



Office of the
Inspector General
Commonwealth of Massachusetts

Gregory W. Sullivan
Inspector General

An Analysis of Construction
Projects Within the
Commonwealth:
January 2006 through
December 2006

August 2007



The Commonwealth of Massachusetts
Office of the Inspector General

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Dear Public Official:

The Office of the Inspector General prepared this report to estimate public agency spending on construction projects within the commonwealth. This office intends this report to assist public officials in identifying what types of projects account for capital expenditures. Specifically this analysis:

- identifies a structure category and type of work category for construction projects listed in the Central Register from January 2006 through December 2006, and
- presents frequency and value for projects based on structure category, work category, and government entity.

We acknowledge and appreciate the assistance of the Office of the Secretary of State for providing us with Central Register data for the time period analyzed in this report.

I hope that this report will assist the legislature and public officials to better understand where construction dollars are potentially being spent.

Please do not hesitate to contact my staff with any questions you may have. As always, I welcome your suggestions.

Sincerely,

Gregory W. Sullivan
Inspector General

cc: William Francis Galvin, Secretary of the Commonwealth
Members of the Special Commission on Public Construction Reform

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Purpose

The Office of the Inspector General reviewed and analyzed construction project data for a year-long period (January 2006 through December 2006). In light of the legislature's enactment of construction reform legislation, this office anticipates that this data will be useful to state agencies, municipalities, and others to identify what types of projects account for capital expenditures. This is intended to be a reference tool.

The Central Register

Much of the data analyzed in this report comes from the Central Register. The Central Register is a weekly publication produced by the Secretary of the Commonwealth. The Central Register includes a variety of information on state, county and municipal construction contracts, design contracts, material purchases and real estate transactions. Construction, reconstruction, renovation, repair, demolition, maintenance or the purchase of supplies valued at \$10,000 or more must be advertised in the Central Register. Design services must be advertised as well if the estimated construction cost is \$100,000 or more. Jurisdictions must submit project information to the Central Register on specific forms (See Appendix A).

Methodology

The Secretary of State's office provided this office with detailed information concerning contracts advertised in the Central Register for calendar year 2006.

This office categorized each contract award by type of work and by type of structure. For example, a contract that involved repairs on a town hall would have been categorized as *Maintenance* (type of work) and *Town/City Hall* (type of structure). Construction of a new high school would have been categorized as *New Construction* (type of work) and *School – Primary or Secondary* (type of structure). Tables One and Two present a brief description for each of the categories used in this classification.

This report presents the construction project data in several ways. First, the report gives information on the frequency and value of types of work and structures by presenting the top few categories in each and providing a brief description of the projects in each category. This report then presents information for the most frequent and highest value type and structure categories for state and municipal contracts. Finally, this report contains data tables with complete information for each category in Appendix B.

TABLE ONE: DESCRIPTION OF STRUCTURE CATEGORIES

<i>Structure Category</i>	<i>Description</i>
Airport	All airports and related structures
Bridge	All bridges and related structures
City or Town Hall	All city or town halls
Community Facility	All municipal-owned facilities not classified elsewhere
Court House	All court houses and related structures
DPW Garage	All public works garages and related structures
Fire Station	All fire stations and related structures
Harbor/Marina/Waterway	Any structure that is related to waterways (i.e. docks, boat ramps, fish runs) except for boat terminals
Hospital/Health Facility	All hospitals and health related facilities
Housing	All housing and related structures
Jail/Prison	All jails, prisons, detention centers and related structures
Landfill/Waste Treatment Facility	All landfills or waste treatment facilities and related structures
Library	All libraries and related structures
Other Structure	All structures not elsewhere categorized (i.e. sound barriers or cemeteries)
Park/Open Space	All parks or open spaces
Parking Facility	All parking facilities and related structures
Police Station	All police stations and related structures
Recreation Facility	All recreation facilities, except parks (i.e. community pools, ice arenas)
Road	All roads and related work
School - Higher Education	All state colleges and related structures
School - Primary or Secondary	All elementary, middle and high schools and related structures
Water/Sewer Infrastructure	Any structure related to the physical infrastructure of water and/or sewer systems
Street Signs and Lights/Traffic Lights	All street signs, lights, and traffic lights
Transportation Structure	All transportation structures, except airports (i.e. bus and ferry terminals, train stations)
Unknown Structure	Any unidentifiable structure
Utility Structure	All utility structures, except water/sewer
Water/Sewer Treatment Facilities	All water and sewer treatment facilities

Source: Prepared by Office of the Inspector General staff.

TABLE TWO: DESCRIPTION OF WORK CATEGORIES

<i>Work Category</i>	<i>Description</i>
ADA	All Americans with Disabilities Act and Section 504 of the Rehabilitation Act compliance, handicap accessibility
Asbestos	All asbestos related work
Construction Project Management	All project management work
Consulting Services	All consulting services except project management and design
Demolition	All demolition work
Design Services	All design, architectural, and engineering services
Electrical	All electrical work
Elevators	All elevator work
Fire/Security Systems	All fire and security system work
Garages/Parking Lots	All garage and parking lot paving and related work
HVAC	All heating, ventilation, and air conditioning work
Lease/Rent of Equipment	All leasing and/or renting of equipment
Maintenance	All routine repair or maintenance work including landscaping, road line painting and crack sealing, street cleaning, etc.
Masonry	All masonry work
Miscellaneous	All construction projects not elsewhere categorized, except services
New Construction	All new construction
Other Services	All services not elsewhere categorized (i.e. courier services)
Painting	All painting work
Purchase of Equipment	Any purchase of equipment
Purchase of Supplies	Any purchase of supplies
Renovations	All renovation work including replacement of infrastructure, repaving or resurfacing a roadway, multiple activities
Road Work	All new roads and sidewalks
Roofing	All roofing work
Testing Services	All testing services
Unknown	Any work which cannot be determined to be services or construction
Waste	All waste services, except construction on a landfill or waste facility
Water/Sewer	All water and sewer infrastructure work
Windows	All window work

Source: Prepared by Office of the Inspector General staff.

The Central Register published 911 contract awards during the review period of January 2006 through December 2006. This office refined the data from the Central Register to include only unique contract awards with a total dollar value listed for the award amount. As a result, the analysis did not include 70 contracts that had no total contract dollar value and nine real property contracts. The resulting dataset included 832 construction contract awards totaling \$694,029,553.

**TABLE THREE:
COUNT OF CONTRACT AWARDS**

<i>Register Year</i>	<i>Count</i>	<i>Value</i>
2006	832	\$694,029,553

Source: Prepared by Office of the Inspector General staff.

Contract Awards by Structure Category

The top five structure categories in the Central Register are Water/Sewer Infrastructure (111 contracts), School – Higher Education (104 contracts), Community Facility (85 contracts), School – Primary or Secondary (85 contracts), and Housing (83 contracts).

In terms of dollar value, the top five structure categories are Water/Sewer Infrastructure (\$137,847,846), Other Structure (\$62,109,453), School – Primary or Secondary (\$61,393,982), School – Higher Education (\$50,793,276), and Housing (\$48,768,927).

**TABLE FOUR:
MOST FREQUENT STRUCTURE CATEGORIES**

<i>Category</i>	<i>Count</i>	<i>Percent of Total Awards</i>
Water/Sewer Infrastructure	111	13.3%
School – Higher Education	104	12.5%
Community Facility	85	10.2%
School – Primary or Secondary	85	10.2%
Housing	83	10.0%

Source: Prepared by Office of the Inspector General staff.

**TABLE FIVE:
HIGHEST VALUE STRUCTURE CATEGORIES**

<i>Category</i>	<i>Value</i>	<i>Percent of Total Awards</i>
Water/Sewer Infrastructure	\$137,847,846	19.9%
Other Structure	\$62,109,453	8.9%
School – Primary or Secondary	\$61,393,982	8.8%
School – Higher Education	\$50,793,276	7.3%
Housing	\$48,768,927	7.0%

Source: Prepared by Office of the Inspector General staff.

Water/Sewer Infrastructure Projects

Water/Sewer Infrastructure represents a significant number of the construction contracts awarded during this time period. As stated earlier, Water/Sewer Infrastructure projects represent the highest number and largest total dollar value of construction contracts awarded. Of the 832 awards examined by this office, 111 (13.3%) were Water/Sewer Infrastructure projects. Out of the 111 projects, renovation projects occurred most frequently, representing 57 (51.4%) contracts. Other types of projects within

Water/Sewer Infrastructure include Maintenance projects, 16 (14.4%); Unknown, nine contracts (8.1%); and Design Services, six contracts (5.4%).

**TABLE SIX:
MOST FREQUENT WATER/SEWER
INFRASTRUCTURE PROJECTS**

<i>Work Category</i>	<i>Count</i>	<i>Percent of Water/Sewer Infrastructure contracts</i>
Renovations	57	51.4%
Maintenance	16	14.4%
Unknown	9	8.1%
Design Services	6	5.4%

Source: Prepared by Office of the Inspector General staff.

School – Primary or Secondary Projects

Public schools represent a significant number of the contracts awarded during this time period. As stated earlier, School – Primary or Secondary represents the third largest number and third highest dollar value of construction contracts awarded. Of the 832 awards examined by this office, 85 (10.2%) were School – Primary or Secondary projects. Out of the 85 school projects, renovation projects occurred most frequently, representing 33 (38.8%) contracts. Other types of projects within School – Primary or Secondary include Roofing, 16 (18.8%), Design Services, seven contracts (8.2%), and Fire/Security Systems, six contracts (7.1%).

Additionally, during the time period examined, three new school construction contracts were listed in the Central Register. These three contracts represent 3.5% of the total number of primary or secondary school contracts. The total value of these contracts is

\$744,540. This represents 1.5% of the total dollar valuation of School – Primary or Secondary contracts.

**TABLE SEVEN:
MOST FREQUENT
SCHOOL – PRIMARY OR SECONDARY PROJECTS**

<i>Work Category</i>	<i>Count</i>	<i>Percent of School – Primary or Secondary contracts</i>
Renovations	33	38.8%
Roofing	16	18.8%
Design Services	7	8.2%
Fire/Security Systems	6	7.1%

Source: Prepared by Office of the Inspector General staff.

The City of Lynn awarded 13 School – Primary or Secondary contracts during this time period. These 13 contracts represent 15.3% of all primary or secondary school projects. The City of Lynn's awards include six renovation contracts, with another three for roofing. The Town of Lexington awarded six (7.1%) projects while Barnstable, Cambridge and Concord each awarded four (4.7%) contracts.

**TABLE EIGHT:
MOST FREQUENT MUNICIPAL
SCHOOL – PRIMARY OR SECONDARY CONTRACT AWARDS**

<i>Municipality</i>	<i>Count</i>	<i>Percent of School – Primary or Secondary Contracts</i>
Lynn	13	15.3%
Lexington	6	7.1%
Barnstable	4	4.7%
Cambridge	4	4.7%
Concord	4	4.7%

Source: Prepared by Office of the Inspector General staff.

School – Higher Education Projects

Projects at higher education facilities appear second most often in the Central Register and represent the fourth highest dollar value at \$50,793,276 (7.3%). Of the 832 contracts, 104 (12.5%) are categorized as School – Higher Education. Renovation projects occurred most frequently. Of the 104 higher education projects, 37 (35.6%) contracts were for renovations. Other types of higher education projects included Design Services, 23 projects (22.1%); and Roofing and Fire/Security Systems, each with six (5.8%) projects.

**TABLE NINE:
MOST FREQUENT SCHOOL – HIGHER EDUCATION PROJECTS**

<i>Work Category</i>	<i>Count</i>	<i>Percent of School – Higher Education contracts</i>
Renovations	37	35.6%
Design Services	23	22.1%
Fire/Security Systems	6	5.8%
Roofing	6	5.8%

Source: Prepared by Office of the Inspector General staff.

Housing Projects

Projects at facilities owned by housing authorities appear fifth most often in the Central Register and represent the fifth highest total dollar value of contracts. Of the 832 contracts, 83 (10.0%) are categorized as Housing representing \$48,768,927 (7.0%) in spending. Of the 83 housing projects 36 (43.4%) were for renovations, 12 (14.5%) were for roofing, eight (9.6%) were for fire/security systems, and six (7.2%) were for windows.

**TABLE TEN:
MOST FREQUENT HOUSING PROJECTS**

<i>Work Category</i>	<i>Count</i>	<i>Percent of Housing contracts</i>
Renovations	36	43.4%
Roofing	12	14.5%
Fire/Security Systems	8	9.6%
Windows	6	7.2%

Source: Prepared by Office of the Inspector General staff.

Other Structure Projects

Other Structures represented the second highest total dollar value and the sixth highest number of contracts. Other Structure projects accounted for \$62,109,453 (8.9%) of the total \$694,029,553 and 72 (8.7%) of the total 832 projects. Out of the 72 projects, renovation projects occurred most frequently, representing 18 (25.0%) contracts. Other projects in this category included Demolition, 13 (18.1%), and Design Services, 12 (16.7%).

Community Facility Projects

Of the 832 total projects, 85 (10.2%) were Community Facility contracts, ranking third in number of contracts and eighth in dollar value of contracts with \$ 42,628,087 (6.1%). Renovation projects occurred most frequently with 23 (27.1%) projects. Additionally, 18 (25.0%) projects were Roofing, ten (13.9%) were Design Services and nine (12.5%) were Windows.

Contract Awards by Type of Work Category

The top four type of work categories in the Central Register are Renovations (322 contracts), Design Services (79 contracts), Roofing (72 contracts), and Maintenance (53 contracts).

In terms of dollar value, the top descriptions are Renovations (\$310,442,582), New Construction (\$123,053,269), Unknown (\$73,037,092), Design Services (\$36,881,111), and Maintenance (\$29,900,966).

**TABLE ELEVEN:
MOST FREQUENT WORK CATEGORIES**

<i>Category</i>	<i>Count</i>	<i>Percent of Total Awards</i>
Renovations	322	38.7%
Design Services	79	9.5%
Roofing	72	8.7%
Maintenance	53	6.4%

Source: Prepared by Office of the Inspector General staff.

**TABLE TWELVE:
HIGHEST VALUE WORK CATEGORIES**

<i>Category</i>	<i>Value</i>	<i>Percent of Total Awards</i>
Renovations	\$310,442,582	44.7%
New Construction	\$123,053,269	17.7%
Unknown	\$73,037,092	10.5%
Design Services	\$36,881,111	5.3%
Maintenance	\$29,900,966	4.3%

Source: Prepared by Office of the Inspector General staff.

Renovation Projects

Renovation projects represent the highest number and total dollar value of construction contracts awarded. Of the 832 projects, 322 (38.7%) were renovation projects. Of the 322 renovation projects, 57 (17.7%) were Water/Sewer Infrastructure projects. School – Higher Education renovations accounted for 37 (11.5%) projects while Housing renovations represented 36 (11.9%) projects. Roadway renovations and renovation work on primary and secondary schools accounted for 33 (10.2%) projects each.

**TABLE THIRTEEN:
MOST FREQUENT RENOVATION PROJECTS**

<i>Structure Category</i>	<i>Count</i>	<i>Percent of Renovation contracts</i>
Water/Sewer Infrastructure	57	17.7%
School – Higher Education	37	11.5%
Housing	36	11.9%
Road	33	10.2%
School – Primary or Secondary	33	10.2%

Source: Prepared by Office of the Inspector General staff.

Design Services Projects

Design Services projects appear second most often in the Central Register and represent the fourth highest dollar value at \$36,881,111 (5.3%). Of the 832 total contracts awarded during the period examined in this report 79 (9.5%) are for design services. School – Higher Education projects represented 23 (29.1%) of the design service projects. Other types of design services projects included Other Structure, 12 (15.2%); Community Facility, 10 (12.7%); School – Primary or Secondary, seven (8.9%); and Water/Sewer Infrastructure, six (7.6%).

**TABLE FOURTEEN:
MOST FREQUENT DESIGN SERVICES PROJECTS**

<i>Structure Category</i>	<i>Count</i>	<i>Percent of Design Services contracts</i>
School – Higher Education	23	29.1%
Other Structure	12	15.2%
Community Facility	10	12.7%
School – Primary or Secondary	7	8.9%
Water/Sewer Infrastructure	6	7.6%

Source: Prepared by Office of the Inspector General staff.

Maintenance Projects

Maintenance projects represent the fourth largest number and fifth highest total dollar value of construction contracts awarded. Of the 832 awards examined by this office, 53 (6.4%) were maintenance projects. Out of the 53 maintenance projects, Water/Sewer Infrastructure maintenance projects occurred most frequently, representing 16 (30.2%) contracts. Other types of maintenance projects include Road, 10 (18.9%); and Other

Structure, Park/Open Space and School – Higher Education, with five (9.4%) contracts each.

**TABLE FIFTEEN:
MOST FREQUENT MAINTENANCE PROJECTS**

<i>Structure Category</i>	<i>Count</i>	<i>Percent of Maintenance contracts</i>
Water/Sewer Infrastructure	16	30.2%
Road	10	18.9%
Other Structure	5	9.4%
Park/Open Space	5	9.4%
School – Higher Education	5	9.4%

Source: Prepared by Office of the Inspector General staff.

New Construction

New Construction projects represented the fifth highest number and the second largest total dollar value of construction contracts awarded. Of the 832 awards examined by this office, 33 (4.0%) are categorized as New Construction with a value of \$123,053,269 (17.7%). Out of the 33 projects, Community Facility and Police Station projects occurred most frequently, representing five (15.2%) contracts each. Other common types of projects within New Construction include Water/Sewer Infrastructure, four (12.1%); and Fire Station and School – Primary or Secondary projects which each represent three (9.1%) of the contracts awarded.

Roofing Projects

Of the 832 total projects, 72 (8.7%) were Roofing contracts, ranking third in number of contracts and seventh in dollar value of contracts with \$20,022,853 (2.9%). Community

Facility roofing projects occurred most frequently with 18 (25.0%) projects. Additionally, 16 (22.2%) projects were School – Primary or Secondary and 12 (16.7%) were Housing projects.

Contract Awards by Government Entity

The top government entity category in the Central Register is Town/City (513), followed by State with 295 contracts, County (18 - this includes county-level purchasing entities that were formed or that remained after the legislature abolished certain county-level governments), and School District (six).

State is the top government entity category in terms of dollar amount with \$372,749,996. Town/City contracts follow with \$317,974,844. County and School District contracts had a combined value of \$3,304,713.

**TABLE SIXTEEN:
MOST FREQUENT GOVERNMENT ENTITY CATEGORIES**

<i>Category</i>	<i>Count</i>	<i>Percent of Total Awards</i>
Town/City	513	61.7%
State	295	35.5%
County	18	2.2%
School District	6	0.7%

Source: Prepared by Office of the Inspector General staff.

**TABLE SEVENTEEN:
HIGHEST VALUE GOVERNMENT ENTITY CATEGORIES**

<i>Category</i>	<i>Value</i>	<i>Percent of Total Awards</i>
State	\$372,749,996	53.7%
Town/City	\$317,974,844	45.8%
County & School District	\$3,304,713	0.5%

Source: Prepared by Office of the Inspector General staff.

Municipal Contracts

The Town of Franklin's 35 contracts represent the highest number of construction contracts awarded by a municipality totaling \$11,100,422, eighth among municipalities in total dollar value. The City of Springfield's construction contract awards number 30 and total \$8,509,941, ranking second in number and ninth in total dollar value of contract awards by a municipality. Both Cambridge and the City of Lynn awarded 29 contracts, representing the third highest number of construction contracts awarded by a municipality. The City of Cambridge's contracts totaled \$20,161,928, third overall and the City of Lynn's contracts totaled \$11,899,791, seventh overall. The City of Boston's 28 contracts ranked fourth overall in number and fifth overall in dollar value at \$15,483,766. The Town of Bedford's contract awards total \$35,631,085 and represent the largest value of construction contracts awarded by a municipality, while ranking sixteenth (three) in number of contract awards. The City of Lowell awarded four construction contracts, fifteenth amongst municipalities. These contract awards total \$22,081,950, second amongst municipalities. The town of Concord has the ninth highest number of construction contract awards (10), while ranking fourth (\$15,555,833) in value of contract awards.

**TABLE EIGHTEEN:
MOST FREQUENT MUNICIPAL
CONSTRUCTION CONTRACT AWARDS**

<i>Municipality</i>	<i>Count</i>	<i>Percent of Total Awards</i>
Town of Franklin	35	6.8%
City of Springfield	30	5.8%
City of Cambridge	29	5.7%
City of Lynn	29	5.7%
City of Boston	28	5.5%

Source: Prepared by Office of the Inspector General staff.

**TABLE NINETEEN:
HIGHEST VALUE MUNICIPAL
CONSTRUCTION CONTRACT AWARDS**

<i>Municipality</i>	<i>Value</i>	<i>Percent of Total Awards</i>
Town of Bedford	\$35,631,085	11.2%
City of Lowell	\$22,081,950	6.9%
City of Cambridge	\$20,161,928	6.3%
Town of Concord	\$15,555,833	4.9%
City of Boston	\$15,483,766	4.9%

Source: Prepared by Office of the Inspector General staff.

State Contracts

At the state agency level, the Division of Capital Asset Management awarded construction projects with the greatest total dollar value (\$139,630,306) and the largest number (57). Most often the Division awarded contracts for Design Services (19 projects totaling \$13,637,600). Renovations represented 12 projects (\$14,915,520), Demolition represented six projects (\$4,787,438), and Fire/Security Systems, Maintenance, and New Construction represented three projects each, with Fire/Security

Systems totaling \$6,958,300, Maintenance totaling \$3,331,949 and New Construction totaling \$71,902,898.

The Massachusetts Water Resources Authority awarded the second highest dollar value of construction contracts, totaling \$116,373,533. The Water Resources Authority's 53 contracts represent the second most contracts awarded by a state agency. The Water Resources Authority's awards included 20 contracts for renovation projects (\$46,963,579), nine for maintenance projects (\$7,428,823), and five for design services projects (\$7,876,029).

The Massachusetts Port Authority awarded the third largest number of construction contracts (42), which represents the third highest total dollar value of contracts (\$66,895,120). Most often the Port Authority awarded contracts for renovations (19 projects totaling \$46,834,592).

The University of Massachusetts – Amherst awarded the fourth greatest dollar value of construction contracts, totaling \$19,943,067. This represents 37 contract awards, fourth most amongst state agencies. Most often the School awarded renovation contracts (12 projects totaling \$5,940,227).

**TABLE TWENTY:
MOST FREQUENT STATE AGENCY
CONSTRUCTION CONTRACT AWARDS**

<i>State Agency</i>	<i>Count</i>	<i>Percent of Total Awards</i>
Div. of Capital Asset Management	57	19.3%
Massachusetts Water Resources Authority	53	18.0%
Massachusetts Port Authority	42	14.2%
University of Massachusetts - Amherst	37	12.5%
Department of Mental Retardation	18	6.1%

Source: Prepared by Office of the Inspector General staff.

**TABLE TWENTY-ONE:
HIGHEST VALUE STATE AGENCY
CONSTRUCTION CONTRACT AWARDS**

<i>State Agency</i>	<i>Value</i>	<i>Percent of Total Awards</i>
Div. of Capital Asset Management	\$139,630,306	37.5%
Massachusetts Water Resources Authority	\$116,373,533	31.2%
Massachusetts Port Authority	\$66,895,120	17.9%
University of Massachusetts – Amherst	\$19,943,067	5.4%
Massachusetts Bay Transportation Authority	\$6,197,011	1.7%

Source: Prepared by Office of the Inspector General staff.

Appendix A: Forms for Submitting Project Information

AWARDING AUTHORITY:

AGENCY:

PROJECT NUMBER:

Designer's Fee:

Estimated Construction Cost:

Time Period for Completed Project:

CONTACT INFORMATION:

PHONE:

FAX:

Name:

EMAIL:

CONTRACT INFORMATION:

PROJECT:

SCOPE:

SPECIFIC DESIGNER SERVICES

☐ Architect☐ Landscape Architect☐ Planner☐ Programmer☐ Engineer☐ Land Surveyor☐ Space Planner☐ Project Manager☐ Other Specify

DEADLINE FOR APPLICATION FORM:

PROJECT PROGRAM AVAILABILITY:

BRIEFING SESSION:

ADDITIONAL INFORMATION

AWARDING AUTHORITY:

AGENCY:

PROJECT NUMBER:

Designer's Fee:

Estimated Construction Cost:

Time Period for Completed Project:

CONTACT INFORMATION:

PHONE:

FAX:

Name:

EMAIL:

CONTRACT INFORMATION:

PROJECT:

SCOPE:

SPECIFIC DESIGNER SERVICES

☐ Architect☐ Landscape Architect☐ Planner☐ Programmer☐ Engineer☐ Land Surveyor☐ Space Planner☐ Project Manager☐ Other Specify

DEADLINE FOR APPLICATION FORM:

PROJECT PROGRAM AVAILABILITY:

BRIEFING SESSION:

ADDITIONAL INFORMATION

CR-2

CENTRAL REGISTER - GENERAL CONTRACT

Public Contracts that are construction related and estimated to exceed \$10,000. Published two weeks prior to general bid opening.

AWARDING AUTHORITY AND PROJECT INFORMATION

AGENCY:

PROJECT NUMBER:

ESTIMATED COST:

CONTRACTOR QUALIFICATION:

*(required for building contracts over \$25,000 and
highway contracts over \$50,000)*

PROJECT:

CONTACT INFORMATION:

PHONE

FAX:

Name:

EMAIL:

PLANS/SPECIFICATIONS AVAILABLE
(place, date and time)

CONTRACT INFORMATION:

SUB BID DEADLINE:
(date and time)

GENERAL BID DEADLINE:
(date and time)

SUB BID CATEGORIES:

ADDITIONAL INFORMATION:

CR-2

CENTRAL REGISTER - GENERAL CONTRACT

Public Contracts that are construction related and estimated to exceed \$10,000. Published two weeks prior to general bid opening.

AWARDING AUTHORITY AND PROJECT INFORMATION

AGENCY:

PROJECT NUMBER:

ESTIMATED COST:

CONTRACTOR QUALIFICATION:

*(required for building contracts over \$25,000 and
highway contracts over \$50,000)*

PROJECT:

CONTACT INFORMATION:

PHONE

FAX:

Name:

EMAIL:

PLANS/SPECIFICATIONS AVAILABLE
(place, date and time)

CONTRACT INFORMATION:

SUB BID DEADLINE:
(date and time)

GENERAL BID DEADLINE:
(date and time)

SUB BID CATEGORIES:

ADDITIONAL INFORMATION:

CR-3 CENTRAL REGISTER - ACQUISITION OR DISPOSITION OF REAL PROPERTY

The proposed sale, rental, acquisition or disposition of public property which is 2,500 sq.ft. or more. Must be published 30 days prior to the proposed deadline.

AWARDING AUTHORITY:		
AGENCY:	PROJECT NUMBER:	
	PROPOSAL DEADLINE DATE AND TIME:	
CONTACT INFORMATION:	PHONE	FAX:
Name:	Email:	
DESCRIPTION OF PROPERTY:		
ESTIMATED VALUE, SOURCE OF VALUATION:		
ADDITIONAL INFORMATION:		

AWARDING AUTHORITY:		
AGENCY:	PROJECT NUMBER:	
	PROPOSAL DEADLINE DATE AND TIME:	
CONTACT INFORMATION:	PHONE	FAX:
Name:	Email:	
DESCRIPTION OF PROPERTY:		
ESTIMATED VALUE, SOURCE OF VALUATION:		
ADDITIONAL INFORMATION:		

AWARDING AUTHORITY:

AGENCY:

PROJECT NUMBER:

PROJECT TYPE:

CONTACT INFORMATION:

PHONE:

FAX:

Name:

EMAIL:

DESCRIPTION:

CONTRACT AWARDED TO:

CONTRACT AMOUNT:

Sub Contract Award:

AWARDING AUTHORITY:

AGENCY:

PROJECT NUMBER:

PROJECT TYPE:

CONTACT INFORMATION:

PHONE:

FAX:

Name:

EMAIL:

DESCRIPTION:

CONTRACT AWARDED TO:

CONTRACT AMOUNT:

Sub Contract Award:

AWARDING AUTHORITY:

AGENCY:

PROJECT NUMBER:

PROJECT:

CONTACT

PHONE:

FAX:

NAME:

EMAIL:

Type vendor name and addresses not previously submitted below. No additional information will be published.

Vendor Names/AddressesVendor Names/Addresses

Appendix B: Complete Data Tables

**Table B-1:
Count of Construction Projects by Structure Category**

Structure Category	Count
Water/Sewer Infrastructure	111
School - Higher Education	104
Community Facility	85
School - Primary or Secondary	85
Housing	83
Other Structure	72
Road	47
Hospital/Health Facility	25
Airport	24
Recreation Facility	18
City or Town Hall	18
DPW Garage	18
Police Station	17
Transportation Structure	16
Court House	16
Fire Station	15
Unknown Structure	14
Park/Open Space	14
Parking Facility	10
Water/Sewer Treatment Facilities	10
Library	9
Jail/Prison	7
Utility Structure	4
Harbor/Marina/Waterway	4
Street Signs and Lights/Traffic Lights	3
Bridge	3
Total Count	832

Source: Prepared by Office of the Inspector General staff.

**Table B-2:
Value of Construction Projects by Structure Category**

Structure Category	Value
Water/Sewer Infrastructure	\$137,847,846
Other Structure	\$62,109,453
School - Primary or Secondary	\$61,393,982
School - Higher Education	\$50,793,276
Housing	\$48,768,927
Airport	\$47,719,338
Court House	\$45,582,647
Community Facility	\$42,628,087
Fire Station	\$33,773,356
Police Station	\$26,190,359
Road	\$23,793,647
Parking Facility	\$23,031,320
Water/Sewer Treatment Facilities	\$19,148,425
Transportation Structure	\$18,144,087
City or Town Hall	\$14,943,008
Recreation Facility	\$9,278,274
DPW Garage	\$8,402,897
Hospital/Health Facility	\$5,871,387
Park/Open Space	\$5,453,367
Unknown Structure	\$3,102,171
Harbor/Marina/Waterway	\$1,747,650
Jail/Prison	\$1,311,164
Library	\$1,084,282
Street Signs and Lights/Traffic Lights	\$889,467
Utility Structure	\$614,931
Bridge	\$406,207
Total Value	\$694,029,553

Source: Prepared by Office of the Inspector General staff.

**Table B-3:
Count of Construction Projects by Structure Category and Work Category**

Structure Category	Work Category	Count
Water/Sewer Infrastructure	Renovations	57
	Maintenance	16
	Unknown	9
	Design Services	6
	Other Services	4
	New Construction	4
	Electrical	3
	Consulting Services	3
	Purchase of Supplies	2
	HVAC	2
	Demolition	1
	Purchase of Equipment	1
	Miscellaneous	1
	Asbestos	1
	Testing Services	1
Water/Sewer Infrastructure Total		111
School - Higher Education	Renovations	37
	Design Services	23
	Roofing	6
	Fire/Security Systems	6
	Painting	5
	Maintenance	5
	Garages/Parking Lots	5
	HVAC	5
	Asbestos	3
	Electrical	3
	Unknown	2
	Windows	1
	ADA	1
	Miscellaneous	1
	New Construction	1
School - Higher Education Total		104
Community Facility	Renovations	23
	Roofing	18
	Design Services	10
	Windows	9
	New Construction	5
	HVAC	5
	Painting	3
	Fire/Security Systems	2
	Maintenance	2

Structure Category	Work Category	Count
Community Facility cont.	Elevators	2
	Electrical	1
	Other Services	1
	Miscellaneous	1
	ADA	1
	Construction Project Management	1
	Unknown	1
Community Facility Total		85
School - Primary or Secondary	Renovations	33
	Roofing	16
	Design Services	7
	Fire/Security Systems	6
	HVAC	4
	Asbestos	3
	New Construction	3
	Unknown	2
	Maintenance	2
	Masonry	2
	Demolition	2
	Other Services	2
	Miscellaneous	1
	Elevators	1
	Consulting Services	1
School - Primary or Secondary Total		85
Housing	Renovations	36
	Roofing	12
	Fire/Security Systems	8
	Windows	6
	Demolition	4
	ADA	3
	Design Services	2
	Unknown	2
	HVAC	2
	New Construction	2
	Painting	2
	Electrical	1
	Elevators	1
	Consulting Services	1
	Other Services	1
Housing Total		83
Other Structure	Renovations	18
	Demolition	13
	Design Services	12
	Miscellaneous	9

Table B-3
Page 2 of 6

Structure Category	Work Category	Count
Other Structure cont.	Maintenance	5
	Roofing	3
	Other Services	3
	Unknown	2
	Elevators	2
	Fire/Security Systems	2
	Windows	1
	HVAC	1
	Electrical	1
Other Structure Total		72
Road	Renovations	33
	Maintenance	10
	Unknown	2
	Other Services	1
	New Construction	1
Road Total		47
Hospital/Health Facility	Renovations	9
	Electrical	5
	Roofing	4
	Design Services	3
	Demolition	2
	HVAC	1
	Miscellaneous	1
Hospital/Health Facility Total		25
Airport	Renovations	13
	Maintenance	3
	Demolition	2
	HVAC	2
	Miscellaneous	2
	Garages/Parking Lots	1
	Other Services	1
Airport Total		24
Recreation Facility	Renovations	9
	New Construction	2
	Demolition	2
	Design Services	2
	Miscellaneous	2
	Construction Project Management	1
Recreation Facility Total		18
City or Town Hall	Renovations	7
	Roofing	4
	Design Services	2
	Fire/Security Systems	1
	HVAC	1

Table B-3
Page 3 of 6

Structure Category	Work Category	Count
City or Town Hall cont.	Miscellaneous	1
	New Construction	1
	Demolition	1
City or Town Hall Total		18
DPW Garage	Purchase of Supplies	14
	Roofing	1
	New Construction	1
	HVAC	1
	Renovations	1
DPW Garage Total		18
Police Station	New Construction	5
	Renovations	4
	Design Services	4
	Demolition	3
	Roofing	1
Police Station Total		17
Transportation Structure	Renovations	9
	Unknown	2
	Maintenance	2
	HVAC	2
	Purchase of Supplies	1
Transportation Structure Total		16
Court House	Renovations	6
	Masonry	2
	HVAC	2
	Design Services	1
	Fire/Security Systems	1
	Elevators	1
	Electrical	1
	New Construction	1
	Painting	1
Court House Total		16
Fire Station	Renovations	4
	Roofing	3
	New Construction	3
	Miscellaneous	2
	Windows	1
	Fire/Security Systems	1
	Purchase of Equipment	1
Fire Station Total		15
Unknown Structure	Unknown	4
	Renovations	3
	Other Services	3
	Design Services	2

Table B-3
Page 4 of 6

Structure Category	Work Category	Count
Unknown Structure cont.	Maintenance	1
	HVAC	1
Unknown Structure Total		14
Park/Open Space	Maintenance	5
	Miscellaneous	3
	Renovations	2
	Roofing	1
	Demolition	1
	New Construction	1
	ADA	1
Park/Open Space Total		14
Parking Facility	Garages/Parking Lots	7
	Renovations	2
	Demolition	1
Parking Facility Total		10
Water/Sewer Treatment Facilities	Renovations	4
	Roofing	2
	New Construction	2
	Maintenance	1
	Consulting Services	1
Water/Sewer Treatment Facilities Total		10
Library	Renovations	3
	Design Services	3
	Roofing	1
	HVAC	1
	Construction Project Management	1
Library Total		9
Jail/Prison	Renovations	4
	HVAC	2
	Design Services	1
Jail/Prison Total		7
Utility Structure	Electrical	4
Utility Structure Total		4
Harbor/Marina/Waterway	Renovations	3
	Demolition	1
Harbor/Marina/Waterway Total		4
Street Signs and Lights/Traffic Lights	Renovations	1
	Maintenance	1
	Miscellaneous	1
Street Signs and Lights/Traffic Lights Total		3

Structure Category	Work Category	Count
Bridge	Renovations	1
	Design Services	1
	New Construction	1
Bridge Total		3
Total Count		832

Source: Prepared by Office of the Inspector General staff.

Table B-4:
Value of Construction Projects by Structure Category and Work Category

Structure Category	Work Category	Value
Water/Sewer Infrastructure	Renovations	\$60,114,157
	Unknown	\$48,922,912
	Maintenance	\$12,983,194
	Design Services	\$7,898,309
	Electrical	\$2,375,455
	Consulting Services	\$2,076,615
	New Construction	\$1,546,155
	Other Services	\$851,997
	Purchase of Equipment	\$302,601
	Miscellaneous	\$250,000
	HVAC	\$224,580
	Purchase of Supplies	\$200,000
	Testing Services	\$50,000
	Demolition	\$35,950
	Asbestos	\$15,920
Water/Sewer Infrastructure Total		\$137,847,846
Other Structure	Unknown	\$15,144,050
	Renovations	\$11,335,171
	Design Services	\$9,355,000
	Maintenance	\$8,130,550
	Miscellaneous	\$7,932,264
	Fire/Security Systems	\$5,425,000
	Demolition	\$3,239,151
	Elevators	\$694,920
	Roofing	\$366,890
	Other Services	\$266,548
	HVAC	\$133,373
	Electrical	\$74,554
	Windows	\$11,982
Other Structure Total		\$62,109,453
School - Primary or Secondary	Renovations	\$46,205,957
	Roofing	\$4,901,762
	Other Services	\$2,636,912
	Design Services	\$2,128,176
	HVAC	\$1,948,232
	Fire/Security Systems	\$899,716
	New Construction	\$744,540
	Unknown	\$612,515
	Demolition	\$457,390
	Masonry	\$303,500
	Maintenance	\$206,174

Structure Category	Work Category	Value
School – Primary or Secondary cont.	Elevators	\$164,900
	Asbestos	\$147,494
	Miscellaneous	\$24,714
	Consulting Services	\$12,000
School - Primary or Secondary Total		\$61,393,982
School - Higher Education	Renovations	\$19,564,699
	Design Services	\$10,516,978
	HVAC	\$4,723,108
	Fire/Security Systems	\$3,807,431
	Roofing	\$3,567,686
	Asbestos	\$3,308,500
	Garages/Parking Lots	\$2,278,110
	New Construction	\$1,122,115
	Painting	\$884,700
	Unknown	\$496,650
	Electrical	\$319,900
	Maintenance	\$114,792
	Windows	\$35,800
	ADA	\$30,650
	Miscellaneous	\$22,157
School - Higher Education Total		\$50,793,276
Housing	Renovations	\$35,172,446
	Unknown	\$2,623,740
	ADA	\$2,370,400
	Roofing	\$2,134,792
	Electrical	\$1,585,000
	New Construction	\$1,302,450
	Fire/Security Systems	\$1,178,539
	Windows	\$953,606
	Elevators	\$405,200
	Painting	\$400,450
	Demolition	\$386,196
	HVAC	\$84,690
	Other Services	\$78,546
	Design Services	\$77,522
	Consulting Services	\$15,350
Housing Total		\$48,768,927
Airport	Renovations	\$40,439,743
	Maintenance	\$5,015,362
	HVAC	\$892,400
	Demolition	\$693,000
	Miscellaneous	\$368,988
	Garages/Parking Lots	\$277,954
	Other Services	\$31,890

Structure Category	Work Category	Value
Airport Total		\$47,719,338
Court House	New Construction	\$43,602,304
	Design Services	\$600,000
	Renovations	\$581,791
	Electrical	\$459,000
	HVAC	\$127,193
	Elevators	\$93,497
	Fire/Security Systems	\$75,762
	Masonry	\$21,900
	Painting	\$21,200
Court House Total		\$45,582,647
Community Facility	Renovations	\$19,592,231
	New Construction	\$8,323,652
	Roofing	\$6,244,012
	Windows	\$3,353,167
	HVAC	\$1,702,179
	Design Services	\$1,353,100
	Construction Project Management	\$450,020
	Elevators	\$402,975
	Other Services	\$359,656
	Unknown	\$298,176
	Fire/Security Systems	\$258,994
	Painting	\$85,030
	Miscellaneous	\$67,925
	Maintenance	\$62,570
	ADA	\$48,200
	Electrical	\$26,200
Community Facility Total		\$42,628,087
Fire Station	New Construction	\$31,577,594
	Roofing	\$865,510
	Renovations	\$613,500
	Purchase of Equipment	\$274,968
	Miscellaneous	\$219,484
	Windows	\$183,700
	Fire/Security Systems	\$38,600
Fire Station Total		\$33,773,356
Police Station	New Construction	\$22,901,133
	Design Services	\$2,215,700
	Renovations	\$903,093
	Roofing	\$87,492
	Demolition	\$82,941
Police Station Total		\$26,190,359
Road	Renovations	\$20,900,253
	Maintenance	\$2,081,006

Table B-4
Page 3 of 6

Structure Category	Work Category	Value
Road cont.	Other Services	\$389,980
	Unknown	\$328,453
	New Construction	\$93,956
Road Total		\$23,793,647
Parking Facility	Garages/Parking Lots	\$22,693,543
	Renovations	\$321,957
	Demolition	\$15,820
Parking Facility Total		\$23,031,320
Water/Sewer Treatment Facilities	Renovations	\$14,327,391
	New Construction	\$4,036,334
	Consulting Services	\$500,000
	Roofing	\$212,800
	Maintenance	\$71,900
Water/Sewer Treatment Facilities Total		\$19,148,425
Transportation Structure	Renovations	\$13,148,859
	Unknown	\$4,050,033
	Purchase of Supplies	\$391,445
	HVAC	\$328,310
	Maintenance	\$225,440
Transportation Structure Total		\$18,144,087
City or Town Hall	Renovations	\$13,392,530
	Roofing	\$742,843
	New Construction	\$310,477
	Design Services	\$236,069
	HVAC	\$144,600
	Miscellaneous	\$66,000
	Demolition	\$32,900
	Fire/Security Systems	\$17,589
City or Town Hall Total		\$14,943,008
Recreation Facility	New Construction	\$3,509,448
	Construction Project Management	\$2,556,418
	Renovations	\$1,930,698
	Demolition	\$1,100,000
	Miscellaneous	\$125,710
	Design Services	\$56,000
Recreation Facility Total		\$9,278,274
DPW Garage	Renovations	\$5,115,000
	Purchase of Supplies	\$2,976,244
	New Construction	\$184,785
	Roofing	\$96,380
	HVAC	\$30,488
DPW Garage Total		\$8,402,897
Hospital/Health Facility	Demolition	\$1,769,000
	Renovations	\$1,662,738

Table B-4
Page 4 of 6

Structure Category	Work Category	Value
Hospital/Health Facility cont.	Design Services	\$1,350,000
	Miscellaneous	\$634,914
	Electrical	\$293,933
	Roofing	\$92,436
	HVAC	\$68,366
Hospital/Health Facility Total		\$5,871,387
Park/Open Space	New Construction	\$3,740,326
	Maintenance	\$831,995
	Renovations	\$477,285
	Miscellaneous	\$218,871
	Demolition	\$109,000
	ADA	\$43,640
	Roofing	\$32,250
Park/Open Space Total		\$5,453,367
Unknown Structure	Renovations	\$1,389,193
	Unknown	\$560,564
	Design Services	\$519,000
	Other Services	\$421,414
	Maintenance	\$150,000
	HVAC	\$62,000
Unknown Structure Total		\$3,102,171
Harbor/Marina/Waterway	Renovations	\$1,485,400
	Demolition	\$262,250
Harbor/Marina/Waterway Total		\$1,747,650
Jail/Prison	Design Services	\$457,600
	Renovations	\$444,851
	HVAC	\$408,713
Jail/Prison Total		\$1,311,164
Library	Roofing	\$678,000
	Renovations	\$243,332
	HVAC	\$80,000
	Design Services	\$57,950
	Construction Project Management	\$25,000
Library Total		\$1,084,282
Street Signs and Lights/Traffic Lights	Renovations	\$791,806
	Miscellaneous	\$69,677
	Maintenance	\$27,984
Street Signs and Lights/Traffic Lights Total		\$889,467
Utility Structure	Electrical	\$614,931
Utility Structure Total		\$614,931

Structure Category	Work Category	Value
Bridge	Renovations	\$288,500
	Design Services	\$59,707
	New Construction	\$58,000
Bridge Total		\$406,207
Total Value		\$694,029,553

Source: Prepared by Office of the Inspector General staff.

**Table B-5:
Count of Construction Projects by Public Entity and Structure Category**

Public Entity Category	Structure Category	Count
Town/City	Housing	81
	School - Primary or Secondary	77
	Community Facility	71
	Water/Sewer Infrastructure	63
	Road	47
	Other Structure	34
	City or Town Hall	18
	DPW Garage	18
	Unknown Structure	13
	Fire Station	13
	Park/Open Space	13
	Recreation Facility	11
	Parking Facility	9
	Police Station	9
	Library	9
	Water/Sewer Treatment Facilities	8
	Utility Structure	4
	Harbor/Marina/Waterway	4
	Bridge	3
	Street Signs and Lights/Traffic Lights	3
	Transportation Structure	2
	Hospital/Health Facility	1
	School - Higher Education	1
	Airport	1
Town/City Total		513
State	School - Higher Education	103
	Water/Sewer Infrastructure	48
	Other Structure	38
	Hospital/Health Facility	24
	Airport	23
	Transportation Structure	14
	Community Facility	12
	Court House	12
	Recreation Facility	5
	Jail/Prison	4
	Police Station	3
	Fire Station	2
	Water/Sewer Treatment Facilities	2
	School - Primary or Secondary	1
	Housing	1
	Park/Open Space	1

Public Entity Category	Structure Category	Count
State cont.	Unknown Structure	1
	Parking Facility	1
State Total		295
County	Police Station	5
	Court House	4
	Jail/Prison	3
	Community Facility	2
	Recreation Facility	2
	School - Primary or Secondary	1
	Housing	1
County Total		18
District	School - Primary or Secondary	6
District Total		6
Total Count		832

Source: Prepared by Office of the Inspector General staff.

**Table B-6:
Value of Construction Contracts by Public Entity and Structure Category**

Public Entity Category	Structure Category	Value
State	Water/Sewer Infrastructure	\$115,113,423
	Other Structure	\$53,501,499
	School - Higher Education	\$50,384,294
	Airport	\$47,678,338
	Court House	\$45,090,870
	Fire Station	\$28,300,594
	Transportation Structure	\$17,471,637
	Hospital/Health Facility	\$5,771,387
	Recreation Facility	\$4,134,896
	Community Facility	\$2,273,613
	Jail/Prison	\$995,721
	Police Station	\$750,000
	Water/Sewer Treatment Facilities	\$571,900
	Unknown Structure	\$500,000
	Park/Open Space	\$109,000
	School - Primary or Secondary	\$66,400
	Parking Facility	\$25,735
	Housing	\$10,690
State Total		\$372,749,996
Town/City	School - Primary or Secondary	\$59,636,347
	Housing	\$48,729,337
	Community Facility	\$39,754,474
	Police Station	\$25,306,801
	Road	\$23,793,647
	Parking Facility	\$23,005,585
	Water/Sewer Infrastructure	\$22,734,424
	Water/Sewer Treatment Facilities	\$18,576,525
	City or Town Hall	\$14,943,008
	Other Structure	\$8,607,954
	DPW Garage	\$8,402,897
	Fire Station	\$5,472,762
	Park/Open Space	\$5,344,367
	Recreation Facility	\$5,099,578
	Unknown Structure	\$2,602,171
	Harbor/Marina/Waterway	\$1,747,650
	Library	\$1,084,282
	Street Signs and Lights/Traffic Lights	\$889,467
	Transportation Structure	\$672,450
	Utility Structure	\$614,931
	School - Higher Education	\$408,982
	Bridge	\$406,207

Public Entity Category	Structure Category	Value
Town/City cont.	Hospital/Health Facility	\$100,000
	Airport	\$41,000
Town/City Total		\$317,974,844
County	Community Facility	\$600,000
	Court House	\$491,777
	Jail/Prison	\$315,443
	School - Primary or Secondary	\$137,500
	Police Station	\$133,558
	Recreation Facility	\$43,800
	Housing	\$28,900
County Total		\$1,750,978
District	School - Primary or Secondary	\$1,553,735
District Total		\$1,553,735
Total Value		\$694,029,553

Source: Prepared by Office of the Inspector General staff.

**Table B-7:
Count of Construction Contracts by Work Category**

Work Category	Count
Renovations	322
Design Services	79
Roofing	72
Maintenance	53
New Construction	33
Demolition	33
HVAC	32
Fire/Security Systems	27
Unknown	26
Miscellaneous	25
Electrical	19
Windows	18
Purchase of Supplies	17
Other Services	16
Garages/Parking Lots	13
Painting	11
Elevators	7
Asbestos	7
Consulting Services	6
ADA	6
Masonry	4
Construction Project Management	3
Purchase of Equipment	2
Testing Services	1
Total Count	832

Source: Prepared by Office of the Inspector General staff.

**Table B-8:
Value of Construction Contracts by Work Category**

Work Category	Value
Renovations	\$310,442,582
New Construction	\$123,053,269
Unknown	\$73,037,092
Design Services	\$36,881,111
Maintenance	\$29,900,966
Garages/Parking Lots	\$25,249,607
Roofing	\$20,022,853
Fire/Security Systems	\$11,701,631
HVAC	\$10,958,232
Miscellaneous	\$10,000,704
Demolition	\$8,183,598
Electrical	\$5,748,973
Other Services	\$5,036,943
Windows	\$4,538,255
Purchase of Supplies	\$3,567,689
Asbestos	\$3,471,914
Construction Project Management	\$3,031,438
Consulting Services	\$2,603,965
ADA	\$2,492,890
Elevators	\$1,761,492
Painting	\$1,391,380
Purchase of Equipment	\$577,569
Masonry	\$325,400
Testing Services	\$50,000
Total Value	\$694,029,553

Source: Prepared by Office of the Inspector General staff.

**Table B-9:
Count of Construction Projects by Work Category and Structure Category**

Work Category	Structure Category	Count
Renovations	Water/Sewer Infrastructure	57
	School - Higher Education	37
	Housing	36
	School - Primary or Secondary	33
	Road	33
	Community Facility	23
	Other Structure	18
	Airport	13
	Transportation Structure	9
	Hospital/Health Facility	9
	Recreation Facility	9
	City or Town Hall	7
	Court House	6
	Water/Sewer Treatment Facilities	4
	Fire Station	4
	Jail/Prison	4
	Police Station	4
	Harbor/Marina/Waterway	3
	Unknown Structure	3
	Library	3
	Park/Open Space	2
	Parking Facility	2
	Street Signs and Lights/Traffic Lights	1
	Bridge	1
	DPW Garage	1
Renovations Total		322
Design Services	School - Higher Education	23
	Other Structure	12
	Community Facility	10
	School - Primary or Secondary	7
	Water/Sewer Infrastructure	6
	Police Station	4
	Hospital/Health Facility	3
	Library	3
	Unknown Structure	2
	City or Town Hall	2
	Housing	2
	Recreation Facility	2
	Jail/Prison	1
	Court House	1

Work Category	Structure Category	Count
Design Services cont.	Bridge	1
Design Services Total		79
Roofing	Community Facility	18
	School - Primary or Secondary	16
	Housing	12
	School - Higher Education	6
	City or Town Hall	4
	Hospital/Health Facility	4
	Fire Station	3
	Other Structure	3
	Water/Sewer Treatment Facilities	2
	Park/Open Space	1
	Police Station	1
	Library	1
	DPW Garage	1
Roofing Total		72
Maintenance	Water/Sewer Infrastructure	16
	Road	10
	School - Higher Education	5
	Other Structure	5
	Park/Open Space	5
	Airport	3
	Community Facility	2
	School - Primary or Secondary	2
	Transportation Structure	2
	Water/Sewer Treatment Facilities	1
	Unknown Structure	1
	Street Signs and Lights/Traffic Lights	1
Maintenance Total		53
New Construction	Police Station	5
	Community Facility	5
	Water/Sewer Infrastructure	4
	School - Primary or Secondary	3
	Fire Station	3
	Water/Sewer Treatment Facilities	2
	Recreation Facility	2
	Housing	2
	DPW Garage	1
	Bridge	1
	Park/Open Space	1
	Road	1
	School - Higher Education	1
	Court House	1

Table B-9
Page 2 of 6

Work Category	Structure Category	Count
New Construction cont.	City or Town Hall	1
New Construction Total		33
Demolition	Other Structure	13
	Housing	4
	Police Station	3
	School - Primary or Secondary	2
	Hospital/Health Facility	2
	Recreation Facility	2
	Airport	2
	Water/Sewer Infrastructure	1
	Parking Facility	1
	Harbor/Marina/Waterway	1
	Park/Open Space	1
	City or Town Hall	1
Demolition Total		33
HVAC	School - Higher Education	5
	Community Facility	5
	School - Primary or Secondary	4
	Water/Sewer Infrastructure	2
	Court House	2
	Transportation Structure	2
	Airport	2
	Housing	2
	Jail/Prison	2
	DPW Garage	1
	Other Structure	1
	Library	1
	City or Town Hall	1
	Hospital/Health Facility	1
	Unknown Structure	1
HVAC Total		32
Fire/Security Systems	Housing	8
	School - Primary or Secondary	6
	School - Higher Education	6
	Community Facility	2
	Other Structure	2
	Fire Station	1
	City or Town Hall	1
	Court House	1
Fire/Security Systems Total		27
Unknown	Water/Sewer Infrastructure	9
	Unknown Structure	4
	Housing	2
	Other Structure	2

Work Category	Structure Category	Count
Unknown cont.	Road	2
	School - Higher Education	2
	School - Primary or Secondary	2
	Transportation Structure	2
	Community Facility	1
Unknown Total		26
Miscellaneous	Other Structure	9
	Park/Open Space	3
	Recreation Facility	2
	Airport	2
	Fire Station	2
	Water/Sewer Infrastructure	1
	Hospital/Health Facility	1
	City or Town Hall	1
	Community Facility	1
	School - Higher Education	1
	School - Primary or Secondary	1
	Street Signs and Lights/Traffic Lights	1
Miscellaneous Total		25
Electrical	Hospital/Health Facility	5
	Utility Structure	4
	Water/Sewer Infrastructure	3
	School - Higher Education	3
	Community Facility	1
	Other Structure	1
	Housing	1
	Court House	1
Electrical Total		19
Windows	Community Facility	9
	Housing	6
	School - Higher Education	1
	Fire Station	1
	Other Structure	1
Windows Total		18
Purchase of Supplies	DPW Garage	14
	Water/Sewer Infrastructure	2
	Transportation Structure	1
Purchase of Supplies Total		17
Other Services	Water/Sewer Infrastructure	4
	Unknown Structure	3
	Other Structure	3
	School - Primary or Secondary	2
	Airport	1

Work Category	Structure Category	Count
Other Services cont.	Road	1
	Housing	1
	Community Facility	1
Other Services Total		16
Garages/Parking Lots	Parking Facility	7
	School - Higher Education	5
	Airport	1
Garages/Parking Lots Total		13
Painting	School - Higher Education	5
	Community Facility	3
	Housing	2
	Court House	1
Painting Total		11
Elevators	Other Structure	2
	Community Facility	2
	School - Primary or Secondary	1
	Housing	1
	Court House	1
Elevators Total		7
Asbestos	School - Primary or Secondary	3
	School - Higher Education	3
	Water/Sewer Infrastructure	1
Asbestos Total		7
Consulting Services	Water/Sewer Infrastructure	3
	Water/Sewer Treatment Facilities	1
	School - Primary or Secondary	1
	Housing	1
Consulting Services Total		6
ADA	Housing	3
	School - Higher Education	1
	Community Facility	1
	Park/Open Space	1
ADA Total		6
Masonry	School - Primary or Secondary	2
	Court House	2
Masonry Total		4
Construction Project Management	Recreation Facility	1
	Community Facility	1
	Library	1
Construction Project Management Total		3
Purchase of Equipment	Water/Sewer Infrastructure	1
	Fire Station	1
Purchase of Equipment Total		2
Testing Services	Water/Sewer Infrastructure	1

Table B-9
Page 5 of 6

Work Category	Structure Category	Count
Testing Services Total		1
Total Count		832

Source: Prepared by Office of the Inspector General staff.

**Table B-10:
Value of Construction Projects by Work Category and Structure Category**

Work Category	Structure Category	Value
Renovations	Water/Sewer Infrastructure	\$60,114,157
	School - Primary or Secondary	\$46,205,957
	Airport	\$40,439,743
	Housing	\$35,172,446
	Road	\$20,900,253
	Community Facility	\$19,592,231
	School - Higher Education	\$19,564,699
	Water/Sewer Treatment Facilities	\$14,327,391
	City or Town Hall	\$13,392,530
	Transportation Structure	\$13,148,859
	Other Structure	\$11,335,171
	DPW Garage	\$5,115,000
	Recreation Facility	\$1,930,698
	Hospital/Health Facility	\$1,662,738
	Harbor/Marina/Waterway	\$1,485,400
	Unknown Structure	\$1,389,193
	Police Station	\$903,093
	Street Signs and Lights/Traffic Lights	\$791,806
	Fire Station	\$613,500
	Court House	\$581,791
	Park/Open Space	\$477,285
	Jail/Prison	\$444,851
	Parking Facility	\$321,957
	Bridge	\$288,500
	Library	\$243,332
Renovations Total		\$310,442,582
New Construction	Court House	\$43,602,304
	Fire Station	\$31,577,594
	Police Station	\$22,901,133
	Community Facility	\$8,323,652
	Water/Sewer Treatment Facilities	\$4,036,334
	Park/Open Space	\$3,740,326
	Recreation Facility	\$3,509,448
	Water/Sewer Infrastructure	\$1,546,155
	Housing	\$1,302,450
	School - Higher Education	\$1,122,115
	School - Primary or Secondary	\$744,540
	City or Town Hall	\$310,477
	DPW Garage	\$184,785
	Road	\$93,956

Work Category	Structure Category	Value
New Construction cont.	Bridge	\$58,000
New Construction Total		\$123,053,269
Unknown	Water/Sewer Infrastructure	\$48,922,912
	Other Structure	\$15,144,050
	Transportation Structure	\$4,050,033
	Housing	\$2,623,740
	School - Primary or Secondary	\$612,515
	Unknown Structure	\$560,564
	School - Higher Education	\$496,650
	Road	\$328,453
	Community Facility	\$298,176
Unknown Total		\$73,037,092
Design Services	School - Higher Education	\$10,516,978
	Other Structure	\$9,355,000
	Water/Sewer Infrastructure	\$7,898,309
	Police Station	\$2,215,700
	School - Primary or Secondary	\$2,128,176
	Community Facility	\$1,353,100
	Hospital/Health Facility	\$1,350,000
	Court House	\$600,000
	Unknown Structure	\$519,000
	Jail/Prison	\$457,600
	City or Town Hall	\$236,069
	Housing	\$77,522
	Bridge	\$59,707
	Library	\$57,950
	Recreation Facility	\$56,000
Design Services Total		\$36,881,111
Maintenance	Water/Sewer Infrastructure	\$12,983,194
	Other Structure	\$8,130,550
	Airport	\$5,015,362
	Road	\$2,081,006
	Park/Open Space	\$831,995
	Transportation Structure	\$225,440
	School - Primary or Secondary	\$206,174
	Unknown Structure	\$150,000
	School - Higher Education	\$114,792
	Water/Sewer Treatment Facilities	\$71,900
	Community Facility	\$62,570
	Street Signs and Lights/Traffic Lights	\$27,984
Maintenance Total		\$29,900,966
Garages/Parking Lots	Parking Facility	\$22,693,543
	School - Higher Education	\$2,278,110

Table B-10
Page 2 of 6

Work Category	Structure Category	Value
Garages/Parking Lots cont.	Airport	\$277,954
Garages/Parking Lots Total		\$25,249,607
Roofing	Community Facility	\$6,244,012
	School - Primary or Secondary	\$4,901,762
	School - Higher Education	\$3,567,686
	Housing	\$2,134,792
	Fire Station	\$865,510
	City or Town Hall	\$742,843
	Library	\$678,000
	Other Structure	\$366,890
	Water/Sewer Treatment Facilities	\$212,800
	DPW Garage	\$96,380
	Hospital/Health Facility	\$92,436
	Police Station	\$87,492
	Park/Open Space	\$32,250
Roofing Total		\$20,022,853
Fire/Security Systems	Other Structure	\$5,425,000
	School - Higher Education	\$3,807,431
	Housing	\$1,178,539
	School - Primary or Secondary	\$899,716
	Community Facility	\$258,994
	Court House	\$75,762
	Fire Station	\$38,600
	City or Town Hall	\$17,589
Fire/Security Systems Total		\$11,701,631
HVAC	School - Higher Education	\$4,723,108
	School - Primary or Secondary	\$1,948,232
	Community Facility	\$1,702,179
	Airport	\$892,400
	Jail/Prison	\$408,713
	Transportation Structure	\$328,310
	Water/Sewer Infrastructure	\$224,580
	City or Town Hall	\$144,600
	Other Structure	\$133,373
	Court House	\$127,193
	Housing	\$84,690
	Library	\$80,000
	Hospital/Health Facility	\$68,366
	Unknown Structure	\$62,000
	DPW Garage	\$30,488
HVAC Total		\$10,958,232
Miscellaneous	Other Structure	\$7,932,264
	Hospital/Health Facility	\$634,914
	Airport	\$368,988

Table B-10
Page 3 of 6

Work Category	Structure Category	Value
Miscellaneous cont.	Water/Sewer Infrastructure	\$250,000
	Fire Station	\$219,484
	Park/Open Space	\$218,871
	Recreation Facility	\$125,710
	Street Signs and Lights/Traffic Lights	\$69,677
	Community Facility	\$67,925
	City or Town Hall	\$66,000
	School - Primary or Secondary	\$24,714
	School - Higher Education	\$22,157
Miscellaneous Total		\$10,000,704
Demolition	Other Structure	\$3,239,151
	Hospital/Health Facility	\$1,769,000
	Recreation Facility	\$1,100,000
	Airport	\$693,000
	School - Primary or Secondary	\$457,390
	Housing	\$386,196
	Harbor/Marina/Waterway	\$262,250
	Park/Open Space	\$109,000
	Police Station	\$82,941
	Water/Sewer Infrastructure	\$35,950
	City or Town Hall	\$32,900
	Parking Facility	\$15,820
Demolition Total		\$8,183,598
Electrical	Water/Sewer Infrastructure	\$2,375,455
	Housing	\$1,585,000
	Utility Structure	\$614,931
	Court House	\$459,000
	School - Higher Education	\$319,900
	Hospital/Health Facility	\$293,933
	Other Structure	\$74,554
	Community Facility	\$26,200
Electrical Total		\$5,748,973
Other Services	School - Primary or Secondary	\$2,636,912
	Water/Sewer Infrastructure	\$851,997
	Unknown Structure	\$421,414
	Road	\$389,980
	Community Facility	\$359,656
	Other Structure	\$266,548
	Housing	\$78,546
	Airport	\$31,890
Other Services Total		\$5,036,943
Windows	Community Facility	\$3,353,167
	Housing	\$953,606

Table B-10
Page 4 of 6

Work Category	Structure Category	Value
Windows cont.	Fire Station	\$183,700
	School - Higher Education	\$35,800
	Other Structure	\$11,982
Windows Total		\$4,538,255
Purchase of Supplies	DPW Garage	\$2,976,244
	Transportation Structure	\$391,445
	Water/Sewer Infrastructure	\$200,000
Purchase of Supplies Total		\$3,567,689
Asbestos	School - Higher Education	\$3,308,500
	School - Primary or Secondary	\$147,494
	Water/Sewer Infrastructure	\$15,920
Asbestos Total		\$3,471,914
Construction Project Management	Recreation Facility	\$2,556,418
	Community Facility	\$450,020
	Library	\$25,000
Construction Project Management Total		\$3,031,438
Consulting Services	Water/Sewer Infrastructure	\$2,076,615
	Water/Sewer Treatment Facilities	\$500,000
	Housing	\$15,350
	School - Primary or Secondary	\$12,000
Consulting Services Total		\$2,603,965
ADA	Housing	\$2,370,400
	Community Facility	\$48,200
	Park/Open Space	\$43,640
	School - Higher Education	\$30,650
ADA Total		\$2,492,890
Elevators	Other Structure	\$694,920
	Housing	\$405,200
	Community Facility	\$402,975
	School - Primary or Secondary	\$164,900
	Court House	\$93,497
Elevators Total		\$1,761,492
Painting	School - Higher Education	\$884,700
	Housing	\$400,450
	Community Facility	\$85,030
	Court House	\$21,200
Painting Total		\$1,391,380
Purchase of Equipment	Water/Sewer Infrastructure	\$302,601
	Fire Station	\$274,968
Purchase of Equipment Total		\$577,569
Masonry	School - Primary or Secondary	\$303,500
	Court House	\$21,900
Masonry Total		\$325,400
Testing Services	Water/Sewer Infrastructure	\$50,000

Table B-10
Page 5 of 6

Work Category	Structure Category	Value
Testing Services Total		\$50,000
Total Value		\$694,029,553

Source: Prepared by Office of the Inspector General staff.

**Table B-11:
Count of Construction Projects by Government Entity and Work Category**

Public Entity Category	Work Category	Count
Town/City	Renovations	208
	Roofing	57
	Maintenance	30
	Design Services	27
	New Construction	26
	Demolition	20
	Unknown	18
	Fire/Security Systems	18
	Purchase of Supplies	16
	HVAC	16
	Miscellaneous	15
	Windows	14
	Other Services	10
	Electrical	6
	Garages/Parking Lots	6
	ADA	5
	Painting	5
	Asbestos	4
	Elevators	4
	Construction Project Management	2
	Masonry	2
	Purchase of Equipment	2
	Consulting Services	2
Town/City Total		513
State	Renovations	103
	Design Services	50
	Maintenance	23
	HVAC	15
	Roofing	14
	Electrical	12
	Miscellaneous	10
	Demolition	9
	Fire/Security Systems	9
	Unknown	8
	Garages/Parking Lots	7
	Painting	6
	Other Services	6
	New Construction	5
	Windows	4
	Consulting Services	4
	Asbestos	3

Public Entity Category	Work Category	Count
State cont.	Elevators	3
	Purchase of Supplies	1
	ADA	1
	Testing Services	1
	Construction Project Management	1
State Total		295
County	Renovations	7
	Demolition	3
	Design Services	2
	New Construction	2
	Masonry	2
	Electrical	1
	HVAC	1
County Total		18
District	Renovations	4
	Roofing	1
	Demolition	1
District Total		6
Total Count		832

Source: Prepared by Office of the Inspector General staff.

**Table B-12:
Value of Construction Projects by Government Entity and Work Category**

Public Entity Category	Work Category	Value
State	Renovations	\$127,778,198
	New Construction	\$73,459,461
	Unknown	\$67,064,739
	Design Services	\$31,870,607
	Maintenance	\$20,640,535
	Fire/Security Systems	\$9,308,193
	Miscellaneous	\$8,676,484
	HVAC	\$6,515,170
	Demolition	\$5,589,438
	Roofing	\$4,091,910
	Asbestos	\$3,308,500
	Electrical	\$3,063,842
	Garages/Parking Lots	\$2,581,799
	Consulting Services	\$2,576,615
	Construction Project Management	\$2,556,418
	Other Services	\$1,243,543
	Painting	\$905,900
	Elevators	\$788,417
	Purchase of Supplies	\$391,445
	Windows	\$258,132
	Testing Services	\$50,000
	ADA	\$30,650
State Total		\$372,749,996
Town/City	Renovations	\$181,867,303
	New Construction	\$49,431,430
	Garages/Parking Lots	\$22,667,808
	Roofing	\$15,242,943
	Maintenance	\$9,260,431
	Unknown	\$5,972,353
	Design Services	\$4,410,504
	Windows	\$4,280,123
	HVAC	\$4,223,649
	Other Services	\$3,793,400
	Purchase of Supplies	\$3,176,244
	ADA	\$2,462,240
	Fire/Security Systems	\$2,393,438
	Demolition	\$2,237,219
	Electrical	\$2,226,131
	Miscellaneous	\$1,324,220
	Elevators	\$973,075
	Purchase of Equipment	\$577,569

Public Entity Category	Work Category	Value
Town/City cont.	Painting	\$485,480
	Construction Project Management	\$475,020
	Masonry	\$303,500
	Asbestos	\$163,414
	Consulting Services	\$27,350
Town/City Total		\$317,974,844
County	Design Services	\$600,000
	Electrical	\$459,000
	HVAC	\$219,413
	Renovations	\$205,346
	New Construction	\$162,378
	Demolition	\$82,941
	Masonry	\$21,900
County Total		\$1,750,978
District	Roofing	\$688,000
	Renovations	\$591,735
	Demolition	\$274,000
District Total		\$1,553,735
Total Value		\$694,029,553

Source: Prepared by Office of the Inspector General staff.