NYC Wastewater Resiliency Program
Key Safety Responsibilities

• Manage EHS in line with scope, schedule, and budget
• Provide competent and qualified EHS staff including management oversight
• Submit JHAs on a timely basis and address appropriate areas of work
• Conduct daily toolbox / tailgate meetings
• Ensure required and appropriate PPE is always worn on site
• Be alert to safety at all times
WATER SUPPLY
• Deliver one billion gallons of water to nine million New Yorkers every day and maintain 7,000 miles of water mains
• Protect our 2,000 square mile watershed, including 19 reservoirs and three controlled lakes

WASTEWATER TREATMENT
• Treat 1.3 billion gallons of wastewater each day
• Operate and maintain 14 plants, 96 pumping stations, and 7,500 miles of sewers

AIR, NOISE, AND HAZARDOUS WASTE
• Update and enforce the Air Code to reduce local emissions, and regulate hazardous waste and noise pollution
NYC DEP

- **Bureau of Engineering Design & Construction (BEDC)** develops, executes and transitions capital projects to:

  - **Bureau of Water Supply (BWS):**
    - Conveys ~1 billion gallons of drinking water daily
      - 1.2 million acre watershed
      - 19 reservoirs & 3 controlled lakes

  - **Bureau of Water & Sewer Operations (BWSO):**
    - Operation and Maintenance of the City’s drinking water distribution and wastewater collection systems

  - **Bureau of Wastewater Treatment (BWT)** treats ~1,200 million gallons of wastewater daily through:
    - 14 wastewater treatment plants
    - 96 Pumping Stations
    - 4 CSO storage facilities
BEDC Core Values

BEDC’s Mission
To run the safest most environmentally compliant capital construction program in the United States. No accidents, no harm to people, and no harm to the environment.

BEDC Core Values

SAFETY
QUALITY
SCHEDULE
BUDGET
CLIENT SERVICE
DEP Environmental, Health and Safety: Training

- EHS Orientation
- 10hr OSHA Construction Training
- EHS Standards
- Hazard-Specific Training
- Confined Space Entry
- LOTO
- Hazardous Materials
- Housekeeping
- Material Equipment Handling
NYC Wastewater Resiliency Program

• Harden DEP facilities against extreme weather events
• Construction Activity locations
  ▪ Wastewater Treatment Plants
  ▪ Pumping Stations
  ▪ Combined Sewer Outflow (CSO) Storage Facility
  ▪ Landfills
• Funding Sources
  ▪ New York State: Environmental Facilities Corporation (EFC)
  ▪ Federal: FEMA
Scope Item Example – Elevate / Flood Proof

- Elevate small pumps
- Flood-proof sludge pumps by replacing with submersible
- Elevate control panels and instrumentation
Scope Item Example – Seal Buildings / Pathways

- Add Sealants, Waterproof Doors/Hatches, Seal Penetrations and Reroute Vents
- Install Watertight Doors
- Install Watertight Windows
- Raise Vents and Louvers
Scope Item Example – Conduit Repair / Replace

Overhead conduit runs

Above ground conduit
JOC
- Contract for Fixed Term or Maximum Dollar Value
- Bid Adjustment Factors
- Future job orders

Unit Price Book
- NYC Prices
- Designed around DEP type of work

Assignments
- Fixed unit prices with Adjustment Factors applied
- Reconciliation on quantities and schedules
- Non-pre-priced items (as applicable)
Anticipated Construction Contracts

- 22 Prime Contracts**
  - 8 issued in Round 1
  - 8 issued in Round 2
  - 6 issued in Round 3
- Contract Ranges
  - 9 between $600K and $7M
  - 13 between $15M and $30M
- M / WBE 30% goal

**These contracts will be subject to the 2015 DEP Renovation & Rehabilitation PLA
• Project Labor Agreement (PLA)

  • An agreement by an owner (here, the City) with construction trades that all bidders must agree to as part of a responsive bid.

  • Subcontractors to be used by prime contractors on a City contract with a PLA must also agree to the terms of the PLA to be approved.
• The PLA adjusts labor standards across PLA signatory trades including (but not limited to) holidays, overtime and shift pay
  • Adjustments apply to all trades that signed the PLA – which does not include Operating Engineers

• The PLA Does NOT change the base hourly rate of pay and benefits
Adjustments in the DEP Renovation PLA

- Eight (8) hours at Straight Time for day shift
- Eight (8) common holidays
- Four (4) days by ten (10) hour schedule available
- All overtime Monday to Saturday at 1.5 rate
- Shift work at 1.05 x base rate
- Saturday as ‘weather make-up’ Day at Straight Time
PLA: Key Concepts

- Bidders that assent to the PLA need not be signatory to any other union agreement (thus, open shop contractors that don’t have union agreements are able to agree and bid)

- Key concept is that all of the provisions in the PLA apply to all contractors and all subcontractors—on those City projects subject to a PLA
• Key concept is that under PLAs, contractors and subcontractors use union labor referred by the PLA signatory building trades (open shop and M/WBE contractors have “bring-along” provisions)

• All benefits for trade workers (including “bring alongs”) will be paid to union benefit funds on a timely basis—where workers are not union members, they are ‘agency shop fee payers’ and will acquire union benefits without becoming union members per se.
NYC PLAs and DSBS Certified M/WBEs

- New York City (DSBS) certified M/WBE firms receive specific “bring-along” for contracts under $1M:
  - For contracts at or below $500k – 2nd, 4th, 6th, 8th workers per trade
  - For contracts between $500k and $999k – 2nd, 5th, 8th workers per trade
NYC PLAs and DSBS Certified M/WBEs

- Any person (including M/WBE “bring alongs”) working in a trade capacity under a PLA, whether for the contractor or a subcontractor, that is not a member of the affiliated Building Trades Unions, must be registered with the appropriate PLA signatory union benefit fund [Article 11, Section 2]; and are subject to an agency shop fee [Article 4, Section 6].

- DSBS Certified M/WBE firms that are or become union signatories (to a local that signed the PLA) get to bring all employees for the applicable trade subject to union standards of proficiency.
Tips For Contractors and Subcontractors

Prior to bidding:

- Carefully review the 2015 DEP Renovation PLA (including Schedule A CBAs relevant to the work you are bidding on) and the current Comptroller’s Labor Law Schedule 220.

- Know the trade classifications and PLA labor standards that will be employed on the contract.

- Take escalation into account when factoring labor wage costs into the bid price.