD – Louisiana Department of Transportation and Development

LAN – Local Area Network

LF – Late Finish

LP – Liquefied Propane

LPDES – Louisiana Pollution Discharge Elimination System

LDEQ – Louisiana Department of Environmental Quality

LRFD – Load and Resistance Factor Design

LWE – Low Water Elevation

MAPI – Messaging Application Programming Interface

MAS – Multiple Address System

MCC – Motor Control Center

MPH – Miles Per Hour

MSDS – Material Safety Data Sheet

MSS – Manufacturer's Standardization Society

MVN – Mississippi Valley – New Orleans (USACE New Orleans District)

NAAMM – National Association of Architectural Metal Manufacturers

NACE – National Association of Corrosion Engineers

NARA – National Archives and Records Administration

NAS – Network Analysis Schedule

NAVD – North American Vertical Datum

NEC – National Electric Code

NEMA – National Electrical Manufacturers Association

NEPA – National Environmental Policy Act

NESC – National Electric Safety Code

NETA – National Electrical Testing Association

NFPA – National Fire Protection Association

NGVD – National Geodetic Vertical Datum

NIST – National Institute of Standards and Technology

NOI – Notice of Intent

NOAA – National Oceanic and Atmospheric Administration

NOT – Notice of Termination

NSRS – National Spatial Reference System

NTP – Notice to Proceed

OD – Original Duration

ODS – Ozone Depleting Substance

OE – Owner’s Engineer

OLD – Orleans Levee District

O&M – Operations and Maintenance

OSHA – Occupational Safety and Health Administration

PC – Personal Computer

PCA – Portland Cement Association

PCCP – Permanent Canal Closures and Pump Stations

PCI – Precast Concrete Institute

PDF – Portable Document Format

PDM – Precedence Diagram Method

P&ID – Piping and Instrument Diagram

PLC – Programmable Logic Controller

PM – Preventative Maintenance

PPE – Personnel Protective Equipment

PPS – Permanent Protection System

PPT – Parts Per Thousand [*salinity measures*]

PSF – Pounds per Square Foot

PSI – Pounds per Square Inch

PVC – Polyvinyl Chloride

QA – Quality Assurance

QC – Quality Control

QCS – Quality Control System

RAM – Random Access Memory

RCRA – Resource Conservation and Recovery Act

RD – Remaining Duration

REA – Request for Equitable Adjustment

RFI – Request for Information

RFP – Request for Proposal

RMS – Resident Management System

RMS – Root Mean Square [*Electrical Context*]

RPM – Revolutions Per Minute

SC – Substantial Completion

SCADA – Supervisory Control and Data Acquisition

SD – Submittal Description

SDB – Small Disadvantaged Business

SDEF – Standard Data Exchange Format

SF – Standard Form

SF – Start to Finish [*scheduling context*]

SFTP – Secure File Transfer Protocol

SI – System Integrator

SID – Structural Interior Design

SLFPAE – Southeast Louisiana Flood Protection Authority - East

SMACNA – Sheet Metal and Air Conditioning Contractors National Association

SSB – Source Selection Board

SSEB – Source Selection Evaluation Board

SSHO – Site Safety and Health Officer

SSPC – Steel Structures Painting Council

S&WB – (New Orleans) Sewerage and Water Board

SWE – Safe Water Elevation

SWL – Still Water Level

SWPPP – Storm Water Pollution Prevention Plan

TBD – To Be Determined

TSD – Treatment, Storage and Disposal

UFAS – Uniform Federal Accessibility Standards

UFC – United Facilities Criteria

UFGS – United Facilities Guide Specification

UL – Underwriters' Laboratories

UPS – Uninterruptable Power Supply

USACE – United States Army Corps of Engineers

USC – United States Code

UV – Ultraviolet

VDC – Volts (Direct Current)

VECP – Value Engineering Construction Proposal

VHS – Video Home System

WAN – Wide Area Network

WBS – Work Breakdown Structure

WOSB – Women-Owned Small Business

End of ACRONYMS

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Permanent Canal Closures and Pumps

Opportunities for Public Input

- To obtain a copy of Section 1010 (Scope of Work) of the Request for Proposals (RFP) for the Permanent Canal Closures and Pumps, visit the IER 5 section of www.nolaenvironmental.gov.
- Public comments regarding the RFP can be submitted between Nov. 20, 2009 and Jan. 30, 2010.
- Public comments can be e-mailed to: permanentpumpstation@usace.army.mil
- Comments can also be sent to:
U.S. Army Corps of Engineers
Hurricane Protection Office -- PCCP
P.O. Box 60267
New Orleans, LA 70160-0267
- Public Comments will be received at the next Community Meeting:
Jan. 21, 2010
Holy Trinity Greek Orthodox Church
1200 Robert E. Lee Blvd, New Orleans
Open House – 6:00 p.m.
Presentation and Discussions – 6:30 p.m.