



Consultants Open House

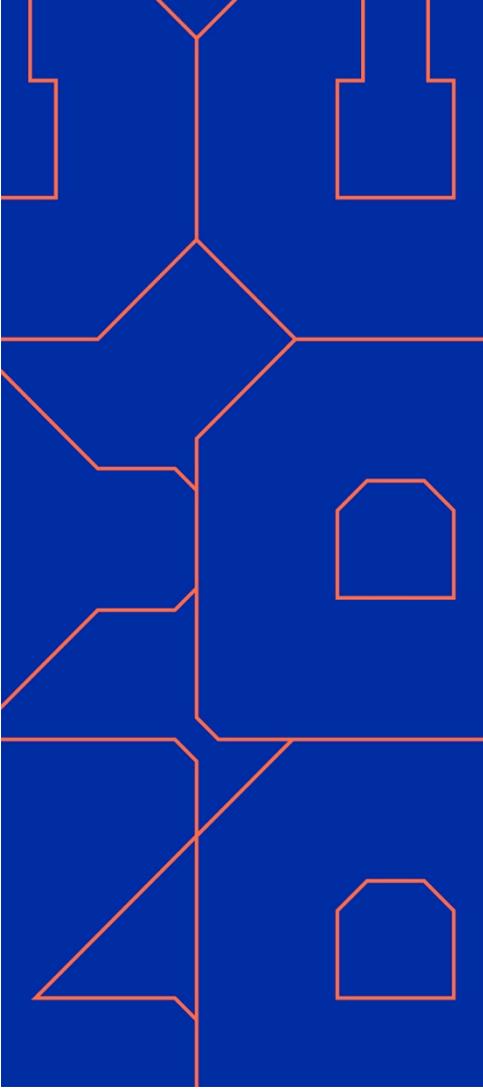
Dr. Feniosky Peña-Mora
Commissioner

**Department of
Design and Construction**



**“Change will come building by building,
block by block, neighborhood by
neighborhood...requiring new technologies
and innovative thinking.”**

-Mayor Bill de Blasio



Process Improvements

**Agency-wide Improvement
Snapshots**

PAYMENT PROCESSING TIME – June 2015

PARTIALS AND CHANGE ORDERS *Quartile durations for completed payments per unit*

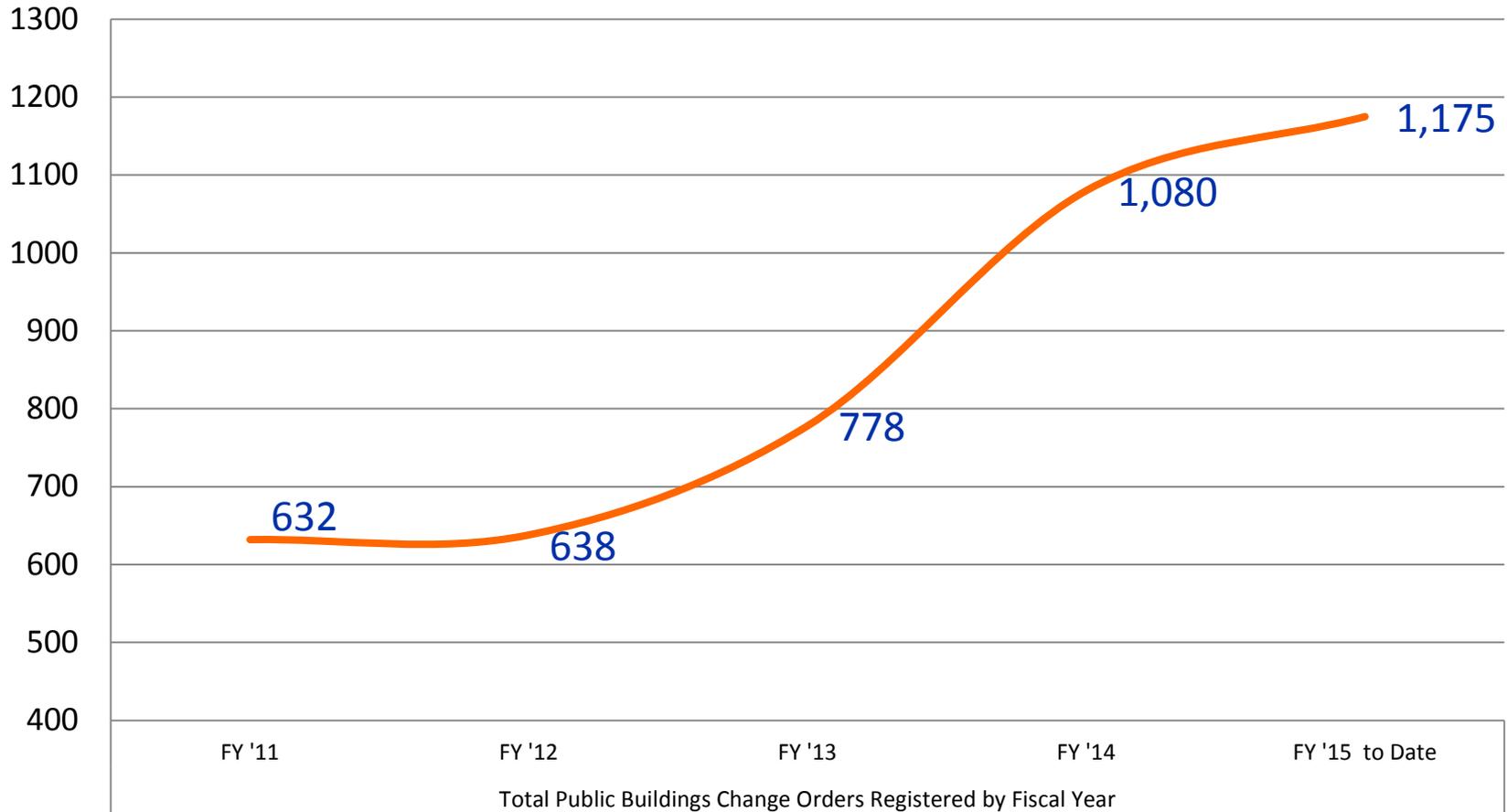
PIMS

DIVISION	No. of Payments	Contractor Submission (15 ccids)					3030 Proj Mgt (5 ccids)					EAO (5 ccids)					CFO Auditing (5 ccids)					FISA (5 ccids)					Total DDC Days (20 ccids)					Total Process (30 ccids)					Total Days (45 ccids)																																		
DDC	1043	0					1043					0					1043					66					977					1					1042					3					1040					4					1039					1					1042				
		1	2	7	20	434	1	1	1	3	160	1	3	5	7	62	1	1	3	5	245	1	6	7	8	38	1	7	9	14	251	5	14	17	21	257	8	20	28	42	508																														
		17.0					4.2					5.8					4.2					7.7					13.0					20.3					37.1																																		
Infrastructure	1037	0					1037					0					1037					64					973					1					1036					3					1034					4					1033					1					1036				
		1	2	7	20	434	1	1	1	3	160	1	3	5	7	62	1	1	3	5	245	1	6	7	8	38	1	7	9	14	251	5	14	17	21	257	8	20	28	42	508																														
		16.9					4.2					5.8					4.1					7.7					13.0					20.3					37.0																																		
Public Buildings	6	0					6					0					6					2					4					0					6					0					6					0					6														
		2	18	25	35	59	1	1	5	16	20	1	1	3	7	7	4	4	6	6	14	1	4	8	12	13	8	11	14	15	25	14	15	25	25	32	27	34	49	57	74																														
		27.2					7.8					3.5					7.5					7.3					14.2					21.2					48.3																																		

LEGACY

DIVISION	No. of Payments	Contractor Submission (15 ccids)					RE/CPM (5 ccids)					EAO (5 ccids)					CFO Auditing (5 ccids)					FISA (5 ccids)					Total DDC Days (20 ccids)					Total Process (30 ccids)					Total Days (45 ccids)																																		
DDC	2729	68					2661					0					2729					0					2729					0					2729					1					2728					0					2729					10					2719				
		1	5	11	23	1469	1	1	1	3	157	1	2	4	6	41	1	1	2	4	65	1	5	5	6	284	1	8	13	18	196	6	15	20	25	297	4	24	33	47	1479																														
		19.9					4.2					4.7					3.1					6.0					15.3					22.8					41.9																																		
Infrastructure	949	23					926					0					949					0					949					0					949					0					949					8					941														
		1	7	14	25	389	1	1	1	3	129	1	1	3	5	31	1	1	2	4	61	1	5	5	6	113	1	8	13	19	136	6	14	20	26	143	8	26	35	48	430																														
		20.2					3.9					3.7					2.7					5.6					15.3					22.5					42.3																																		
Public Buildings	1662	39					1623					0					1662					0					1662					0					1662					1					1661					0					1662					2					1660				
		1	4	9	22	1469	1	1	1	4	157	1	2	5	7	41	1	1	2	4	65	1	4	5	6	284	1	9	13	17	196	7	15	19	24	297	4	22	31	47	1479																														
		20.3					4.5					5.4					3.3					6.2					15.4					23.1					42.5																																		
Safety & Site Support	118	6					112					0					118					0					118					0					118					0					118					0					118														
		1	2	6	13	136	1	1	1	2	34	1	2	4	6	17	1	1	3	5	10	1	5	5	6	10	3	8	12	16	43	8	14	19	22	49	14	21	26	32	150																														
		10.7					2.7					4.2					3.0					5.4					12.9					19.8					29.5																																		

PUBLIC BUILDINGS CHANGE ORDERS



CHANGE ORDERS – AGENCY WIDE

Start of the Study – Public Buildings

Change orders processed: **794**

Total from discovery to registration: **367 Days**

From discovery to completed negotiated submission: **211 Days**

Completed negotiated submission to registration: **160 Days**

Goal

Total from discovery to registration: **180 Days**

From discovery to completed negotiated submission: **90 Days**

Completed negotiated submission to registration goal: **90 Days**

EXPECTED REGISTRATIONS FY15

Public Buildings - \$1.42B

Capital: \$555M

Expense: \$865M

Infrastructure - \$1.01B

Capital: \$991M

Expense: \$23M

Total
\$2.43B
Largest
Ever

LOCAL LAW 1

FY2014 prime contracts subject to MWBE program

\$127,520,478

13%

34% increase

FY2015 (Q1 – Q3) prime contracts subject to MWBE program

\$133,688,000

17%

Citywide Goals

Industry	Asian	Black	Hispanic	Women	Total MWBE
Construction Services	8%	8%	4%	18%	38%
Goods (Below \$100,000)	8%	7%	5%	25%	45%
Professional Services	No Goals	12%	8%	17%	37%
Standardize Services	3%	12%	6%	10%	31%

DDC Goals

FY '14 July, 2013 – June 2014		FY '15 (Q1-Q3) July 2014 – April 2015	
Goal	Actual	Goal	Actual
11%	15%	25%	23%

MAYORAL AND DDC VISIONS

Growth

Excellence

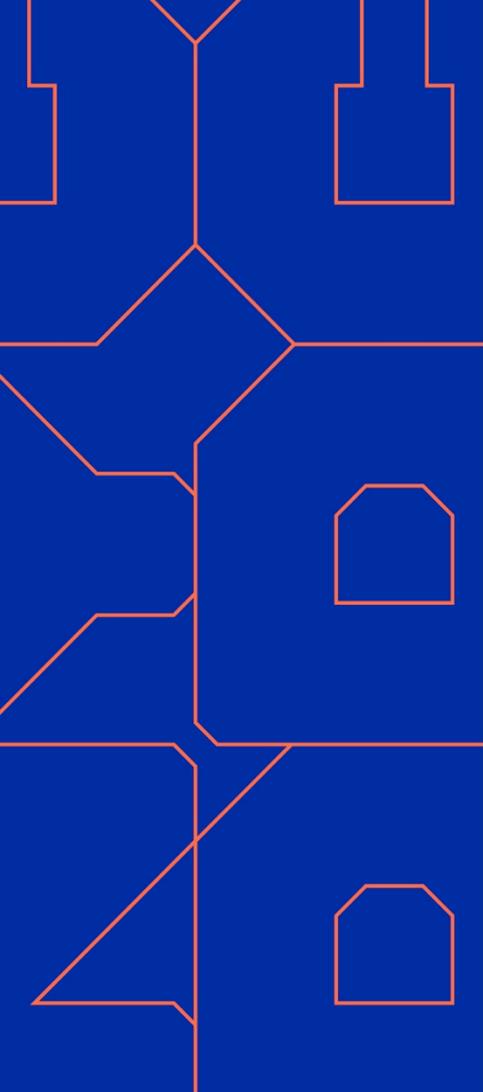
Sustainability

Resiliency

Healthy Living

Equity





Design Requirement Contracts

Margaret Castillo, AIA, LEED AP
Chief Architect

OFFICE OF THE CHIEF ARCHITECT



Definition

Design Liaisons and Design Strategic Initiatives

Value

Link Public Buildings and Infrastructure

New Staff

Director of Design and Construction Excellence

Design Excellence 2.0

Growth, Equity, Sustainability, Resiliency, Healthy Living
Clarity, Intent, Value, Innovation, and Collaboration

Glen Oaks Library, Marble Fairbanks
Queens Library

NEW REQUEST FOR PROPOSALS

RFP Challenges

Thoroughly read the RFP and the new Design Guide

Think about the team, and possible joint ventures

Join us in thinking fresh about Design and Construction
Excellence 2.0

Zerega Avenue EMS Station, Smith-Miller + Hawkinson Architects

12 FDNY

NEW REQUEST FOR PROPOSALS

XSmall

Up to \$2 million

1-5 professional staff

Small

\$2 - \$10 million

1-20 professional staff

Medium

\$10 - \$20 million

21 - 50 professional staff

Large

Over \$20 million

21 and over professional staff



Children's Library Discovery Center, 1100 Architect
Queens Library

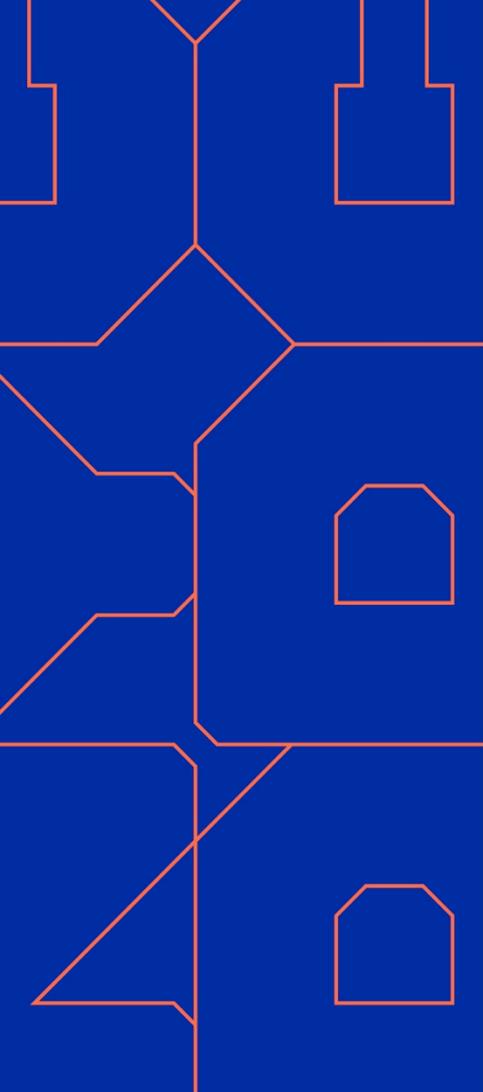
DESIGN CONSULTANT GUIDE

Updated July 2015

Letter from the Commissioner

**Emphasis on Growth, Equity, Sustainability, Resiliency
Healthy Living**

New fee curve

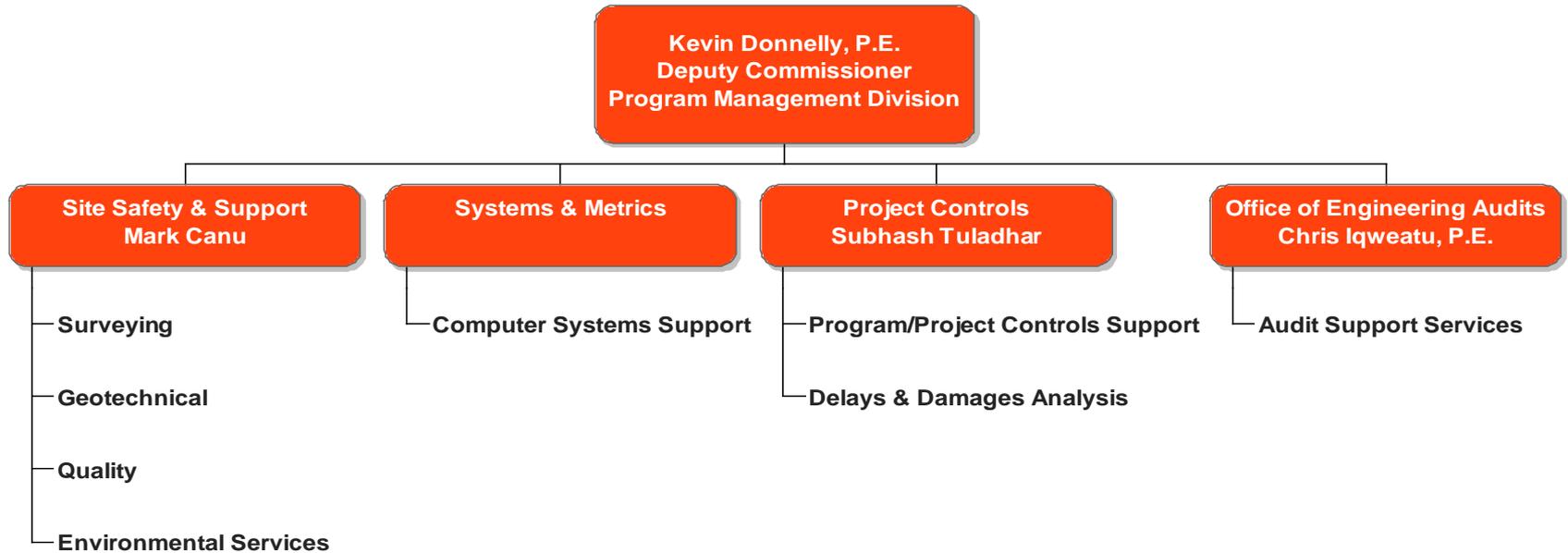


Program Management

Kevin Donnelly, P.E.
Deputy Commissioner

New Program Management Division

Merges cross-cutting support functions



CONSTRUCTION QUALITY AND LAND SURVEYING SERVICES

Type of Services	Consultants	Terms	Value
Inspection	Bureau Veritas	5 yr	\$1.5 M
Testing	Material Testing	5 yr	\$1.5 M
Land Surveying	HAKS, N&P, Maser, KS Engineering Tectonic, Montrose, Langan, Rogers Thayer	2 yrs	\$38.5 M
Vault Surveying Services	HAKS	4 yrs	\$1.5 M
BMP Surveying Services	Badey & Watson	4 yrs	\$1.5 M
		Total:	\$42.5 M

ENVIRONMENTAL AND GEOTECHNICAL SUPPORT SERVICES

Type of Services	Consultants	Terms	Value
Environmental	LiRo, Louis Berger, Hazen & Sawyer/AKRF	4 yrs @ \$4.5 M	\$18 M
	Hazen & Sawyer/AKRF, AKRF	6 yrs	\$32 M
Geotechnical	CDM Smith, URS, YU/Parsons	4 yrs @ \$5.5 M	\$15 M
Air Monitoring	KAM (4 Years)	4 yrs @ \$5 M	\$5 M
Abatement	B&G Restoration, D&S Restoration, Air Tek	3-5 yrs	\$11 M
Bulk Sampling	KAM (3 Years)	3 yr @ \$0.35 M	\$0.35 M
Boring	Aquifer Drilling & Testing, Warren George	4 yrs	\$12 M

WHAT TO WATCH FOR

Contract Audit Support Services

Program and Project Controls Support Contract

RFP

Multi-year

Delay and Damages Analysis Support

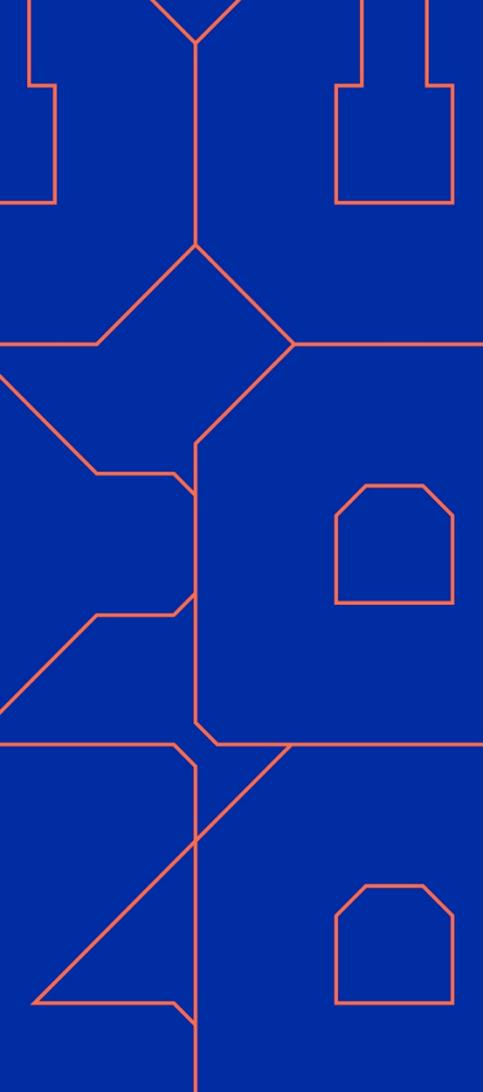
RFP

Multi-award Requirements

Strict Conflict of Interest clause

Environmental Services

Renewal of existing contracts



Office of Engineering Audit

Chris Igweatu, PE
Engineering Audit Officer

PRIORITIES

Independent audit and certification of payments and change orders

Contract compliance

**Compliance with Comptroller and other NYC directives,
NYC Administrative Code, NY State laws**

WHAT TO WATCH FOR

Proper preparation of invoices and documentation – avoid payment delay

- Submittal of documentation to support charges

- Documentation for T&M work – labor, equipment and materials

- Cancelled checks for reimbursable charges

Compliance with Labor Law 220 –Prevailing Wage Requirements

- Certified payroll and payment of supplemental benefits

- Prime contractor and subcontractor responsibilities

Proper change order scope and preparation of change order proposal

- Understanding the scope of the original contract

- Compliance with Article 26 requirements on costs and limitations

- Prompt submission of change order requests from contractors

- Claims versus change orders

CONSULTANT SERVICES

Various consultant services

CM manage, CM/Build, CM Design/Build, REI, Testing, Specialists
Geotechnical and Surveying Services.

Staffing

Plan and approvals, hourly rates, fee for profit, basic fee, multipliers, fixed fee, extension of time

Change Orders, Task Orders, Work Orders

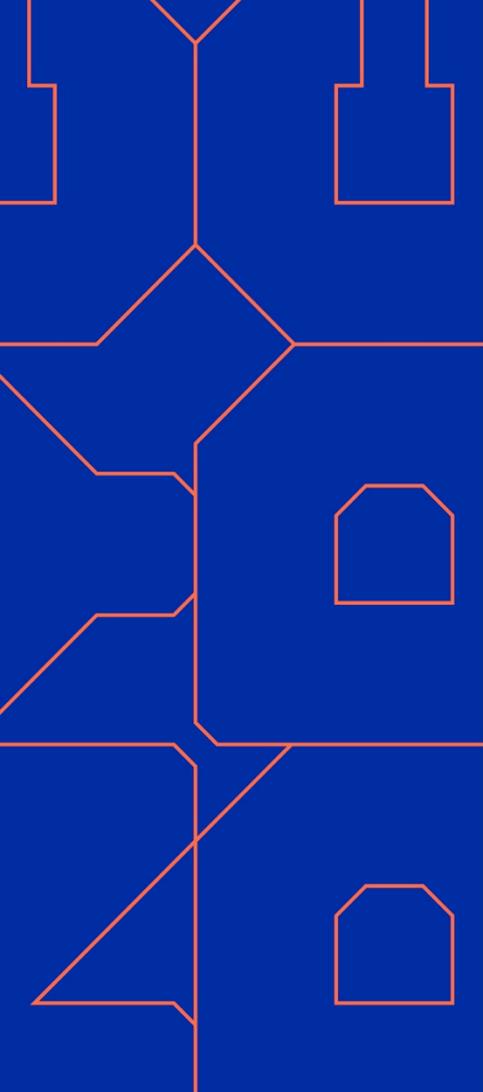
Documentation for T&M work, reimbursables , non-reimbursables, allowance reallocation

Sub-consultants

Additional services, reimbursables, non-reimbursable Services

Payments

Limitations, Article 7, rates, reports and approvals

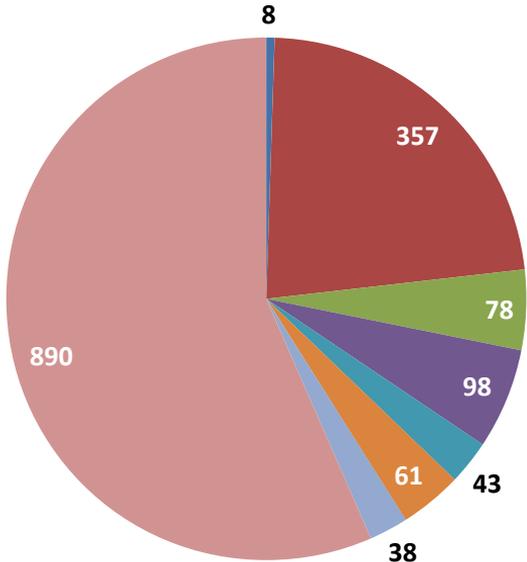


Public Buildings

Christine Flaherty, CCM
Associate Commissioner,
Public Buildings

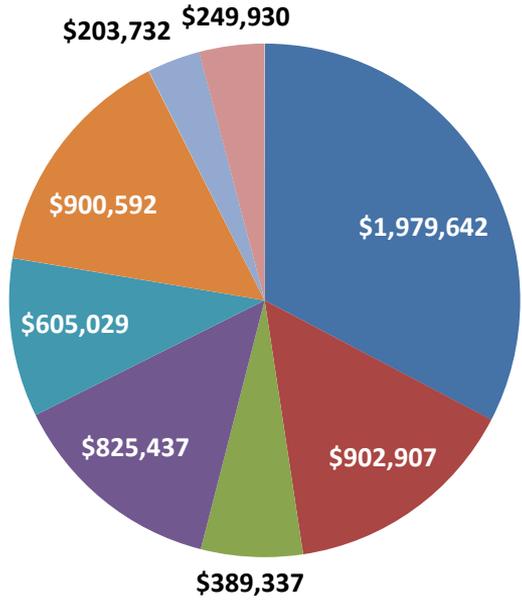
CONSTRUCTION CONTRACTS LET-OUT AND ONGOING

1,574



- Executive Projects
- Libraries/Pass Through
- Human Services/DCAS/PlanNYC
- Culturals/Parks
- Sanitation/Transportation
- Corrections/Courts/Health
- Fire/Police
- Build it Back

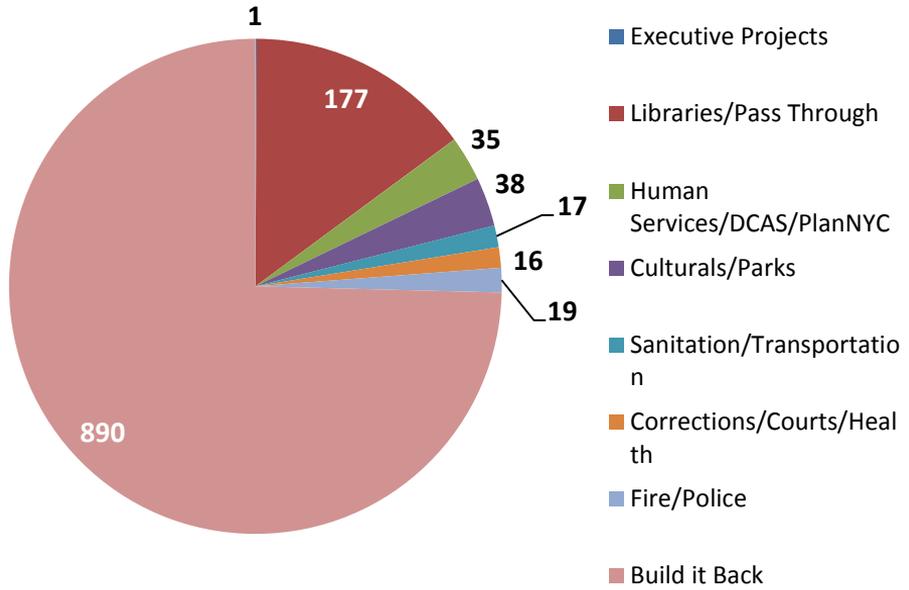
Total \$6.05B



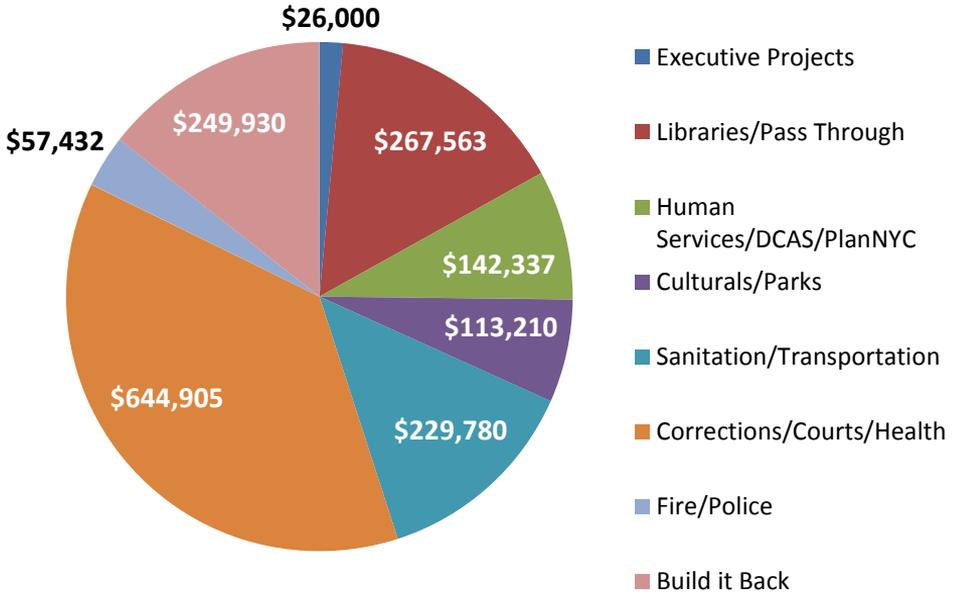
- Executive Projects
- Libraries/Pass Through
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- Corrections/Courts/Health
- Fire/Police
- Build it Back

CONTRACTS PRE-DESIGN AND DESIGN

Total 1193



Total \$1.73B



CURRENT AND FUTURE WORK

Current On-Call Design Agreements

D+CE: 26 (6 L, 20 S)

CM: 5

MEP Engineering: 5

Historic Preservation: 3 (New)

Exterior Envelope Restoration: 3

Roof Replacement: 3 (New)

Commissioning: 4 (New)

Special Inspections: 3

Total: 52

Upcoming Opportunities

D+CE FY2017

CM to be re-procured FY2017

MEP engineering to be re-procured FY2017

Commissioning to be re-procured FY2017

Special Inspections to be re-procured FY2017

Approximately 30 new projects in pipeline to be awarded to on-call design firms.

CURRENT CONSULTANT CONTRACTS

Services	Firms Awarded	Total Values Awarded to date Contract Duration
Construction Management	<ol style="list-style-type: none">1. Turner2. Jacobs3. LiRo4. Hill International5. HAKS	\$25.3 M Dec. 2012-Dec. 2015
Roof/Façade Designs	<ol style="list-style-type: none">1. Acheson Doyle2. Thornton Tomasetti3. Hoffman Architects	\$1.9M Dec. 2014-Dec. 2017
Commissioning	<ol style="list-style-type: none">1. Horizon Engineering2. Dome Tech/NORESKO	\$1.9M Aug. 2011-Dec. 2015
Special Inspections and Laboratory Testing	<ol style="list-style-type: none">1. HAKS2. Tectonic3. Universal	\$5.3 M Aug. 2013 – Aug. 2016
MEP Engineering	<ol style="list-style-type: none">1. Goldman Copeland2. Tetra Tech3. Joseph Loring4. Syska Hennessy5. WSP USA	\$18.5 M April 2015 – April 2017

CURRENT ARCHITECTURAL CONTRACTS

CONTRACTS	FIRMS AWARDED	TOTAL FEES AWARDED
D+CE LARGE	Ennead Architect Studio Gang Architect Steven Holl Architects Enrique Norton BIG Architecture Allied Work Architecture	\$7.9 M
D+CE SMALL	Claire Weisz Architects Smith-Miller+Hawkinson Yoshihara McKee Rice Architecture Wendy Evan Joseph Biber Architects nArchitects Moorhead & Moorhead Leven Betts, Ltd Spacesmith, LLP Stageberg Architecture Abruzzo Bodziak Arch. Studio SUMO Gray Organschi Arch. Belmont Freeman Arch. MPdI Design & Arch. Leroy Street Studio HS2 FREE Hanrahan Meyers Arch. Matthew Baird Architects	\$8.9 M

UPCOMING CONSULTANT OPPORTUNITIES

CONTRACT TYPE	DESCRIPTION	CV SCALE (\$M)
REQUIREMENTS	CM SERVICES	\$300
REQUIREMENTS	DESIGN EXCELLENCE (4 MULTIPLE TIERS)	\$350
REQUIREMENTS	MECHANICAL ELECTRICAL PLUMBING	\$175
COURTS	45 MONROE PLACE – ELECTRICAL, FIRE ALARM, ELEVATOR	\$5.4
COURTS	QUEENS SUPREME COURT – 10 ELEVATOR MODERIZATIONS	\$7.9
POLICE	DESIGN SERVICES – FLOYD BENNETT FIELD CPSD	TBD
FIRE & POLICE	MULTIPLE DESIGN & CM OPPORTUNITIES	\$25
LIBRARIES	DESIGN SERVICES – MULTIPLE DESIGN OPPORTUNITIES	\$0.5 - \$20
DOT	HARPER STREET ASPHALT PLANT	TBD
CHILDREN'S SERVICES	DESIGN SERVICES – HORIZON JUVENILE CENTER	\$15
SANITATION	DESIGN SERVICES – MULTIPLE FACILITIES	TBD

UPCOMING - LARGEST CLIENT PROGRAMS

CONTRACT TYPE	PROGRAM UNIT/CLIENT AGENCY	SCALE (\$M)
DESIGN & CM	SANITATION & TRANSPORTATION	\$900+
DESIGN & CM	CORRECTIONS	\$500+ (TBD)
DESIGN & CM	CULTURALS & PARKS	\$800+
DESIGN & CM	POLICE, FIRE & COURTS	\$400+
DESIGN	LIBRARIES – NYPL, BPL & QPL	\$300+
DESIGN	DEPARTMENT OF HOMELESS SERVICES & DCAS/HUMAN SERVICES	\$300+
DESIGN	HEALTH	\$100+
DESIGN & CM	ADMINISTRATION OF CHILDREN'S SERVICES	\$40+
DESIGN & CM	DEP	\$50+
DESIGN	ONENYC	\$50+

WHAT TO WATCH FOR

Federal Program

Build it Back

Sub-consultant opportunities with CM/Design/Build

Tishman - Queens

LiRo - Brooklyn

SLS - Staten Island

Additional Procurement Needs

Increased pool of consultants (A&E & CM's)

Similar sized firms competing with peers

Increased use of PQL's for contracting GC's

WHAT TO WATCH FOR

Metrics Bases Consultant Evaluation

Increased emphasis on quality of design and specifications

Meeting major milestones

Completeness and proactive communication of project impacts

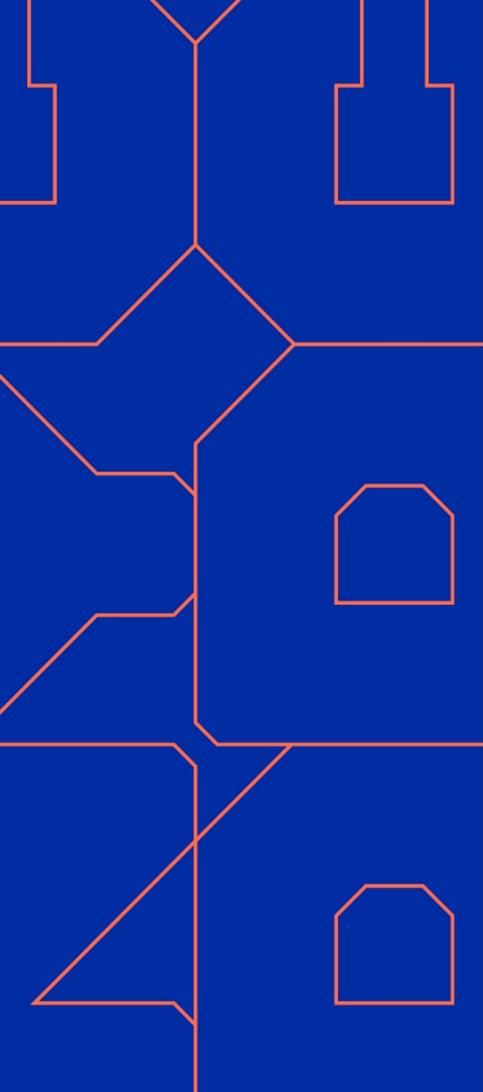
Establishing time and budget contingencies during entire life cycle

Increased focus with all consulting firms

Budget, schedule and scope management

Sensitivity to the client's key priorities

Integration of OneNYC visions

The left side of the image features a dark blue background with intricate orange line art. The patterns include a grid of squares and rectangles, some with internal lines, and several irregular polygons that resemble architectural elements or stylized letters. The overall aesthetic is modern and geometric.

Federally Funded Build it Back

HRO/DDC

CM Queens



Design

Construction

CM Brooklyn



Design

Construction

CM Staten Island



Design

Construction

Contractors & Sub-Consultants

HRO/DDC

CM Queens



Flora Ramos

Flora.Ramos@aecom.com

Jeffrey Dodd

Jeffrey.Dodd@aecom.com

CM Brooklyn



Architecture:

Joanna Pestka

Pestkaj@liro.com

Other inquiries:

Charles Malicki

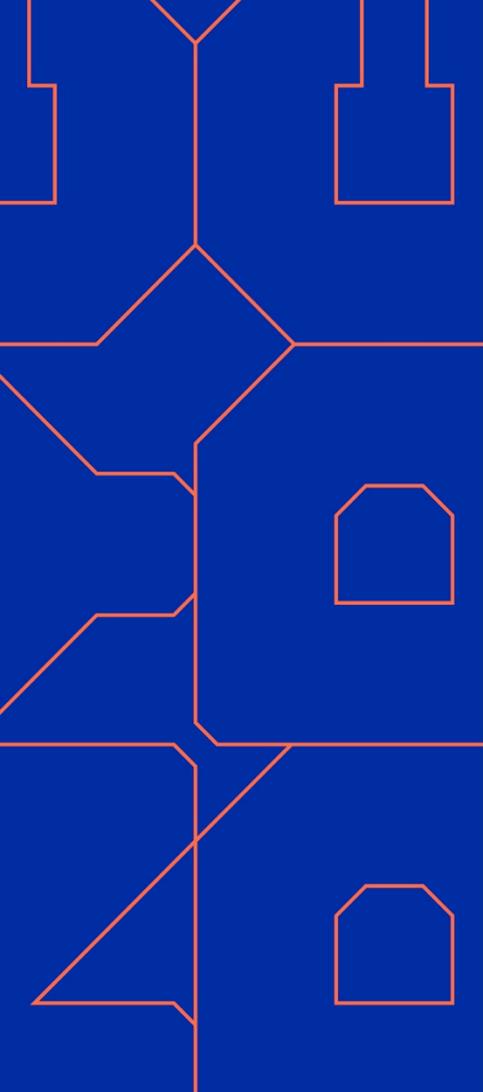
MalickiC@liro.com

CM Staten Island



Jorge Luaces

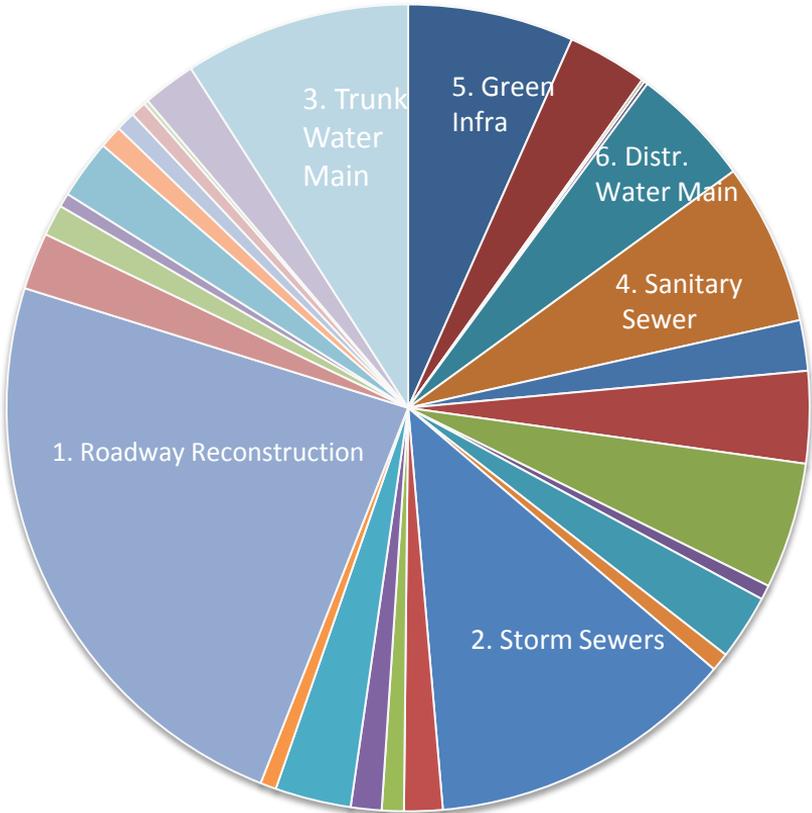
Jluaces@csagroup.com



Engineering Consultant Engagement Opportunities

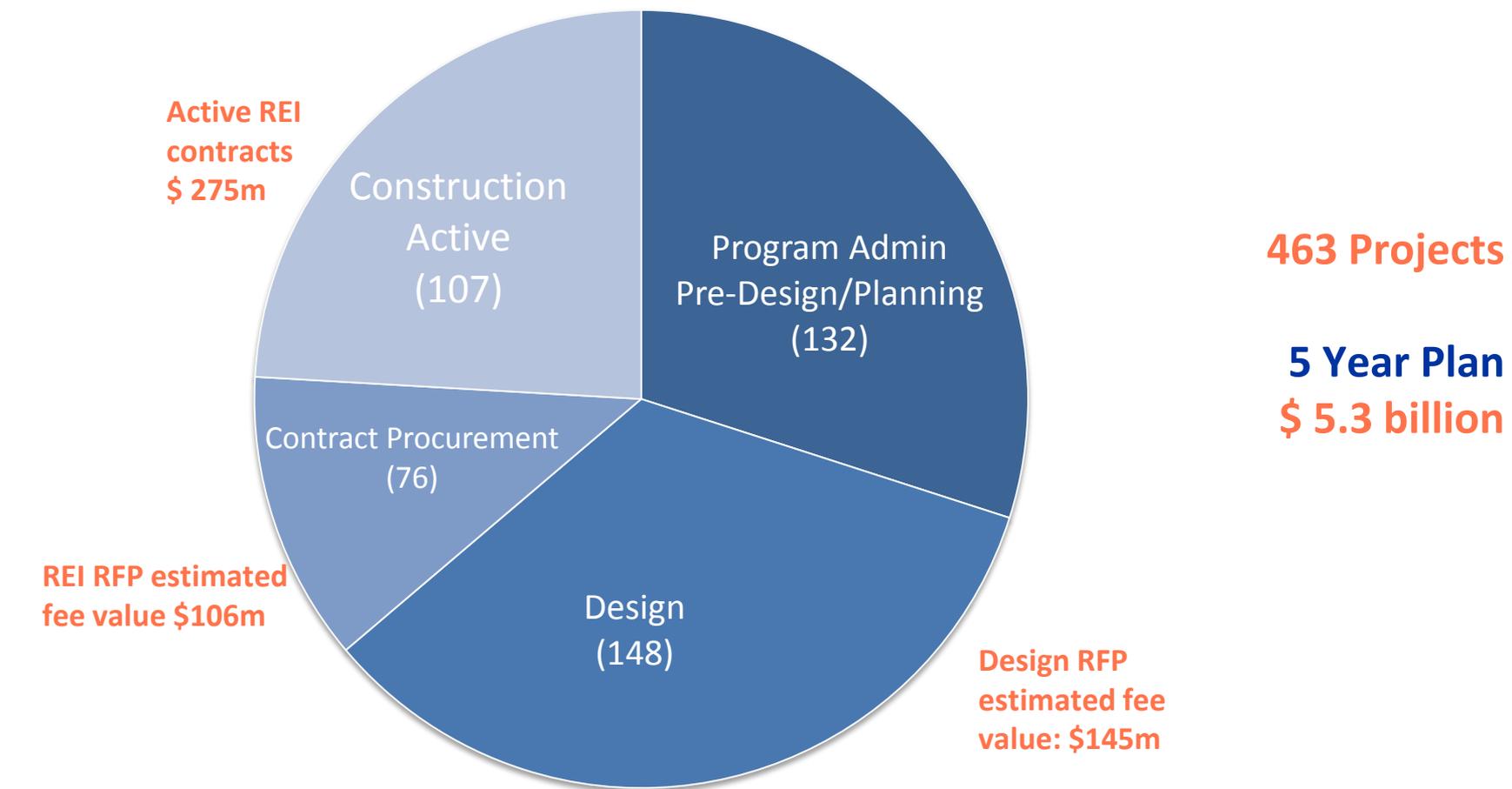
Eric Macfarlane, P.E.
Deputy Commissioner
Infrastructure

INFRASTRUCTURE TOP NINE PROJECT TYPES



- 3rd Water Tunnel Project
- Bluebelt project
- Catch Basins
- Combined Sewers
- Distribution water mains
- Emerg repair
- Green Infra
- HIGH LEVEL STORM SEWRS
- Infra Development
- Intersection Improvement
- Milling
- New Sanitary sewers
- New Storm sewers
- Pedestrian Bridge
- Pedestrian ramps
- Pedestrian Safety Impr
- Plaza
- Retaining Wall
- Roadway Reconstruction
- Sanitary sewer reconstruction
- School Safety Program
- Select Bus Service impr
- Sewer rehabilitation
- Sidewalk Maintenance
- South Queens Flood Mitigation
- Special Project
- Step Street
- Streetscape
- Trunk Water Main

INFRASTRUCTURE – PHASES AND EST. DOLLAR VALUE



INFRASTRUCTURE CONSULTANT DESIGN CAPACITY

Contract Type	No. of Contracts	MWBE Requirement	Award Criteria	Capacity	T/O Assignment	Balance Remaining Tru FY18
Small	3	18%	By Boro. < \$10 m	\$ 15 mil	\$ 7 mil	\$ 8 mil
Large	3	18%	By Boro. >\$10 m	\$ 24 MIL	\$ 18 mil	\$ 6 mil
RLA	3	18%	By Boro.	\$ 15 mil	\$ 4 mil	\$ 11 mil
			Total	\$ 54 mil	\$ 29 mil	\$ 25 mil

Contract Type	No. of Contracts	MWBE Requirement	Award Criteria	Capacity	T/O Assignment	Balance Remaining Tru FY18
Small	10	18%	Mini-RFP <\$ 8m	\$ 80 mil	\$ 0	\$ 80 mil
Large	10	18%	Mini-RFP >\$ 8m	\$ 80 mil	\$ 44 mil	\$ 36 mil
RLA	5	20%	Mini-RFP	\$ 25 mil	\$ 0	\$ 25 mil
			Total	\$ 185 mil	\$ 44 mil	\$ 141 mil

Grand Total	\$ 239 mil	\$ 73 mil	\$ 166 mil
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UPCOMING DESIGN WORK

Location Borough	Lead Project ID	Project Description	Project Type	Current Contract Status	Estimated Construction Cost
Queens	HWQ100SBS	WOODHAVEN BLVD SBS	Select Bus Service + DEP Infrastructure	Pre-Preliminary Design	\$150,000,000
Bronx	HWX421AW	THROGS NECK - PHASE III	Roadway Reconstruction + DEP Infrastructure	Pre-Preliminary Design	\$45,000,000
Bronx	HWXP138	HOLLERS AVENUE	Roadway Reconstruction + DEP Infrastructure	Pre-Preliminary Design	\$10,000,000
Brooklyn	HWK700B	COLUMBIA STREET	Roadway Reconstruction + DEP Infrastructure	Pre-Preliminary Design	\$35,000,000
Queens	HWQ1682	SHORE FRONT PARKWAY	Roadway Reconstruction + DEP Infrastructure	Pre-Preliminary Design	\$35,000,000
Queens	HWQ631B3	SOMMERVILLE AREA PHASE 3	Roadway Reconstruction + DEP Infrastructure	Pre-Preliminary Design	\$25,000,000
					\$300,000,000

\$ 275 MILLION ACTIVE REI ENGINEERING REQUIREMENT CONTRACTS

Contract Type	No. of Staff	No. of Contracts	MWBE Participation	Capacity	T/O Assignment	Balance Remaining
*Small	Less than 50	7	6%	\$ 56 mil	\$ 54 mil	\$ 2mil
**Large	50 or more	7	6%	\$ 56 mil	\$ 68 mil	\$ 0 mil
			Total	\$ 112 mil	\$ 122 mil	(\$ 10 mil)

Specific REI Projects by Borough	Total Contracts Value
Brooklyn	\$ 14 mil
Bronx/ North Queens	\$ 30 mil
South Queens	\$ 35 mil
Staten Island	\$ 15 mil
Manhattan	\$ 59 mil
Total	\$ 153 mil

* Small assignment < \$ 5 mil Est. Constr.

** Large Assignment < \$ 5 mil Est. Constr.

IN-PROCESS 1 YEAR REI ENGINEERING REQUIREMENT CONTRACTS

Contract Type	No. of Staff	No. of Contracts	MWBE Participation	Capacity	T/O Assignment	Balance Remaining
*Small	Less than 60	10	15%	\$ 150 mil	\$ 0 mil	\$ 150 mil
**Large	60 or more	10	15%	\$ 150 mil	\$ 0 mil	\$ 150 mil
			Total	\$ 300 mil	\$ 0 mil	\$ 300 mil

NEW 3 YEARS REI ENGINEERING REQUIREMENT CONTRACTS

Procurements	No. of Staff	Contract Type	No. of Contracts & Total Value	MWBE participation	Category of contract to be awarded
1	Less than 5	Micro	5 @ \$5M ea.	0%	Est. Fee is less than \$500K
2	5 to less than 50	Small	8 @ \$12M ea.	17%	Est. Constr. Cost up to \$15 mil
3	50 to Less than 100	Medium	7 @ \$15M ea.	20%	Est. Constr. Cost \$8mil to \$15 mil
4	100 or more	Large	10 @ \$20M ea.	30%	Est. Constr. Cost More than \$15 mil

QUALIFICATION BASED SELECTION

Challenge

Engage the best engineering design and CM Firms who have not traditionally sought City work due to the limitations of the procurement process and the perceived lack of interest in design quality and improved construction management practices.

Solution

Modify the procurement process by eliminating fee competition and emphasizing qualifications and expertise in selecting consultants.

RFP – KEY DEBRIEFING FACTORS

Examples that focus on projects types under consideration

Depth of qualified staff

- Available resources to support projects and maintain schedules
- Relevant experience and competence to perform DDC projects
- Ability to provide technical support services during construction

Strategic approach

- Project management objectives : budget , schedule , safety
- Critical milestones and constructability issues
- Design organization: project team experiences
- REI organization: project team experiences
- Innovative proposals or concepts of relevance

Financial resources

- Ability to meet expenses pending City reimbursement



**Department of
Design and
Construction**