

ECONOMIC OPPORTUNITY PLAN EMPLOYMENT COMPOSITION ANALYSIS

FISCAL
YEAR
2017

CITY OF PHILADELPHIA

OFFICE OF ECONOMIC
OPPORTUNITY



Department of
Commerce
CITY OF PHILADELPHIA

CONTENTS

1	INTRODUCTION	2
2	AVAILABILITY.....	5
3	UTILIZATION	9
4	DISPARITY: RATIO OF UTILIZATION TO AVAILABILITY.....	25
5	FINDINGS AND RECOMMENDATIONS.....	29
	LIST OF ABBREVIATIONS	34
	APPENDIX.....	35

1 INTRODUCTION

1.1 Summary and Purpose of the Report

Econsult Solutions, Inc. and Milligan & Company, LLC are pleased to present the City of Philadelphia – Economic Opportunity Plan Employment Composition Analysis for Fiscal Year (FY) 2017. This analysis is presented as a companion report to the City of Philadelphia FY 2017 Annual Disparity Study and the Economic Opportunity Plan (EOP) Analysis Fiscal Year FY 2017. The Disparity Study and EOP Analysis focus on the participation of Minority-Owned Business Enterprises (MBE), Women-Owned Business Enterprises (WBE) and Disabled-Owned Business Enterprises (DSBE), known collectively as M/W/DSBE firms, in City of Philadelphia contracting opportunities. The basis of this companion employment report is the measurement of achievement toward minority and female inclusion on EOP contracts in the Skilled and Laborer construction workforce. FY 2015 was the first time employment data was analyzed and presented in conjunction with the annual analysis of EOP contracts.

The information presented in this report provides analysis and discussion on the construction labor force of 539 active EOP contracts with specified hours over a 12-month period from July 1, 2016 through June 30, 2017. The labor force analyzed for this report includes both journeyman and apprentice level workers.

1.2 Legislative Context

Historically, the EOP employment requirement is based on several pieces of legislation. Mayoral Executive Order 14-08, signed by Mayor Michael A. Nutter on October 1, 2008, established an Economic Opportunity Cabinet (EOC) and the Office of Economic Opportunity (OEO) to oversee inclusion of M/W/DSBE firms in city contracts, set citywide goals, and monitor achievement toward M/W/DBSE goals. The OEO was created within the City's Commerce Department to implement the goals and objectives of the EOC. Section 17-1602 of The Philadelphia Code requires an EOP when a company is pursuing or enters into a development project or contract exceeding \$100,000 with the City of Philadelphia.¹ Bill #150614, amending Chapter 17-1600 in 2015, requires an annual workforce diversity analysis and establishment of workforce diversity participation goals based on race, ethnicity, and gender.

¹ Section 17-1602 of The Philadelphia Code broadly defines the requirements for an EOP. This study is limited to an analysis of EOP contracts in the Skilled and Laborer construction workforce.

Importance of Report to the Overall Economic Inclusion Agenda

This analysis builds on the FY 2016 EOP Employment Composition report which assessed the achievement of the previous 32 percent minority employment goal and the 7 percent women employment goal for EOP contracts originally set in 2009. An overall minority construction employment goal of 40 percent was recommended for FY 2017 based upon the results of the FY 2016 EOP Employment Composition Analysis. As in the FY 2016 report, this analysis shows that the minority labor force is strong in some areas, but increased inclusion, particularly in the skilled trades, is still needed.

1.3 Scope of Analysis

This report analyzes the utilization, availability and disparity ratio of employment hours by race, ethnicity, gender, and job type. The report is limited to the employment composition of 539 EOP construction contracts started between July 1, 2016 and June 30, 2017. The analysis includes construction labor hours for journeypersons, apprentices, and new hires across all trades as reported in the City's LCP Tracker system, which monitors labor reporting and compliance on EOP contracts. It also designates and aggregates workers in either the Skilled or the Laborer category. The Skilled designation includes 30 different trades, with power equipment operators, carpenters, and electricians representing the most skilled hours. The Laborer designation includes all additional hours outside of these specified trades.²

This report does not distinguish between union and non-union workers.

It is important to note that **this report does not distinguish between union and non-union workers**. The terminology "Laborer" is used in this report to designate unskilled workers who are not part of a specific, skilled construction trade. It is not meant to define members of the Laborers' International

Union or the Laborers' District Council. However, it is important to note that an overwhelming majority of employment hours performed for city contracts are in fact completed by union members. US Census source data and subsequently the availability analysis does not specifically differentiate union and non-union employees; however, because census data is intended to be comprehensive and representative of the actual population, union members are included in the dataset.

² The City's definition of Skilled and Laborer categories described above are used for the utilization analysis. For the availability analysis, the Laborer category consists of those workers in the construction and extraction industry designated as Laborer by the American Community Survey (ACS) 2006-2010 Equal Employment Opportunity (EEO) tabulation by residence. The Skilled category is an aggregate of all workers participating in the 33 other construction and extraction trades identified in the 2006-2010 ACS EEO tabulation by residence.

1.4 Overview of Report Content

Section 2 of this report discusses the availability of both skilled and unskilled construction labor by race, ethnicity, and gender for both the 11-county Philadelphia MSA and the City of Philadelphia.

Section 3 explores the utilization of the labor force, as reported in LCP Tracker, in the 539 EOP contracts analyzed for this report, which were performed on a total of 194 construction projects. Also included in Section 3 is the comparison of availability to utilization, which provides a disparity ratio for the current labor force in relation to their participation on city EOP contracts.

Section 4 provides observations regarding the results of the analysis and discussion on programmatic and policy actions for women and minority labor force inclusion.

2 AVAILABILITY

2.1 Data Sources and Methodological Approach

Availability at both the Philadelphia-Camden-Wilmington, PA-NJ-DE-MD MSA, and the Philadelphia City levels was determined using American Community Survey (ACS) 2006-2010 Equal Employment Opportunity (EEO) Tabulation Data provided by the United States Census Bureau. The EEO Tabulation 2006-2010 is the most recent census data available tracking worker characteristics including sex, race, Hispanic origin, cross tabulated by citizenship, occupation, industry, age, educational attainment, earnings, and employment status.³ EEO tables are available in three geographic types: residence, worksite, and residence-to-worksite commuting flows. Both the FY 2016 and FY 2017 EOP employment availability analysis relies on 2006-2010 ACS source data to determine availability. As a result, the availability figures in this report are identical to the availability analysis presented in both the FY 2015 and FY 2016 reports.⁴

To determine availability for this study, EEO construction and extraction occupation data at the Philadelphia MSA and city levels organized by race, gender, and Hispanic origin by residence geography was analyzed. Applying the same methodology used to evaluate the City's LCP Tracker data, EEO designated construction and extraction occupations **were grouped into two categories by total number of workers: Laborer and Skilled**. It is important to re-emphasize that this report does not distinguish between union and non-union construction labor. The US Census data provided through **the ACS 2006-2010 EEO Tabulation does not provide information related to union or non-union status**. However, census data broadly accounts for all workers performing construction and extraction work in both the MSA and city; therefore, many of the individuals represented in the dataset are in fact union members. Because work on city contracts is overwhelmingly performed by union members, the ACS dataset is not a perfect proxy for the available labor force and fails to fully capture the demographic differences between Philadelphia labor unions and the entire workforce. However, because the dataset is comprehensive, it is a defensible representation of the available MSA and city labor force.

The Laborer and Skilled categories were then further analyzed to determine overall availability of African-American, Hispanic, Asian, Native-American/Pacific-Islander/American Indian and Alaska Native (AIAN), Two Race, and Female workers. ACS data includes a two-race designation and the City's LCP Tracker data does not include a two-race category. In this study, Two Race

³ United States Census Bureau. Equal Employment Opportunity (EEO) Tabulation.
<http://www.census.gov/people/eeotabulation/>

⁴ Updated EEO Tabulation data, based on the 2014-2018 5-year ACS dataset, will be released in 2020-2021.

individuals were included as minority workers in the availability determination. In addition, workers categorized by the ACS as “the balance of not Hispanic or Latino” are considered non-specified and eliminated from the availability calculations.

2.2 How Availability Informed Current Goal Levels

The original 32 percent goal for minority labor participation and workforce diversity on EOP contracts was set by the City in the "2010 Inclusion Works: Economic Strategic Plan." This goal was first recommended in 2009 by the Mayor's Advisory Commission on Construction Industry Diversity (MACCID). The commission was appointed to review the construction industry in the City and the extent to which minority and women are utilized in the workforce. After a year of research, public hearings, and participation from the labor and business community, the Commission settled on an initial long-term goal in 2009 to set minority and female construction participation at 32 percent and 7 percent respectively, and an apprentice goal of 50 percent minority worker hours and 7 percent women worker hours. The overall basis for the goal was a stated increase in local demand for Skilled Laborers due to upcoming retirements of Skilled tradespersons and increased construction activity.⁵ Specifically, the minority goal is based upon an estimate of the male population that is prepared for (i.e. has obtained at least a high school degree or GED) and interested in (i.e. under the age of 35 and not in the labor force) the construction trades.⁶ The factors for "preparation" and "interest" were gathered from current data in the general population; the Commission assumed that these factors would not be changed by racial preferences. The female participation goal of 7 percent was based upon the U.S. Department of Labor's goal of 6.9 percent created in 1980. In essence, where background data was available, the labor goals were informed by the availability of "prepared and interested" workforce figures.

In 2015, the City passed Bill #150614 requiring an annual workforce analysis and establishment of annual workforce diversity participation goals based on race, ethnicity, and gender. The legislation set FY 2016 as the first year of the required analysis using the 32 percent minority and 7 percent female participation goals as the benchmarks for workforce utilization. Due to the requirements of Bill #150614, 18 months of data was analyzed for FY 2016. Based on the findings of the FY 2016 EOP Employment Composition Analysis, a new workforce goal of 40 percent minority and 5 percent female were set for FY 2017 and are utilized in this report.

⁵ Inclusion Works, Economic Opportunity Strategic Plan, February 2010

⁶ Mayor's Advisory Commission on Construction Industry Diversity, March 2009

2.3 Availability by Race/Ethnicity/Gender and by Job Type

When considering availability, the geography of workers is taken into account, as they need to be able to access employment opportunities. Within the city, a higher percentage of total population is classified as minority compared to the MSA. It is not clear which geography, city or MSA, provides the more appropriate dataset. A case can be made for both. In the Annual Disparity Study, the appropriate geography has been determined to be MSA based on the fact that two-thirds of the M/W/DSBE firms on OEO's directory are located within the MSA, half of which are in the city and half outside of the city located elsewhere in the MSA. When analyzing employment, considering availability at the MSA level has some legitimacy based on the geographic sprawl of available labor, particularly in the skilled trades. However, overall, employment is more localized than the stretch of a company's available business. In addition, the current city administration has established the increase of employment opportunities for city residents as a legislative priority. Thus, although this report examines both MSA and city data, the analysis tends to lean on city numbers as the more reasonable dataset.

The availability of minority Laborers is nearly double the availability of minority Skilled workers in the Philadelphia MSA. As a result, the disparity numbers for the MSA and the city differ vastly. Within the MSA, minority Laborers in the construction trades comprise 35.9 percent and Skilled workers in the trades total 19.5 percent. The availability of all minority workers totals 22.7 percent (see Table 2.3.A).

**TABLE 2.3.A TRADE/CONTRACTOR AVAILABILITY IN PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD
METRO AREA BY RACE/ETHNICITY/GENDER AND JOB TYPE**

	Women	African-American	Hispanic	Asian	Native American/ Pacific Islander/ AIAN	Two Races	All Minority
Laborer	2.8%	16.2%	17.5%	1.4%	0.0%	0.7%	35.9%
Skilled	2.3%	9.2%	8.3%	1.1%	0.2%	0.7%	19.5%
All	2.4%	10.5%	10.1%	1.2%	0.2%	0.7%	22.7%

American Community Survey (2006-2010), Econsult Solutions (2018)

Within the City of Philadelphia, the availability of minority Laborers in the construction trades comprises 59.0 percent and Skilled workers in the trades total 40.9 percent. The percent of women Laborers (4.7 percent) in the City is nearly double the percentage of Skilled women workers (2.8 percent). In all race and ethnicity categories, the percentage of Laborers exceeds the percentage of Skilled workers, with the exception of Asian and Native American/Pacific

Islander workers. The availability of all minority workers totals 45.0 percent and the availability of all women workers totals 3.3 percent (see Table 2.3.B).

TABLE 2.3.B TRADE/CONTRACTOR AVAILABILITY IN PHILADELPHIA CITY BY RACE/ETHNICITY/GENDER AND JOB TYPE

	Women	African American	Hispanic	Asian	Native American/ Pacific Islander/ AIAN	Two Races	All Minority
Laborer	4.7%	35.1%	19.0%	3.1%	0.0%	1.9%	59.0%
Skilled	2.8%	24.0%	12.1%	3.2%	0.5%	0.7%	40.9%
All	3.3%	26.7%	13.8%	3.2%	0.4%	1.0%	45.0%

American Community Survey (2006-2010), Econsult Solutions (2018)

Goal levels should be influenced by factors such as availability and, more specifically, the availability of the Laborer and Skilled workforce by race and gender. Currently, the availability of minority workers in the construction trades in the City is higher than the set participation goal, 45 percent versus 40 percent, suggesting that the goal could be higher. Additionally, the availability of minorities is much greater for the Laborer category than the Skilled category, 59.0 percent versus 40.9 percent, respectively. This highlights that minorities tend to have higher availability for certain types of jobs and the reasons behind this phenomenon could use further review. Finally, the availability of female workers (3.3 percent) in the construction trades is well below the goal of 7 percent, implying that either the goal is set too high and/or more outreach may be necessary to reach the stated goals.

3 UTILIZATION

3.1 Data Sources and Methodological Approach

Worker participation on EOP contracts, also known as utilization, was calculated using the City's LCP Tracker employment data. The data provided tracks the labor force characteristics of EOP contracts active during the period from July 1, 2016 to June 30, 2017 and groups labor hours in multiple ways. First, labor hours are categorized as journeyperson, apprentice, or new hire. New hires are defined as workers with a hire date within 90 days of the start of the given project. It is unclear whether these new hires also possess the apprentice or journeyperson skill and experience level. Next, labor hours are further grouped by race, gender, and Hispanic origin. LCP Tracker allows workers to self-identify as White, African-American, Hispanic, Asian, Native American, Other, Not Specified (NS), or Women. To calculate utilization, labor hours categorized as non-specified and other were removed and the remaining hours were designated as either Laborer or Skilled. Of 553 total construction contracts, 14 contracts were composed of 100% non-specified hours, leaving 539 contracts with data available for analysis.⁷ A total of 887,226 specified hours were analyzed to determine utilization, a 14 percent increase from the 778,441 hours analyzed in 2016.⁸

As noted earlier, LCP Tracker software does not allow individuals to be designated as two-race. As a result, Two Race individuals may be included in any of the other race and ethnicity groups. In addition, LCP Tracker data counts minority women in both the woman and specific minority categories.

3.2 Utilization by Race/Ethnicity/Gender and by Job Type

The total utilization of minority trade labor on City of Philadelphia EOP contracts totals 31.1 percent, falling below the participation goal of 40 percent. From FY 2016 to FY 2017, utilization of minority Laborers in the construction trades has increased from 51.0 to 52.6 percent. Utilization of minority Skilled workers also increased from 17.5 percent in 2016 to 19.4

FY 2017 utilization of All Minority Skilled workers increased by nearly 2 percentage points compared to FY 2016.

percent. The utilization of women workers in the construction trades totals 0.7 percent in FY 2017, significantly less than the total availability (3.3 percent) of women working in construction in the city (see Table 3.2.A) and slightly below FY 2016 levels (See Table 3.2.B).

⁷ All analysis throughout this report utilizes data from the 539 LCP Tracker contracts with specified hours. The 14 contracts consisting of 100 percent non-specified hours were omitted from consideration.

⁸ Non-specified hours are lacking racial, ethnic, and gender identifying characteristics.

Despite the increase in minority utilization in the Laborer and Skilled categories from FY 2016 to FY 2017, total utilization decreased slightly. This decrease results from a shift in the distribution of hours between the Laborer and Skilled categories. In FY 2016, 41 and 59 percent of total hours were performed by Laborers and Skilled workers, respectively. However, in FY 2017, the proportion of total hours performed by Laborers fell to 35 percent, while the proportion of Skilled hours increased to 65 percent. Because Laborer hours are overwhelmingly more likely to be performed by minorities than Skilled hours, the decrease in the proportion of Laborer hours resulted in a decrease in overall minority utilization.

Within the breakdown of categories by gender, race, and ethnicity, Laborer utilization outpaces Skilled utilization for all categories. This difference is particularly pronounced in the African American and Hispanic categories, the racial and ethnic categories with the largest total participation hours. The percentage of Hispanic Laborers (29.5 percent) is three times greater than the percentage of Hispanic workers in the Skilled trades (9.8 percent). African Americans are more than twice as likely to be employed as a Laborer (21.9 percent) than as a Skilled worker (9.1 percent). Although utilization is not high in either category, in FY 2017, the difference in percentages of employment of Asian and Native American/Pacific Islander Laborers as compared to Skilled workers was 0.3 and 0.4 percentage points, respectively.

TABLE 3.2.A FY 2017 TRADE/CONTRACTOR UTILIZATION BY THE CITY OF PHILADELPHIA BY RACE/ETHNICITY/GENDER AND JOB TYPE⁹

	Women	African-American	Hispanic	Asian	Native American	All Minority
Laborer	0.7%	21.9%	29.5%	0.5%	0.7%	52.6%
Skilled	0.7%	9.1%	9.8%	0.2%	0.3%	19.4%
All	0.7%	13.7%	16.7%	0.3%	0.5%	31.1%

Econsult Solutions (2018)

TABLE 3.2.B FY 2016 TRADE/CONTRACTOR UTILIZATION BY THE CITY OF PHILADELPHIA BY RACE/ETHNICITY/GENDER AND JOB TYPE

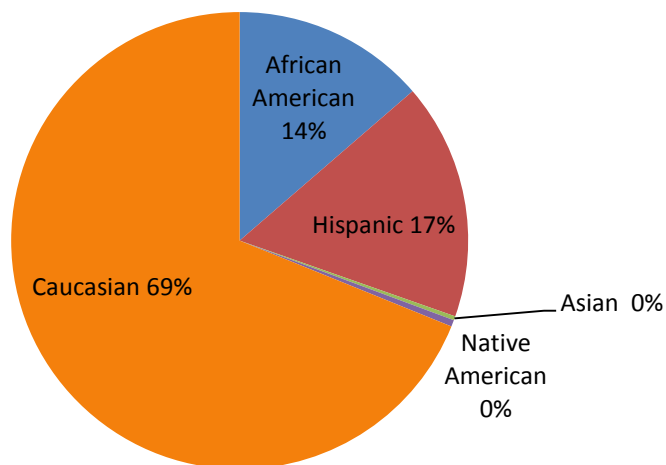
	Women	African-American	Hispanic	Asian	Native American	All Minority
Laborer	0.8%	18.9%	31.0%	0.7%	0.4%	51.0%
Skilled	0.7%	9.1%	7.6%	0.2%	0.6%	17.5%
All	0.8%	13.2%	17.3%	0.4%	0.5%	31.3%

Econsult Solutions (2017)

⁹ MSA utilization is not presented because utilization is only tracked within the City for City contracts. Both security guard and custodial hours were eliminated from the FY 2017 and FY 2016 utilization analysis because the nature of the occupation fundamentally differs from that of the other Skilled trades considered.

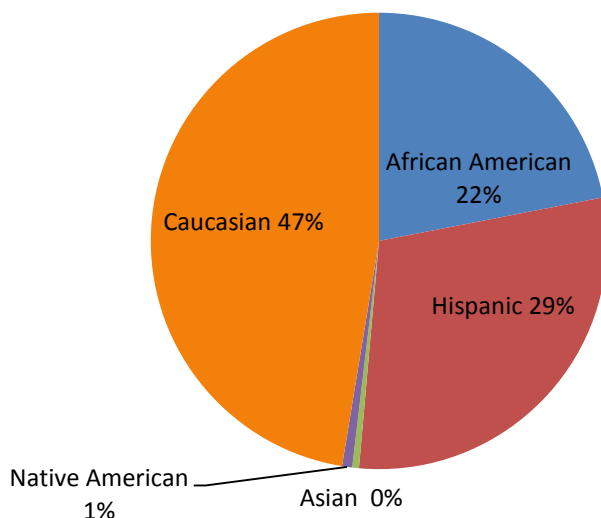
Figures 3.2.C through 3.2.E represent a visual breakdown of the FY 2017 workforce data by labor category as well as race, ethnicity, and gender.

FIGURE 3.2.C FY 2017 ALL TRADE/CONTRACTOR UTILIZATION BY THE CITY OF PHILADELPHIA BY RACE/ETHNICITY/GENDER



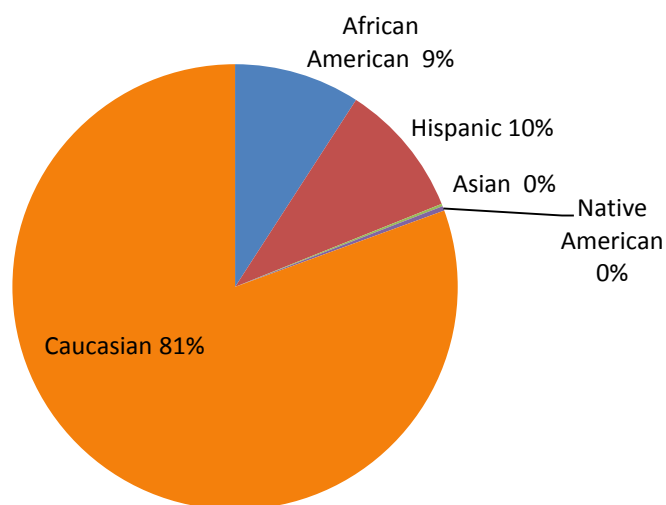
Econsult Solutions (2018)

FIGURE 3.2.D FY 2017 LABORER TRADE/CONTRACTOR UTILIZATION BY THE CITY OF PHILADELPHIA BY RACE/ETHNICITY/GENDER



Econsult Solutions (2018)

FIGURE 3.2.E FY 2017 SKILLED TRADE/CONTRACTOR UTILIZATION BY THE CITY OF PHILADELPHIA BY RACE/ETHNICITY/GENDER



Econsult Solutions (2018)

3.3 Utilization by Employee Type

The MAACID report set a 50 percent goal for the utilization of minority apprentices on EOP contracts. Table 3.3 shows the breakdown of hours by Laborer (journeyperson and apprentice) and by Skilled trades (journeyperson and apprentice), and includes utilization percentages across race, ethnicity, and gender. Each category also includes percentages for new hires.¹⁰

Overall, the percentage of minority apprentice hours (33.0 percent) fell short of the 50 percent goal and minority apprentice participation decreased by 13.5 percentage points from FY 2016 to FY 2017. For Skilled workers, 31.9 percent of apprentice hours were performed by minorities and for Laborers, 100 percent of the hours were worked by minorities. It should be noted that Laborer apprentice hours on EOP contracts included in the LCP Tracker dataset represented only 0.1 percent (370 hours) of 313,093 total specified Laborer hours.

Notably, the utilization of minority apprentices at 33.0 percent utilization was greater than the utilization of minority journeymen at 31.1 percent. Of all Laborer journeyperson hours, 52.5

¹⁰ It should be noted that the data presented for the new hire category is limited. As discussed earlier, the data only indicates that a new hire was employed within 90 days. It does not indicate skill level or if persons hired are permanent or have temporarily relocated from outside the area to help meet current construction demand. When assessing all employment hours, the utilization of minority new hires increased by nearly 2.2 percentage points from FY 2016 to FY 2017. The percentage of women new hires remained essentially unchanged. For additional analysis related to the new hire category see the Appendix Tables A.6, A.7, and A.8.

percent were performed by minorities, (up from 50.8 percent in FY 2016), with 21.9 percent from African Americans, 29.5 percent from Hispanics, 0.5 percent from Asians, and 0.7 percent from Native Americans. Women journeypersons accounted for 0.7 percent of total Laborer hours (See Table 3.3).

TABLE 3.3 FY 2017 PERCENTAGE OF HOURS BY EMPLOYEE TYPE

Laborer Hours	Afr Am	Hisp	Asian	Native	% Minority	% Women
Journey	21.9%	29.5%	0.5%	0.7%	52.5%	0.7%
Apprentice	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
Total	21.9%	29.5%	0.5%	0.7%	52.6%	0.7%
Skilled Hours	Afr Am	Hisp	Asian	Native	% Minority	% Women
Journey	8.4%	9.9%	0.2%	0.3%	18.9%	0.5%
Apprentice	25.6%	6.2%	0.0%	0.2%	31.9%	3.8%
Total	9.1%	9.8%	0.2%	0.3%	19.4%	0.7%
All Hours	Afr Am	Hisp	Asian	Native	% Minority	% Women
Journey	13.3%	17.0%	0.3%	0.5%	31.1%	0.6%
Apprentice	26.7%	6.1%	0.0%	0.2%	33.0%	3.7%
Total	13.7%	16.7%	0.3%	0.5%	31.1%	0.7%

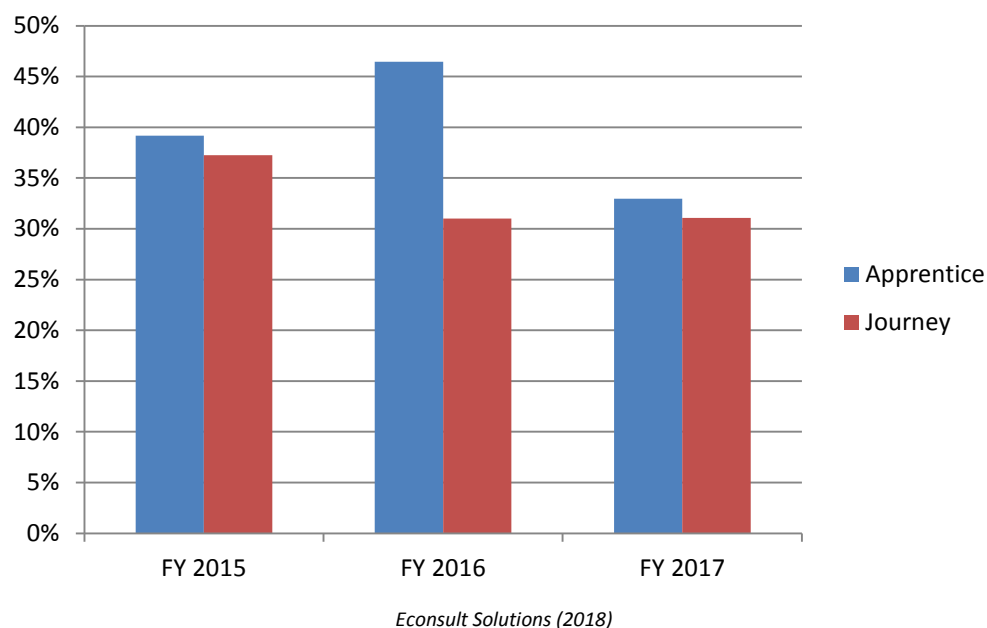
Econsult Solutions (2018)

In determining participation rates for minorities and women in the labor force, it is also important to look at who is entering the trades. Analyzing the utilization of the percentage of apprentices potentially helps to inform future availability in both the Laborer and Skilled categories as well as across gender, race, and ethnicity. Overall, from FY 2015- FY 2017, at least 97 percent of all specified hours were performed by journeypersons, leaving limited opportunities for apprentice participation. However, analyzing apprentice participation across race and ethnicity categories, there are some trends that may inform future availability. For example, of all apprentice hours performed, 37.1 percent and 26.7 percent were performed by African Americans in FY 2016 and FY 2017 respectively, indicating the potential for increased African American journeyperson participation in the future.

Although future availability and potential utilization of journeypersons is expected to increase as current apprentices complete their training and move to the level of a journeyperson, the actual dynamic between apprentice and journeyperson workers remains complex and unknown. Figure 3.3 shows the utilization of journeypersons compared to apprentices between FY 2015 and FY 2017. Over the past three fiscal years, the percentage of minority

apprentices has been consistently greater than the percentage of minority journeypersons. Meaning, apprentices are more likely to be minorities than journeypersons. Despite this fact, the percentage of minority journeyperson participation has not materially increased.

FIGURE 3.3 PERCENTAGE MINORITY HOURS OF TOTAL HOURS BY EMPLOYEE TYPE, FY 2015 - FY 2017



There are several possible explanations for the failure of minority apprentice participation to stimulate future minority journeyperson participation. Minority apprentices may be experiencing barriers preventing advancement to the journeyperson level, or minority journeypersons may simply be exiting the construction trades through alternative employment or retirement. It is important to note that there is not enough evidence to prove that this observation is indicative of a long-term trend. The relationship between minority apprentice and journeyperson participation should continue to be monitored in the future; strategies to encourage increased minority participation and advancement may be needed.

3.4 Utilization by Department¹¹

This report analyzes utilization of minority and women workers for contracts awarded by the Water Department, Aviation Division, Streets Department, and Public Property Department. The utilization of all four departments follows the overall trend of significantly higher levels of

¹¹ Because utilization is only tracked for City of Philadelphia contracts, the departmental utilization data presented in this section is city based and does not include 11-County MSA utilization.

minority Laborer utilization than Skilled minority utilization. In fact, in the Aviation Division, minority Laborers were used at a rate over two times greater than the usage of minority Skilled workers. This finding is particularly evident in the African American and Hispanic categories. Across all departments the utilization of African American Laborers significantly outperforms the utilization of African American Skilled workers. Hispanic Laborers also accounted for substantially more employment hours than Hispanic Skilled workers in the Water, Aviation, and Streets Departments, with Hispanic Laborers performing four and half times more hours than Hispanic Skilled workers in the Streets Department. Additional effort may be needed to encourage increased recruitment of Skilled African American and Hispanic workers.

TABLE 3.4.A WATER DEPARTMENT - TRADE/CONTRACTOR UTILIZATION BY RACE/ETHNICITY/GENDER AND JOB TYPE

	Women	African-American	Hispanic	Asian	Native American	All Minority	Total Specified Hours
Laborer	1.0%	23.0%	35.8%	0.6%	0.8%	60.2%	483,563
Skilled	0.8%	10.5%	14.3%	0.1%	0.0%	24.9%	
All	0.9%	16.3%	24.2%	0.4%	0.4%	41.2%	

Econsult Solutions (2018)

TABLE 3.4.B AVIATION - TRADE/CONTRACTOR UTILIZATION BY RACE/ETHNICITY/GENDER AND JOB TYPE

	Women	African-American	Hispanic	Asian	Native American	All Minority	Total Specified Hours
Laborer	0.0%	15.1%	13.7%	0.0%	0.0%	28.8%	283,527
Skilled	0.4%	5.2%	3.1%	0.3%	0.8%	9.4%	
All	0.3%	7.4%	5.5%	0.2%	0.6%	13.7%	

Econsult Solutions (2018)

TABLE 3.4.C STREETS DEPARTMENT - TRADE/CONTRACTOR UTILIZATION BY RACE/ETHNICITY/GENDER AND JOB TYPE

	Women	African-American	Hispanic	Asian	Native American	All Minority	Total Specified Hours
Laborer	0.0%	20.5%	22.5%	0.0%	0.0%	43.0%	13,008
Skilled	0.0%	6.0%	5.0%	1.7%	0.0%	12.7%	
All	0.0%	12.6%	12.9%	0.9%	0.0%	26.4%	

Econsult Solutions (2018)

TABLE 3.4.D PUBLIC PROPERTY DEPARTMENT - TRADE/CONTRACTOR UTILIZATION BY RACE/ETHNICITY/GENDER AND JOB TYPE

	Women	African-American	Hispanic	Asian	Native American	All Minority	Total Specified Hours
Laborer	0.2%	32.0%	11.2%	0.3%	2.6%	46.1%	107,129
Skilled	0.8%	15.3%	13.5%	0.1%	0.1%	29.0%	
All	0.7%	18.5%	13.1%	0.2%	0.6%	32.3%	

Econsult Solutions (2018)

The Water Department accounted for 483,563 specified hours; over half of total employment hours analyzed, and reported the highest minority utilization rate of all departments at 41.2 percent. The Water Department also has the highest total utilization of all minority laborers at 60.2 percent and the highest utilization of female Laborers overall at 0.9 percent. The Public Property Department has the highest total utilization of minority skilled workers at 29.0 percent tracked (see Table 3.4D). The Aviation department reported the lowest utilization of Laborer and Skilled workers and consequently exhibited the lowest overall minority participation. Detailed department tables showing the count and distribution of hours by Laborer versus Skilled are included in the Appendix at the end of this report.

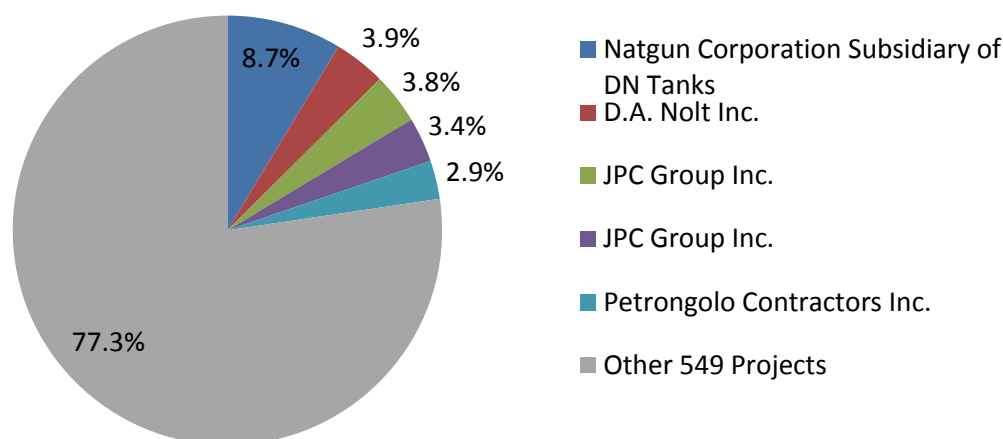
This is the first year that separate data for the Philadelphia Industrial Development Corporation (PIDC) was provided. PIDC reported 444,178 total specified hours. The composition of these hours differs considerably from the other four departments. Specifically, over 80 percent of PIDC contract hours were performed by Skilled workers compared to 65 percent for the other four departments. Given these differences, and the lack of comparable data from the previous year, a year-over-year comparison would have involved fundamentally different mixes of hours and, therefore, was not undertaken. Moving forward, if OEO continues to collect PIDC data, a year-over-year departmental analysis may be included in future reports.

3.5 Utilization by EOP Size

Across the Philadelphia MSA and within the City of Philadelphia, there is a need for more minority and female trade workers and Skilled journeypersons specifically. The demand for construction jobs in the Philadelphia region is high at this time and will continue to increase for the next several years with multiple large contracts occurring concurrently. While, overall, the achievement of the minority employment goal is high, many smaller EOP contracts are not meeting the goal. In other words, a few EOP contracts are carrying the weight of meeting the goal. In fact, 37 percent of all contracts reported zero minority utilization.

When reading this report, one should keep in mind that all EOPs are not equal in size and that some fiscal years see very large, active EOP contracts. If participation is not high in larger contracts, then it is difficult for small contracts to make up the difference. However, the reverse is not true. If large contracts are doing well in meeting goals, the small contracts still need to do their part to help reach the City's overall goal. This factor should be considered in goal setting and monitoring.

Four contractors were responsible for the top five EOPs. JPC Group, Inc. participated in two of the top five EOP contracts. Concerning EOP project achievement for the 539 contracts examined in this report, the top five EOPs carried over one-fifth, or 23 percent, of the total minority hours worked. For these five contracts, 39.8 percent of total minority hours were performed by Laborers and 45.6 percent of total minority hours were performed by Skilled workers. Overall, the trend of large contracts dominating total minority hours is more distinct in FY 2017 than FY 2016.

FIGURE 3.5 TOP FIVE CONTRACTS BY ALL MINORITY HOURS*Econsult Solutions (2018)***TABLE 3.5 TOP FIVE CONTRACTS BY ALL MINORITY HOURS**

Project Description	Contractor	Department	EOP Minority Hours	EOP Minority Hours/Total EOP Hours	EOP Minority Hours/Total Minority Hours
East Park Reservoir @ 33rd & Diamond	Natgun Corporation Subsidiary of DN Tanks	Water	23,923	66.50%	8.70%
4601 Market	D.A. Nolt Inc.	Public Property	10,760	49.80%	3.90%
Belmont Raw Water Basin	JPC Group Inc.	Water	10,565	42.20%	3.80%
Relay of Water Mains @ Broad St (East Side)	JPC Group Inc.	Water	9,361	80.80%	3.40%
Reconstruction of Sewers & Relays @ S. 61st	Petrongolo Contractors Inc.	Water	7,967	84.60%	2.90%

Econsult Solutions (2018)

The East Park Reservoir @ 33rd & Diamond project provided the most minority hours, with 23,923 minority hours, accounting for 66.5 percent of the 35,997 total specified hours. Of all specified hours, 25.8 percent (9,275 hours) were performed by African Americans, 40.7 percent (14,648 hours) by Hispanics, zero percent by Asians and Native American/Pacific Islanders, and 3.3 percent (1,172 hours) by women. Of all minority hours, 35.4 percent were performed by Laborers and 64.5 percent by Skilled workers.

The 4601 Market project had 21,591 total specified hours, 49.8 percent (10,760 hours) of which were attributed to minority workers. Of all specified hours, 25.4 percent (5,484 hours) were performed by African Americans, 24.4 percent (5,276 hours) by Hispanics, and zero percent by Asians, Native American/Pacific Islanders, and women. Of all minority hours, 15.6 percent were performed by Laborers and 84.4 percent by Skilled workers.

The Belmont Raw Water Basin project performed by JPC Group, Inc. had 25,040 total specified hours, 42.2 percent (10,565 hours) of which were attributed to minority workers. Of all specified hours, 36.0 percent (9,024 hours) were performed by African Americans, 6.2 percent (1,541 hours) by Hispanics, zero percent by Asians and Native American/Pacific Islanders, and 1.5 percent (370 hours) by women. Of all minority hours, 69.6 percent were performed by Laborers and 30.4 percent by Skilled workers.

The Relay of Water Mains @ Broad St (East Side) project had 11,591 total specified hours, 80.8 percent (9,361) of which were attributed to minority workers. Of all specified hours, 10.8 percent (1,247 hours) were performed by African Americans, 69.9 percent (8,098 hours) by Hispanics, 0.1 percent (17 hours) by Asians, zero percent by Native American/Pacific Islanders, and women. Of all minority hours, 64.8 percent were performed by Laborers and 35.2 percent by Skilled workers.

The Reconstruction of Sewers & Relays @ S. 61st project had 9,419 total specified hours, 84.6 percent (7,967 hours) of which were attributed to minority workers. Of all specified hours, 33.2 percent (3,132 hours) were performed by African Americans, 49.6 percent (4,674 hours) by Hispanics, zero percent by Asians, 1.7 percent (161 hours) Native American/Pacific Islanders, and zero percent by women. Of all minority hours, 92.6 percent were performed by Laborers and 7.4 percent by Skilled workers.

For further detail on minority hours by project, please see Appendix Table A.10 and A.11.

3.6 Variance from Minority Goal

The City of Philadelphia set the minority construction trades goal at 40 percent. The figures and tables in this section illustrate the achievement of the minority goal by both contracts and hours. Variances of achievement from -40 percentage points to greater than 20 percentage points with zero percentage points equating to meeting the 40 percent EOP employment goal are displayed. The percentages at or above zero, by variance, show the contracts that met or exceeded the 40 percent goal.

As shown in Figure 3.6.A, 27 percent of the EOP contracts analyzed for this report met or exceeded the City's 40 percent minority employment goal. Contracts falling below 40 percent

minority utilization or zero percentage points from the goal did not meet the 40 percent minority goal. Out of all EOP contracts, 73 percent have not achieved the 40 percent goal, while 37 percent recorded zero minority hours.

FIGURE 3.6.A NUMBER OF ALL EOP EMPLOYMENT CONTRACTS BY VARIANCE FROM FY 2017 MINORITY GOAL¹²

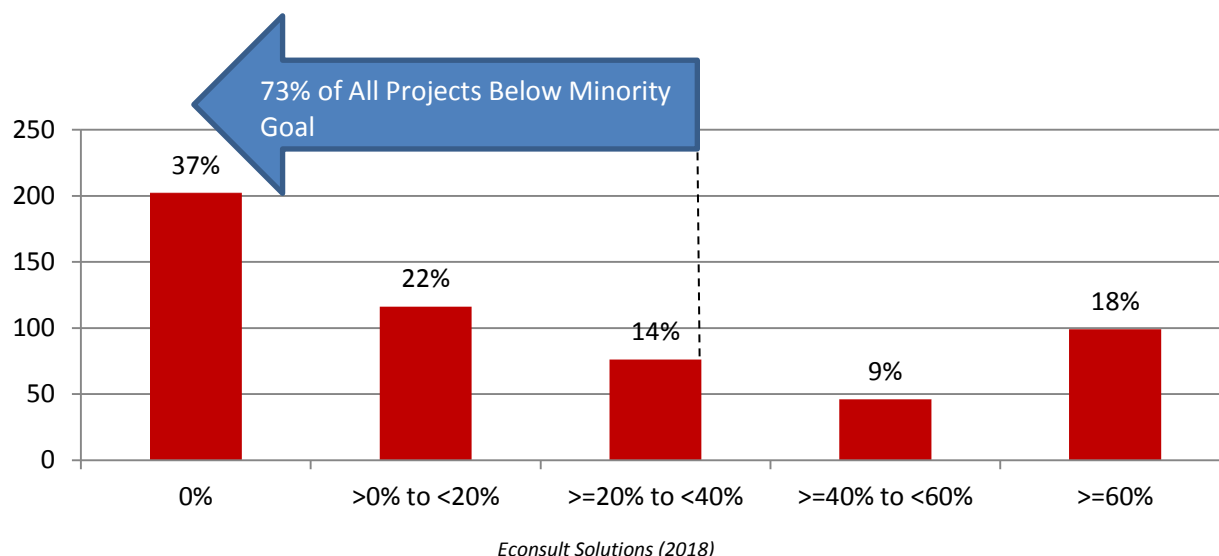


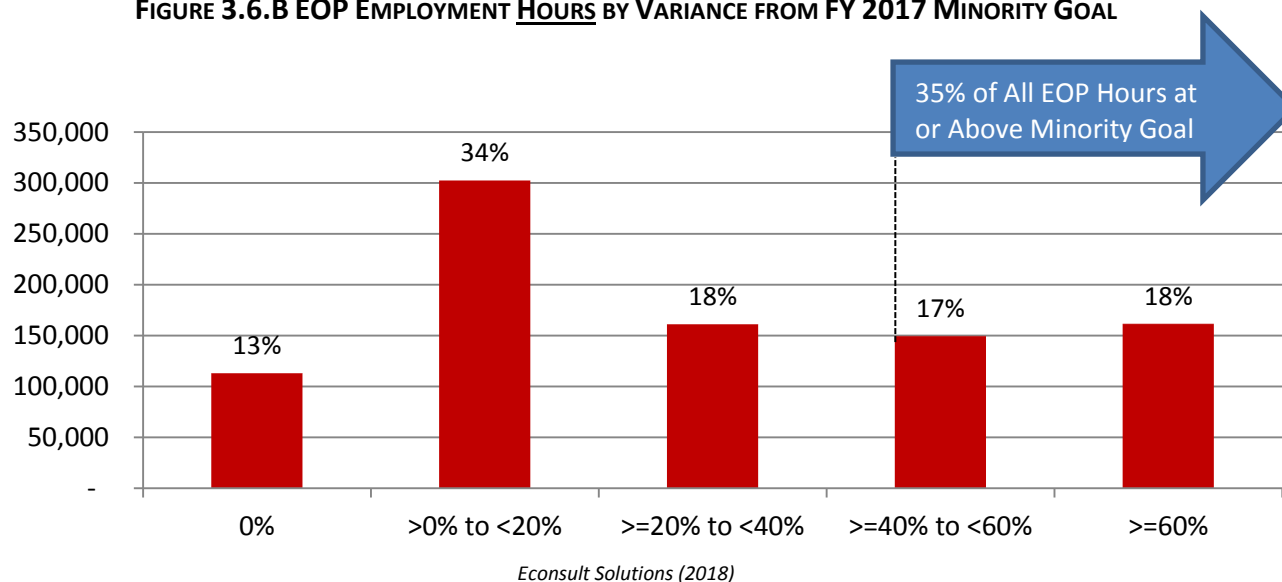
TABLE 3.6.A NUMBER OF EOP EMPLOYMENT CONTRACTS BY VARIANCE FROM FY 2017 MINORITY GOAL

-40 percentage points	Between -40 and -20 percentage points	Between -20 and 0 percentage points	Between 0 and 20 percentage points	Greater than 20 percentage points
0%	>0% to <20%	>=20% to <40%	>=40% to <60%	>=60%
202	116	76	46	99
37%	22%	14%	9%	18%

Econsult Solutions (2018)

By employment hours, as shown in Figure 3.6.B, 35 percent of the EOP contract hours analyzed for this report met or exceeded the City's 40 percent minority employment goal. Eighteen percent of all EOPs by employment hours exceeded the 40 percent goal by more than 20 percentage points. Of all EOP contract hours, 65 percent have not achieved the 40 percent goal. In fact, 13 percent of all contract hours can be attributed to contracts with zero minority participation.

¹² Percentages may not add to 100 percent due to rounding.

FIGURE 3.6.B EOP EMPLOYMENT HOURS BY VARIANCE FROM FY 2017 MINORITY GOAL**TABLE 3.6.B EOP EMPLOYMENT HOURS BY VARIANCE FROM FY 2017 MINORITY GOAL**

-40 percentage points	Between -40 and -20 percentage points	Between -20 and 0 percentage points	Between 0 and 20 percentage points	Greater than 20 percentage points
0%	>0% to <20%	>=20% to <40%	>=40% to <60%	>=60%
113,046	302,160	161,053	149,540	161,428
13%	34%	18%	17%	18%

Econsult Solutions (2018)

Tables 3.6.C through 3.6.F further evaluate variance from the FY 2017 minority goal by contract hours as presented in Figure 3.6.B, mirroring the variance by contract size analysis presented in the FY 2017 EOP Analysis report. The EOP Employment data was distributed into four contract sizes: smallest, small to mid, mid to large, and largest by contract hours.¹³ As shown in the charts, the smaller the contract, the larger the percentage of contract hours with zero minority participation. In addition, relatively small contracts have the greatest percentage of contract hours at either zero percent minority participation or well above the minority goal at >=60 percent minority participation. Conversely, the largest contracts have the lowest percentage of total contract

56 percent of small contracts had zero minority participation.

¹³ The 539 projects with specified hours were distributed into quartiles by project hours to categorize each project as smallest, small to mid, mid to large, and largest.

hours with zero minority participation and the highest percentage of total contract hours exceeding the minority goal at 36 percent.

FIGURE 3.6.C SMALLEST CONTRACTS, BY VARIANCE RANGES FROM FY 2017 MINORITY GOAL¹⁴

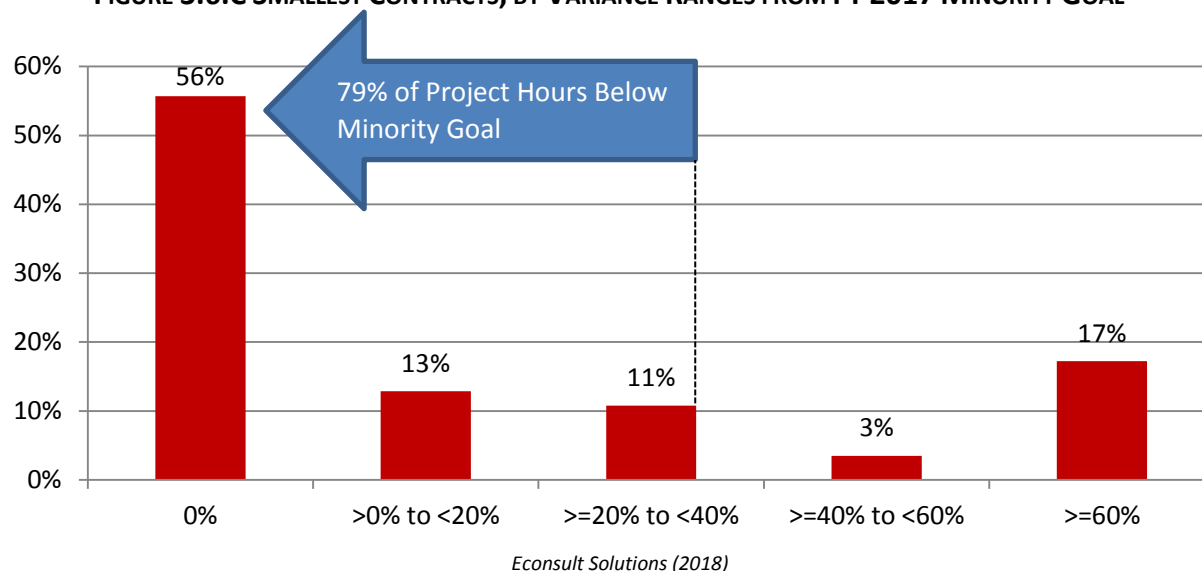
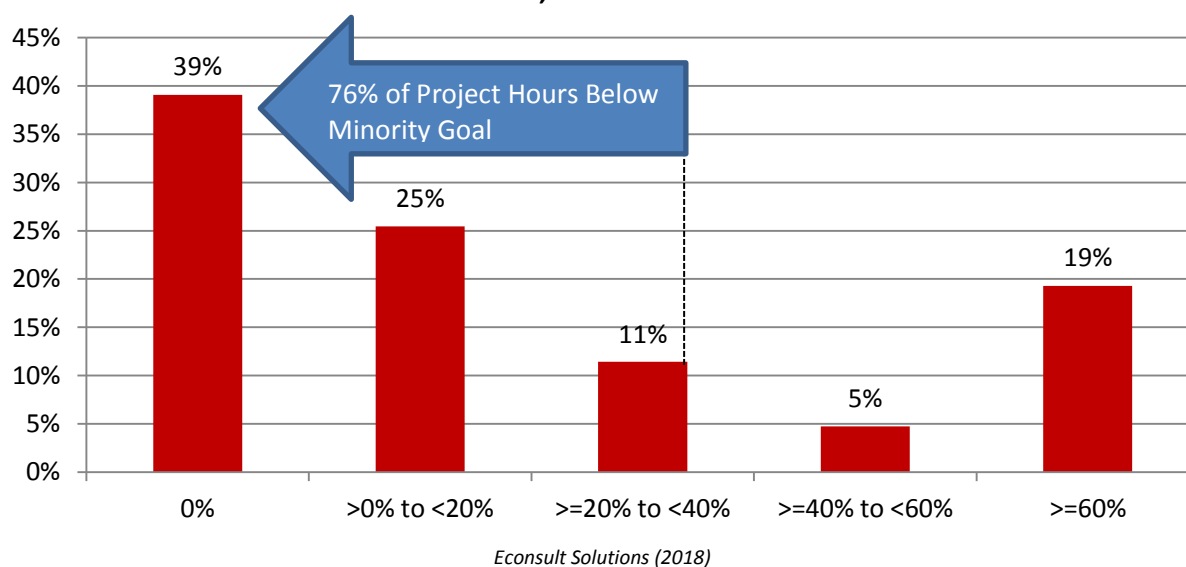
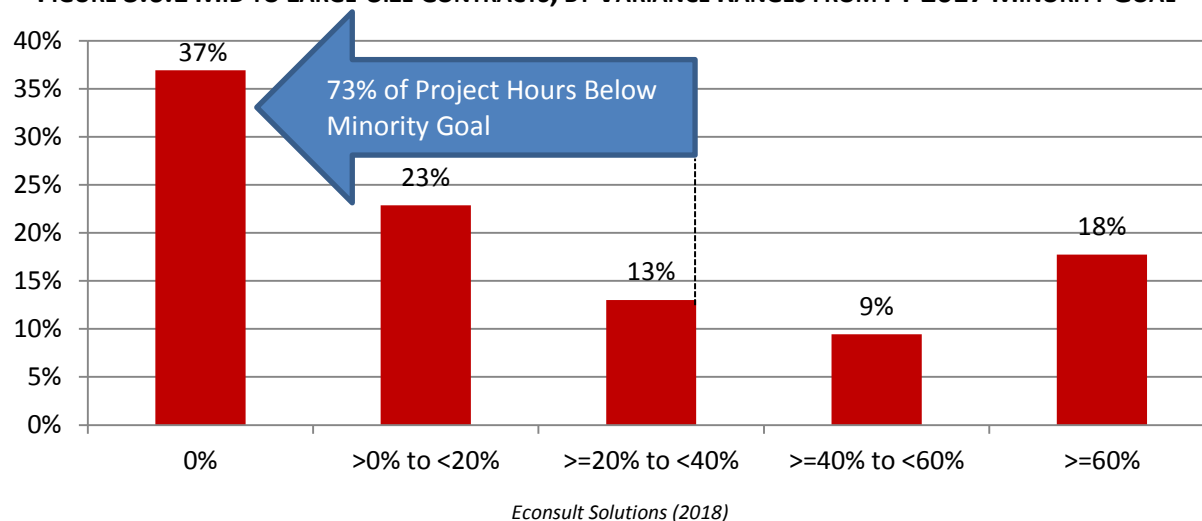
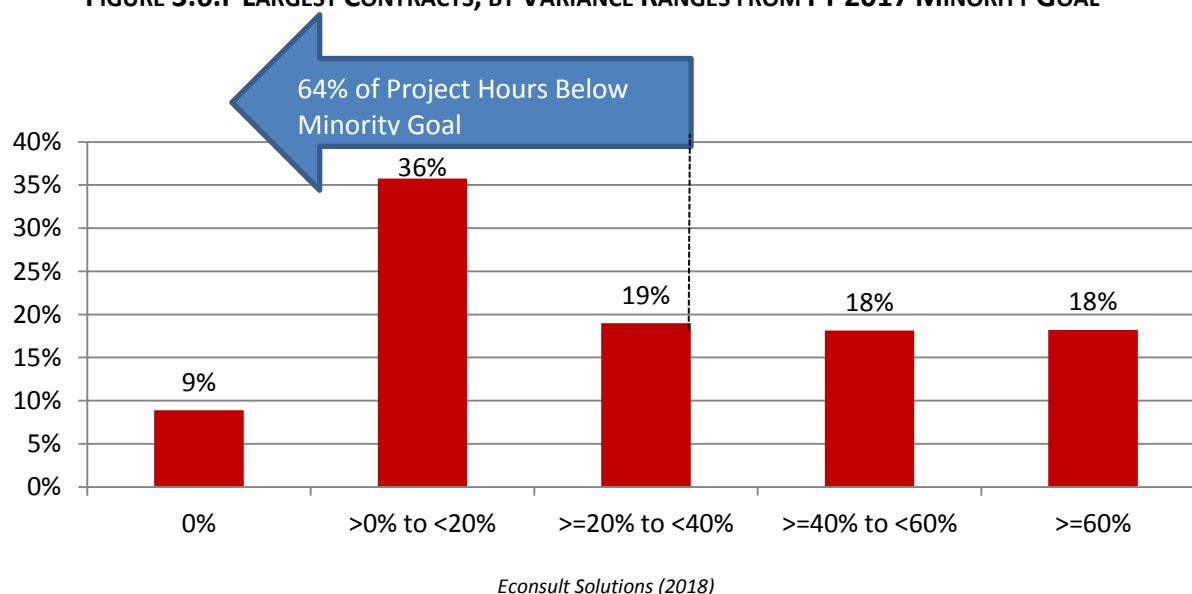


FIGURE 3.6.D SMALL TO MID-SIZE CONTRACTS, BY VARIANCE RANGES FROM FY 2017 MINORITY GOAL¹⁵



¹⁴ The smallest projects have less than 76 total specified project hours.

¹⁵ Small to mid-size projects range from 76 to less than 289 total specified project hours.

FIGURE 3.6.E MID TO LARGE-SIZE CONTRACTS, BY VARIANCE RANGES FROM FY 2017 MINORITY GOAL¹⁶**FIGURE 3.6.F LARGEST CONTRACTS, BY VARIANCE RANGES FROM FY 2017 MINORITY GOAL¹⁷**

Overall, many of the EOPs with zero minority labor hours were relatively small contracts. As the contracts increase in size, the number of contracts with zero minority hours appears to decrease. The differing shapes of Figures 3.6.A and 3.6.B illustrate the relationship between goal achievement by contract and goal achievement by hours. When variance from the minority goal is analyzed by each contract, the leftmost bar is the largest indicating a large number of contracts with zero percent minority participation. However, these contracts are

¹⁶ Mid to large-size projects range from 289 to less than 1233 total specified project hours.

¹⁷ The largest projects have greater than or equal to 1233 total specified project hours.

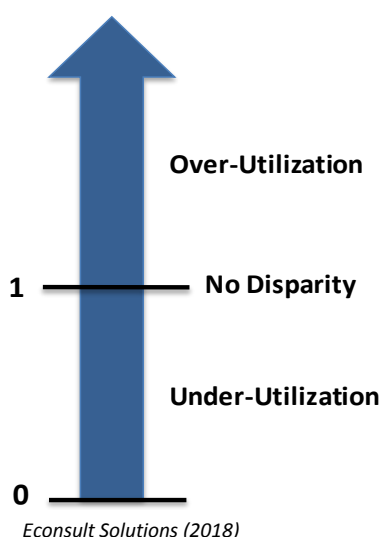
relatively small, representing an average of 560 total specified hours. When the employment data is analyzed by hour, the rightmost bar is one of the largest, indicating that a relatively large percentage of total EOP contracts by hours were more than 20 percentage points above the 40 percent goal. Overall, many small contracts failed to meet the 40 percent goal and even had zero percent minority participation, while relatively large contracts dominated the distribution of minority hours.

4 DISPARITY: Ratio of Utilization to Availability

While the availability of minority Laborers and utilization of minority Laborers within the City of Philadelphia are relatively close (59.0 percent vs. 52.6 percent) as shown in Table 2.3.B and Table 3.2.A, the 19.4 percent utilization rate of minority Skilled workers is considerably lower than the availability of these workers at 40.9 percent. Although this report focuses on minority workers who are working in the City of Philadelphia, it should be noted that the overall minority construction trade participation on contracts in the City of Philadelphia at 31.1 percent exceeds the regional construction labor pool of 22.7 percent in the Philadelphia MSA (Table 2.3.A).

The difference between the availability of minority workers compared to the utilization of minority workers determines the disparity between the participation of minority and non-minority workers on EOP contracts. This disparity ratio is simply the utilization rate divided by the availability rate. A disparity ratio that is greater than 1.0 represents “over-utilization,” whereas a disparity ratio less than 1.0 represents “under-utilization.” Therefore, a disparity ratio of 1.0 indicates parity in the labor pool between the availability and use of minority workers. A ratio of less than 1.0 reveals that there are more minority workers available in the labor pool than are working on EOP contracts. The disparity ratio can and will fluctuate year to year based on the availability of workers compared to their participation on contracts. It is important to note that the City competes with other project owners for diverse workers, particularly in trades where there is a relative scarcity in minority and female workers.

FIGURE 4.0 RATIO OF UTILIZATION TO AVAILABILITY: DISPARITY RATIO



4.1 Disparity at the MSA Level

Table 4.1.A shows the disparity ratios related to the MSA construction trades labor force and their participation on EOP contracts. Since the availability of minority trade workers in the MSA is lower than the utilization on EOP contracts, the disparity ratio for all minority workers exceeds 1.00. In other words, the disparity ratio shows that combined utilization of both minority Laborers and Skilled workers across the MSA is exceeding availability with an overall disparity ratio of 1.37. However, when examining the Laborer and Skilled categories closely, the disparity ratio of minority Laborers is 1.47 while the disparity ratio of minority Skilled workers is 1.00, indicating the overall high utilization of minority workers is dominated by minority Laborers. The disparity ratios of minority workers in both the Laborer and Skilled categories rose from 2016 levels, while the overall disparity ratio in the MSA essentially remained the same. The utilization of women across both the Laborer and Skilled categories is well below the availability in the MSA, as the disparity ratio of 0.28 indicates, and has decreased slightly from 2016.

TABLE 4.1.A FY 2017 TRADE/CONTRACTOR DISPARITY IN PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD METRO AREA BY RACE/ETHNICITY/GENDER AND JOB TYPE

FY 2017 Utilization/ Availability	Women	African- American	Hispanic	Asian	Native American	All Minority
Laborer	0.25	1.35	1.68	0.35	19.67	1.47
Skilled	0.29	1.00	1.18	0.16	1.68	1.00
All	0.28	1.30	1.66	0.24	2.81	1.37

Econsult Solutions (2018)

TABLE 4.1.B FY 2016 TRADE/CONTRACTOR DISPARITY IN PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD METRO AREA BY RACE/ETHNICITY/GENDER AND JOB TYPE

FY 2016 Utilization/ Availability	Women	African- American	Hispanic	Asian	Native American	All Minority
Laborer	0.30	1.16	1.78	0.50	10.00	1.42
Skilled	0.30	0.99	0.92	0.18	2.89	0.90
All	0.31	1.25	1.72	0.34	2.92	1.38

Econsult Solutions (2017)

4.2 Disparity at the City Level

In comparison, Table 4.2.A shows the disparity ratios related to the construction trades labor force in the City of Philadelphia and participation on EOP contracts. In FY 2017, the overall minority disparity ratio was 0.69. The availability of minority trade workers in Philadelphia is much higher (45.0 percent) than the availability in the MSA (22.7 percent). Since the availability of minority employees is higher in the City, the disparity ratios in the City are significantly lower than the disparity ratios in the MSA.

In FY 2017, the overall minority disparity ratio of 0.69 remained nearly the same compared to FY 2016.

Notably, in the City, minorities and women in the construction trades are under-utilized but the ratios vary between the Laborer and Skilled categories by race and ethnicity (see Tables 4.2.A and 4.2.B). The Laborer category for all minorities reached a disparity ratio of 0.89 while the Skilled category is much lower at a ratio of 0.48.

The disparity ratios indicate that Laborers by race and ethnicity have a much higher utilization rate than minority Skilled workers. However, although the overall minority disparity rate for Laborers is 0.89, the Laborer disparity ratios by each race other than Hispanic are significantly lower. Specifically, the Hispanic Laborer disparity ratio is 1.55, meaning that while 19.0 percent of the available labor force at the city level consists of Hispanic Laborers; Hispanics perform 29.5 percent of all Laborer hours. African American and Asian Laborer disparity ratios show under-utilization at ratios of 0.63 and 0.15, respectively.

The minority Skilled worker disparity ratio of 0.48 indicates that there are fewer minority Skilled workers within Philadelphia participating on EOP contracts than are available for work. In the City, all disparity ratios within each race and ethnicity category for Skilled workers are below 1.0. The ratio for women Skilled workers (0.24) falls below 1.0, yet displays less disparity than the women Laborer category (0.15). In addition, the total minority disparity ratios have slightly increased in both the Laborer and Skilled categories from 2016 levels, while the overall minority ratio remained nearly the same.

TABLE 4.2.A FY 2017 TRADE/CONTRACTOR DISPARITY IN PHILADELPHIA CITY BY RACE/ETHNICITY/GENDER AND JOB TYPE

FY 2017 Utilization/ Availability	Women	African- American	Hispanic	Asian	Native American	All Minority
Laborer	0.15	0.63	1.55	0.15	N/A	0.89
Skilled	0.24	0.38	0.81	0.06	0.71	0.48
All	0.21	0.51	1.21	0.09	1.33	0.69

Econsult Solutions (2018)

TABLE 4.2.B FY 2016 TRADE/CONTRACTOR DISPARITY IN PHILADELPHIA CITY BY RACE/ETHNICITY/GENDER AND JOB TYPE

FY 2016 Utilization/ Availability	Women	African- American	Hispanic	Asian	Native American	All Minority
Laborer	0.18	0.54	1.64	0.22	N/A	0.86
Skilled	0.25	0.38	0.63	0.06	1.23	0.43
All	0.23	0.49	1.26	0.13	1.39	0.70

Econsult Solutions (2017)

5 FINDINGS AND RECOMMENDATIONS

5.1 Implications for Policy and Program Actions

Goals based upon labor force availability are justifiable for this type of data analysis. The City continues to analyze this data and its implications for employment goal setting and monitoring. Additional years of data will help to inform which areas should be explored further through trend analysis. Disparity in the number of hours worked by minorities compared to number of hours worked by non-minorities, particularly in the Skilled trades, remains. This suggests a need for an increased number of minority Skilled workers employed on contracts with EOPs.

A majority of EOP Employment contracts failed to meet the 40 percent goal. It is important to acknowledge that project teams, particularly for smaller contracts, are often assembled through informal connections and previous working relationships, whereas larger contracts often require some type of formal outreach to gather an appropriate team. Any effective strategy of addressing the relatively low minority participation of smaller and mid-sized contracts must recognize both of these realities, using methods to ensure that minorities and women are not systematically excluded from employment opportunities. Additionally, given current minority availability of 45 percent and utilization of 31.1 percent, the City should strategize how to reach the 40 percent goal.

Monitoring the utilization of new hires, journeypersons, and apprentices will help the City better understand the impact of new hires and apprentices on future utilization and availability. Before effective policies encouraging increased female and minority participation can be pursued, additional data must be collected and analyzed, particularly to determine whether the relatively large number of new hires is translating into overall increased participation. This analysis will help to inform future policy recommendations and prioritization.

5.2 For Further Exploration

Increase overall minority utilization to align with availability

Recall in Section 3.2 that the analysis showed minority utilization (31.1 percent) fell short of the 40 percent goal. In Table 2.3.B, the availability of all minorities in the City in construction trades was shown to be 45 percent. The City has set a 40 percent goal based on historical utilization, sound methodology, and analysis.

The City may want to consider monitoring the minority goal more closely to reconcile both the disparity in the utilization of minority Skilled workers and the large number of EOPs that are

having difficulty in meeting the 40 percent minority employment goal. The overall participation rate is a combination of Laborer and Skilled hours. Drilling down a little deeper into the data shows Laborer availability of 59.0 percent and Laborer utilization of 52.6 percent (see Tables 2.3.B and 3.2.A) and Skilled worker availability of 40.9 percent and Skilled utilization at 19.4 percent. Additional exploration is needed on how availability and utilization influence each other and the possibility that the 30 percent minority Skilled worker goal is too low. Based upon availability of both Laborers and Skilled workers plus the actual total minority utilization of 31.1 percent, as discussed in this report, a total minority goal of 40 percent appears achievable.

TABLE 5.2.A EOP RECOMMENDED EOP EMPLOYMENT GOAL FOR MINORITIES BY EMPLOYMENT TYPE

Category	Utilization	Availability	Recommended Goal
Laborer	53%	59%	60%
Skilled	19%	41%	30%
All	31%	45%	40%

Econsult Solutions (2018)

Continue setting goals for subcategories for individual race/ethnicity

Just as the overall minority goal could be reevaluated, the City should set separate goals for Laborer and Skilled hours on EOP contracts based on the FY 2017 report. Sections 2 and 3 discussed the differences between not only the availability and utilization of Laborers versus Skilled workers, but also the differences between race, ethnicity, and gender within the Laborer and Skilled categories. Considering the possibility of setting and achieving a higher overall minority goal as discussed above, it makes sense also to consider exploring goal setting for individual categories. Based on the differences analyzed in availability and utilization for Laborer and Skilled, different goals can be set for each EOP depending on the split of the labor hours required for the project. For instance, based upon the analysis of current availability and historic utilization, the following goals, based upon an overall goal of 40 percent, continue to appear reasonable:

TABLE 5.2.B EOP RECOMMENDED EOP EMPLOYMENT GOAL FOR MINORITIES BY RACE/ETHNICITY AND BY EMPLOYMENT TYPE

Race/Ethnicity	Laborer Hours	Skilled Hours	All Hours
African American	30%	18%	22%
Hispanic	27%	10%	15%
Asian	3%	2%	3%
Total Hours by Subcategory	65%	35%	
Total Hours			40%

Econsult Solutions (2018)

Any change to setting goals based on race and ethnicity needs to be strategic. Goals would potentially have to be set for each EOP individually by considering the worker skill level and the hours required to complete the project. When looking at the percentage of Laborer versus Skilled hours, the Skilled work would need to be understood for each trade required on the project. The minority availability is likely to be different for each trade; therefore, the minority hours would be different for each EOP. If OEO chooses to pursue this methodology for future goal setting, goals can be set on the differences between Laborer and Skilled hours. For instance, if the project requires more Skilled worker hours, a higher goal can be set for minority Skilled participation so that the overall project goal is achieved. Additionally, the City would need to evaluate how to effectively track and monitor goals set at this level.

OEO can explore how to work with both contractors and the trades to move more minority workers into the Skilled category. OEO has had success with mentor-protégé type programs that bring prime contractors and M/W/DSBE subcontractors together and is currently exploring ways to strengthen this program. OEO may want to consider a similar approach to helping contractors identify minority workers who can move into Skilled trades. In considering the overall goal, it is likely that the City needs to conduct more outreach and capacity building in order to increase availability and to grow the utilization of racial and ethnic minority for Skilled hours.

Continue setting a goal for minority apprentice participation

In accordance with the overall minority goal, setting an additional goal to encourage the use of minority apprentices promotes both current and future minority apprentice utilization, while supporting increased availability at the journeyman level in the future. As outlined in the MACCID report, of all apprentice hours, the City currently aims for 50 percent participation by minority apprentices. Recall from Figure 3.3, that all apprentice hours performed by minorities across FY 2015 through FY 2017 outpaced minority journeyman hours. Of all apprentice

hours performed in FY 2017, 33.0 percent were allocated to minorities, a drop from 46.4 percent in FY 2016. Despite this decrease, a goal of 50 percent apprentice utilization for all minority hours is justifiable and achievable.

However, in order to achieve this goal, the distribution of minority apprentice hours by Skilled and Laborer must be taken into account. Since FY 2015, all apprentice Laborer hours have been performed by minorities. Because the majority of minority apprentice hours were performed by Skilled workers, in order to achieve an overall 50 percent minority apprentice participation goal, Skilled minority apprentice utilization must be at or near 50 percent. Achieving a high level of Skilled minority apprentice participation will be disadvantaged by the fact that minority hours are twice as likely to be performed by Laborers than Skilled workers, further evidence of the need to reconcile the disparity in the utilization of minority Skilled workers.

Although a goal to encourage minority apprentice participation is justified, as acknowledged previously in the report, the actual dynamic between apprentice and journeyperson workers remains complex and unknown. Between FY 2015 and FY 2017, over 97 percent of all minority hours are performed by journeypersons, meaning relatively few hours are performed by apprentices. However, opportunities for apprentices to advance to journeypersons are present and it is unclear whether that progression is occurring. The relationship between minority apprentice and journeyperson participation should be monitored in the future and additional strategies to encourage increased minority participation and advancement may be needed.

TABLE 5.2.C EOP RECOMMENDED EOP EMPLOYMENT GOAL FOR MINORITY APPRENTICES

Minority Apprentice Subcategory	Percentage of Hours
Minority Apprentice Laborer	50%
Minority Apprentice Skilled	50%
All Minority Apprentice Hours	50%

Econsult Solutions (2018)

Formalize strategies to promote the utilization and advancement of women workers

As discussed in Sections 2 and 3, the city availability of women in the trades is 3.3 percent, much lower than the current 5 percent goal. Additionally, the 0.7 percent utilization of women workers in the city continues to be well below the goal.

TABLE 5.2.D EOP RECOMMENDED EOP EMPLOYMENT GOAL FOR WOMEN BY EMPLOYMENT TYPE

Women Subcategory	Percentage of Hours
Women Laborer	5%
Women Skilled	5%
All Women Hours	5%

Econsult Solutions (2018)

Based upon both availability of 3.3 percent and utilization of 0.7 percent, the 5 percent goal for all women would be considered a “stretch” goal, a participation rate to be strived toward. Further examination would be beneficial to determine why the utilization of women in Laborer hours is much lower than availability and how this affects the achievement of the current goal. A strategy of investment and outreach should be considered to increase both female availability and utilization.

In addition, the City has set a goal to encourage the utilization of female apprentices and support increased availability at the journey person level in the future. Of all female labor hours, the City currently aims for 5 percent participation by female apprentices. In FY 2016, zero labor hours were performed by female Skilled apprentices and in FY 2017 3.8 percent of Skilled apprentice hours were performed by women indicating that there is in fact opportunity for women to enter the trades. The 5 percent female apprentice participation goal may still seem high based upon the data; however, it is difficult to determine a reasonable goal due to low utilization of both female apprentices and women overall. Formalized strategies to promote and to continue to encourage the availability, utilization, and advancement of female workers at both the Skilled and Laborer level are needed.

Rebuilding Community Infrastructure (Rebuild)

Launched in 2017 by the City of Philadelphia, the Rebuild program is a \$500 million, seven-year initiative to revitalize the City’s parks, recreation centers, playgrounds, and libraries in the neighborhoods most in need of investment. The current Rebuild program workforce participation goal of 40 percent aligns with the recommendations in this report. The Rebuild program presents a unique opportunity for the City to encourage increased participation of minorities and women in the Skilled category to help achieve the stated goal of 40 percent and to accomplish the economic opportunity objective of promoting diversity and creating jobs. It will be essential that the City closely monitor this goal to ensure it is achieved successfully throughout the seven years of the program.

List of Abbreviations

ACS	American Community Survey
AIAN	American Indian and Alaska Native
DSBE(s)	Disabled Business Enterprise(s)
EEO	Equal Employment Opportunity
EOC	Economic Opportunity Cabinet
EOP	Economic Opportunity Plan
FY	Fiscal Year
M/W/DSBE(s)	Collective name for Minority, Women, and Disabled Business Enterprise(s)
MACCID	Mayor's Advisory Commission on Construction Industry Diversity
MBE(s)	Minority Business Enterprise(s)
MSA	Philadelphia Metropolitan Statistical Area
NS	Non-specified workers (defined as workers not identified as White, African-American, Hispanic, Asian, Native American, or Other in LCP Tracker)
OEO	Office of Economic Opportunity
PIDC	Philadelphia Industrial Development Corporation
WBE(s)	Women Business Enterprise(s)

APPENDIX

TABLE A.1 COUNT AND DISTRIBUTION OF HOURS, LABORER VS. SKILLED

	Total	Total - NS	African American	Hispanic	Asian	Native American	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS
All Hours	928,001	887,226	121,199	148,339	2,539	4,147	276,224	6,041	31.1%	0.7%
% of Total - NS		100.0%	13.7%	16.7%	0.3%	0.5%	31.1%	0.7%		
% of Total		95.6%	13.1%	16.0%	0.3%	0.4%	29.8%	0.7%		
Laborer Hours	320,637	313,093	68,712	92,218	1,486	2,247	164,662	2,191	52.6%	0.7%
% of Total - NS		100.0%	21.9%	29.5%	0.5%	0.7%	52.6%	0.7%		
% of Total		97.6%	21.4%	28.8%	0.5%	0.7%	51.4%	0.7%		
Skilled Hours	607,364	574,134	52,488	56,121	1,053	1,901	111,562	3,850	19.4%	0.7%
% of Total - NS		100.0%	9.1%	9.8%	0.2%	0.3%	19.4%	0.7%		
% of Total		94.5%	8.6%	9.2%	0.2%	0.3%	18.4%	0.6%		

Econsult Solutions (2018)

TABLE A.2 WATER DEPARTMENT - COUNT AND DISTRIBUTION OF HOURS, LABORER VERSUS SKILLED

	Total	Total - NS	African American	Hispanic	Asian	Native American	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS
Laborer Hours	225,800	223,026	51,242	79,883	1,430	1,707	134,262	2,136	60.2%	1.0%
% of Total – NS	NA	NA	23.0%	35.8%	0.6%	0.8%	60.2%	1.0%	NA	NA
Skilled Hours	266,274	260,537	27,447	37,184	266	84	64,981	2,169	24.9%	0.8%
% of Total – NS	NA	NA	10.5%	14.3%	0.1%	0.0%	24.9%	0.8%	NA	NA
All Hours	492,075	483,563	78,689	117,067	1,696	1,791	199,242	4,304	41.2%	0.9%
% of Total – NS	NA	NA	16.3%	24.2%	0.4%	0.4%	41.2%	0.9%	NA	NA

Econsult Solutions (2018)

TABLE A.3 AVIATION DIVISION - COUNT AND DISTRIBUTION OF HOURS, LABORER VERSUS SKILLED

	Total	Total - NS	African American	Hispanic	Asian	Native American	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS
Laborer Hours	66,469	63,273	9,574	8,665	0	0	18,238	8	28.8%	0.0%
% of Total – NS	NA	NA	15.1%	13.7%	0.0%	0.0%	28.8%	0.0%	NA	NA
Skilled Hours	239,428	220,254	11,459	6,929	554	1,745	20,686	975	9.4%	0.4%
% of Total – NS	NA	NA	5.2%	3.1%	0.3%	0.8%	9.4%	0.4%	NA	NA
All Hours	305,897	283,527	21,032	15,593	554	1,745	38,924	983	13.7%	0.3%
% of Total – NS	NA	NA	7.4%	5.5%	0.2%	0.6%	13.7%	0.3%	NA	NA

Econsult Solutions (2018)

TABLE A.4 STREETS DEPARTMENT - COUNT AND DISTRIBUTION OF HOURS, LABORER VERSUS SKILLED

	Total	Total - NS	African- American	Hispanic	Asian	Native American	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS
Laborer Hours	6,213	5,892	1,210	1,324	0	0	2,534	0	43.0%	0.0%
% of Total – NS	NA	NA	20.5%	22.5%	0.0%	0.0%	43.0%	0.0%	NA	NA
Skilled Hours	7,639	7,117	425	359	122	0	906	0	12.7%	0.0%
% of Total – NS	NA	NA	6.0%	5.0%	1.7%	0.0%	12.7%	0.0%	NA	NA
All Hours	13,851	13,008	1,634	1,683	122	0	3,439	0	26.4%	0.0%
% of Total – NS	NA	NA	12.6%	12.9%	0.9%	0.0%	26.4%	0.0%	NA	NA

Econsult Solutions (2018)

TABLE A.5 PUBLIC PROPERTY DEPARTMENT - COUNT AND DISTRIBUTION OF HOURS, LABORER VERSUS SKILLED

	Total	Total - NS	African American	Hispanic	Asian	Native American	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS
Laborer Hours	22,155	20,902	6,686	2,347	56	540	9,628	48	46.1%	0.2%
% of Total – NS	NA	NA	32.0%	11.2%	0.3%	2.6%	46.1%	0.2%	NA	NA
Skilled Hours	94,023	86,226	13,158	11,649	112	72	24,990	706	29.0%	0.8%
% of Total – NS	NA	NA	15.3%	13.5%	0.1%	0.1%	29.0%	0.8%	NA	NA
All Hours	116,177	107,129	19,844	13,995	168	612	34,619	754	32.3%	0.7%
% of Total – NS	NA	NA	18.5%	13.1%	0.2%	0.6%	32.3%	0.7%	NA	NA

Econsult Solutions (2018)

TABLE A.6 COUNT AND DISTRIBUTION OF HOURS BY SKILLED TRADE TYPE: TOP 10 TRADES BY HOURS

Skilled Hours	Total	Total - NS	% Journey of Total-NS	% Apprentice of Total-NS	% New Hire of Total-NS	African American	Hispanic	Asian	Native	All Minority	All Female
POWER EQUIPMENT OPERATOR	140,723	137,372	100%	0%	13%	9,373	18,076	260	0	27,709	749
CARPENTER	120,299	113,785	95%	5%	47%	12,585	13,704	112	0	26,400	333
ELECTRICIAN	88,824	71,684	89%	11%	26%	5,248	2,521	0	0	7,768	1,113
STEAM FITTER	56,650	56,267	100%	0%	62%	398	1,399	0	502	2,299	145
TRUCK DRIVER	42,128	42,128	100%	0%	4%	6,515	5,453	0	1,284	13,252	208
ROOFER	30,618	30,103	86%	14%	62%	4,386	6,116	0	0	10,501	16
IRONWORKER	26,774	26,745	96%	4%	53%	5,599	3,660	554	0	9,813	15
CEMENT MASON	25,563	23,606	99%	1%	20%	1,858	180	0	43	2,081	930
PLUMBER	12,487	12,487	86%	14%	16%	1,938	0	0	0	1,938	0
MILLWRIGHT	10,644	8,700	92%	8%	26%	76	0	0	0	76	0
Top 10 Total	554,709	522,875	NA	NA	NA	47,975	51,108	926	1,829	101,836	3,508
% of Total-NS	NA	100.0%	NA	NA	NA	9.18%	9.77%	0.18%	0.35%	19.48%	0.67%

Econsult Solutions (2018)

TABLE A.7 COUNT AND DISTRIBUTION OF HOURS BY SKILLED TRADE TYPE

Skilled Hours	Total	Total - NS	Total Journey - NS	% Journey of Total-NS	Total Apprentice - NS	% Apprentice of Total-NS	Total New Hire - NS	% New Hire of Total-NS	African American	Hispanic	Asian	Native American	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS	% of Total
POWER EQUIPMENT OPERATOR	140,723	137,372	137,291	100%	81	0%	18,044	13%	9,373	18,076	260	0	27,709	749	20%	1%	24%
CARPENTER	120,299	113,785	108,383	95%	5,403	5%	53,118	47%	12,585	13,704	112	0	26,400	333	23%	0%	20%
ELECTRICIAN	88,824	71,684	63,821	89%	7,863	11%	18,902	26%	5,248	2,521	0	0	7,768	1,113	11%	2%	12%
STEAM FITTER	56,650	56,267	56,127	100%	140	0%	34,784	62%	398	1,399	0	502	2,299	145	4%	0%	10%
TRUCK DRIVER	42,128	42,128	42,128	100%	0	0%	1,612	4%	6,515	5,453	0	1,284	13,252	208	31%	0%	7%
ROOFER	30,618	30,103	25,931	86%	4,171	14%	18,640	62%	4,386	6,116	0	0	10,501	16	35%	0%	5%
IRONWORKER	26,774	26,745	25,748	96%	997	4%	14,199	53%	5,599	3,660	554	0	9,813	15	37%	0%	5%
CEMENT MASON	25,563	23,606	23,444	99%	163	1%	4,609	20%	1,858	180	0	43	2,081	930	9%	4%	4%
PLUMBER	12,487	12,487	10,691	86%	1,797	14%	1,976	16%	1,938	0	0	0	1,938	0	16%	0%	2%
MILLWRIGHT	10,644	8,700	8,041	92%	659	8%	2,254	26%	76	0	0	0	76	0	1%	0%	2%
SHEET METAL WORKER	8,421	8,421	8,098	96%	322	4%	459	5%	126	16	16	0	158	0	2%	0%	1%
POINTER, CAULKER & CLEANER	8,037	8,037	6,980	87%	1,057	13%	1,226	15%	298	445	0	0	743	0	9%	0%	1%
BRICKLAYER	7,884	7,884	7,736	98%	148	2%	2,462	31%	577	392	112	0	1,081	0	14%	0%	1%
ASBESTOS WORKER	7,994	7,469	7,469	100%	0	0%	304	4%	1,501	2,708	0	0	4,209	232	56%	3%	1%
PILEDRIVERMAN	6,021	6,021	5,734	95%	287	5%	1,504	25%	423	607	0	0	1,030	0	17%	0%	1%
GLAZIER	3,073	3,073	2,416	79%	657	21%	72	2%	840	546	0	0	1,386	0	45%	0%	1%
LANDSCAPE LABORER	0	0	0		0		0		0	0	0	0	0	0			0%
PAINTER	2,057	1,879	1,879	100%	0	0%	488	26%	397	198	0	72	667	104	35%	6%	0%
DRYWALL FINISHER	1,739	1,739	1,739	100%	0	0%	0	0%	244	0	0	0	244	0	14%	0%	0%
LINE CONSTRUCTION	2,172	1,700	1,672	98%	29	2%	52	3%	108	50	0	0	158	0	9%	0%	0%
TILE FINISHER	1,385	1,385	1,385	100%	0	0%	0	0%	0	0	0	0	0	0	0%	0%	0%

Skilled Hours	Total	Total - NS	Total Journey - NS	% Journey of Total-NS	Total Apprentice - NS	% Apprentice of Total-NS	Total New Hire - NS	% New Hire of Total-NS	African American	Hispanic	Asian	Native American	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS	% of Total
TILE SETTER	1,080	1,080	1,080	100%	0	0%	0	0%	0	0	0	0	0	0	0%	0%	0%
SPRINKLER FITTER	842	842	842	100%	0	0%	28	3%	0	19	0	0	19	0	2%	0%	0%
APPRENTICE	502	502	0	0%	502	100%	0	0%	0	0	0	0	0	0	0%	0%	0%
STONE MASON	465	465	465	100%	0	0%	0	0%	0	0	0	0	0	0	0%	0%	0%
TERRAZZO MECHANIC	268	268	268	100%	0	0%	0	0%	0	32	0	0	32	0	12%	0%	0%
ELEVATOR MECHANIC	172	172	172	100%	0	0%	0	0%	0	0	0	0	0	0	0%	0%	0%
TERRAZZO FINISHER	120	120	120	100%	0	0%	0	0%	0	0	0	0	0	0	0%	0%	0%
PLASTERER	308	116	116	100%	0	0%	112	97%	0	0	0	0	0	0	0%	0%	0%
SOFT FLOOR LAYER (RESILIENT FLOOR)	88	88	88	100%	0	0%	0	0%	0	0	0	0	0	0	0%	0%	0%
LINEMAN	31	0	0		0		0		0	0	0	0	0	6			0%
Total	607,364	574,134	549,861		24,273		174,840		52,488	56,121	1,053	1,901	111,562	3,850			
% of Total - NS		100.0%		95.8%		4.2%		30.5%	9.1%	9.8%	0.2%	0.3%	19.4%	0.7%			100%

Econsult Solutions (2018)

TABLE A.8 COUNT AND DISTRIBUTION OF HOURS BY EMPLOYEE TYPE

All Hours	Total	Total - NS	African American	Hispanic	Asian	Native	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS	% of Total
Journey	900,734	862,583	114,623	146,836	2,539	4,105	268,102	5,129	31.1%	0.6%	97.2%
Apprentice	27,267	24,643	6,577	1,502	0	43	8,121	912	33.0%	3.7%	2.8%
Total	928,001	887,226	121,199	148,339	2,539	4,147	276,224	6,041	31.1%	0.7%	100.0%
% of Total - NS		100.0%	13.7%	16.7%	0.3%	0.5%	31.1%	0.7%			
New Hire	269,920	250,866	54,851	25,919	1,117	545	82,431	4,951	32.9%	2.0%	28.3%
Laborer Hours	Total	Total - NS	African American	Hispanic	Asian	Native	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS	% of Total
Journey	320,267	312,723	68,342	92,218	1,486	2,247	164,292	2,191	52.5%	0.7%	99.9%
Apprentice	370	370	370	0	0	0	370	0	100.0%	0.0%	0.1%
Total	320,637	313,093	68,712	92,218	1,486	2,247	164,662	2,191	52.6%	0.7%	100.0%
% of Total - NS		100.0%	21.9%	29.5%	0.5%	0.7%	52.6%	0.7%			
New Hire	81,619	76,026	27,659	15,114	507	0	43,280	1,645	56.9%	2.2%	24.3%
Skilled Hours	Total	Total - NS	African American	Hispanic	Asian	Native	All Minority	All Female	% Minority of Total-NS	% Female of Total-NS	% of Total
Journey	580,467	549,861	46,281	54,618	1,053	1,858	103,810	2,938	18.9%	0.5%	95.8%
Apprentice	26,897	24,273	6,207	1,503	0	43	7,752	912	31.9%	3.8%	4.2%
Total	607,364	574,134	52,488	56,121	1,053	1,901	111,562	3,850	19.4%	0.7%	100.0%
% of Total - NS		100.0%	9.1%	9.8%	0.2%	0.3%	19.4%	0.7%			
New Hire	188,301	174,840	27,192	10,806	610	545	39,152	3,307	22.4%	1.9%	30.5%

Econsult Solutions (2018)

TABLE A.9 SUMMARY OF PROJECT PERFORMANCE VS. GOAL BY PROJECT

	Met Minority Goal	All Contracts (only those with specified hours)	% Met Minority Goals	Met Female Goals	All Contracts	% Met Female Goals
All Hours	145	539	26.9%	13	539	2.4%
Laborer Hours	145	308	47.1%	3	308	1.0%
Skilled Hours	76	467	16.3%	11	467	2.4%

Econsult Solutions (2018)

TABLE A.10 SUMMARY OF TOP FIVE PROJECTS BY MINORITY HOURS

Project Description	Contractor	Total	Total-NS	African American	Hispanic	Asian	Native American	All Minority	Total Female
East Park Reservoir @ 33rd & Diamond	Natgun Corporation Subsidiary of DN Tanks	38,666	35,997	9,275	14,648	0	0	23,923	1,172
4601 Market	D.A. Nolt Inc.	21,591	21,591	5,484	5,276	0	0	10,760	0
Belmont Raw Water Basin	JPC Group Inc.	25,040	25,040	9,024	1,541	0	0	10,565	370
Relay of Water Mains @ Broad St (East Side)	JPC Group Inc.	11,591	11,591	1,247	8,098	17	0	9,385	0
Reconstruction of Sewers & Relays @ S. 61st	Petrongolo Contractors Inc.	9,419	9,419	3,132	4,674	0	161	7,967	0
Top 5 Total		106,306	103,637	28,162	34,236	17	161	62,599	1,542

Econsult Solutions (2018)

TABLE A.11 SUMMARY OF TOP FIVE PROJECTS BY PERCENTAGES

Project Description	Contractor	% African American of All Minority	% Hispanic of All Minority	% Asian of All Minority	% Native American of All Minority	% Minority Laborer of All Minority	% Minority Skilled of All Minority	% Minority of Total-NS	% Female of Total-NS
East Park Reservoir @ 33rd & Diamond	Natgun Corporation Subsidiary of DN Tanks	38.8%	40.7%	0.0%	0.0%	35.4%	64.6%	66.5%	3.3%
4601 Market	D.A. Nolt Inc.	51.0%	24.4%	0.0%	0.0%	15.6%	84.4%	49.8%	0.0%
Belmont Raw Water Basin	JPC Group Inc.	85.4%	6.2%	0.0%	0.0%	69.6%	30.4%	42.2%	1.5%
Relay of Water Mains @ Broad St (East Side)	JPC Group Inc.	13.3%	69.9%	0.1%	0.0%	64.9%	35.1%	81.0%	0.0%
Reconstruction of Sewers & Relays @ S. 61st	Petrongolo Contractors Inc.	39.3%	49.6%	0.0%	0.7%	92.6%	7.4%	84.6%	0.0%

Econsult Solutions (2018)

TABLE A.12 COUNT AND DISTRIBUTION OF HOURS BY PROJECT

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
3805 Historic Street Reconstruction & Sewer Restoration 300 American Street	Petrongolo Contractors Inc.	1,553.50	1,553.50	0	851.5	0	0	0	851.50	0	54.8%	1	0.0%	0	0
3815/Citywide Stairway Rehab Package -1	JPC Group Inc.	509.50	509.50	59.5	87	0	0	0	146.50	0	28.8%	0	0.0%	0	0
3815/Citywide Stairway Rehab Package -1	Olivieri & Assoc, Inc	92.50	-	0	0	0	0	0	-	0					92.5
3820 2016-2017 Bituminous Tack Coat (Citywide)	Asphalt Paving Systems, Inc.	249.00	249.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
3820 2016-2017 Bituminous Tack Coat (Citywide)	James J. Anderson Construction Co, Inc.	161.00	161.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
3820 2016-2017 Bituminous Tack Coat (Citywide)	SJA Construction, Inc	109.75	109.75	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	D.A. Nolt Inc.	21,591.00	21,591.00	5484.25	5275.5	0	0	0	10,759.75	0	49.8%	1	0.0%	0	0
4601 Market	Masonry Preservation Group, Inc.	10,116.50	10,116.50	2216	400	0	0	0	2,616.00	0	25.9%	0	0.0%	0	0
4601 Market	Graboyes Commercial Window Co.	5,113.00	5,113.00	1173	546	0	0	0	1,719.00	333	33.6%	1	6.5%	0	0
4601 Market	Umoja Erectors LLC	4,987.00	4,987.00	3975	0	0	0	0	3,975.00	0	79.7%	1	0.0%	0	0
4601 Market	R.P Concrete Inc,	2,812.50	2,812.50	406.5	0	0	0	0	406.50	0	14.5%	0	0.0%	0	0
4601 Market	Delaware Valley Crane Rental, Inc.	906.00	906.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
4601 Market	Northeast Mast Climbers	688.00	688.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	Metal Alliance, Inc.	527.00	527.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	Superior Scaffold Services Inc	416.00	416.00	176	80	0	0	0	256.00	0	61.5%	1	0.0%	0	0
4601 Market	The Gilders Studio, Inc.	240.00	240.00	0	152	0	0	0	152.00	88	63.3%	1	36.7%	1	0
4601 Market	Eagle I Electric, Inc	48.00	48.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (Elec)	Lex Electric Co. Inc.	801.00	801.00	56	40	0	0	0	96.00	0	12.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	D'Andrea Brothers Concrete Co, Inc.	4,375.00	4,375.00	1018	16.5	0	0	0	1,034.50	0	23.6%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	A.P. Construction, Inc.	4,329.50	4,282.00	884.5	101	0	23.5	47.5	1,009.00	0	23.6%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	BillyBoy Contracting LLC	1,197.50	1,197.50	799	398.5	0	0	0	1,197.50	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Bayshore Rebar, Inc.	1,190.50	1,190.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	XLE Metals, Corp.	378.00	378.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Allied Environmental	906.00	151.00	0	92.75	0	0	0	92.75	0	61.4%	1	0.0%	0	755
61st Sewer Maintenance Facility (GCON)	Ninsa, LLC	50.00	50.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Athena Contracting Inc	46.00	46.00	0	38	0	0	0	38.00	0	82.6%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Ram-T Corporation	43.44	43.44	0	43.44	0	0	0	43.44	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Sable Construction	40.00	40.00	40	0	0	0	0	40.00	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	DM Sabia & Co., Inc.	35.50	35.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
61st Sewer Maintenance Facility (GCON)	EDA Contractors, Inc.	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (HVAC)	Precision Air Designs, Inc.	27.25	27.25	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (PLUMB)	Dolan Mechanical, Inc	638.50	638.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Access Control System (ACS) Upgrade Phase 3	E.J. Electric, Inc.	4,905.50	4,905.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Access Control System Upgrade Phase 2	Armour & Sons Electric, Inc.	46.00	46.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Access Control System Upgrade Phase 1	E.J. Electric, Inc.	28.00	28.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Ammonia System Improvements @ Baxter WTP	Miniscalco Construction, LLC	294.00	294.00	0	27.5	0	0	0	27.50	0	9.4%	0	0.0%	0	0
Animal Care Improvements	Pannulla Construction Co., Inc.	1,184.00	920.00	0	256	0	120	0	376.00	0	40.9%	1	0.0%	0	264
Animal Care Improvements	Eagle I Electric, Inc	481.00	481.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Building Control Systems & Services, Inc.	331.00	331.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Radius Systems LLC	121.00	121.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Healy Long & Jevin, Inc	120.00	120.00	32	0	0	0	0	32.00	0	26.7%	0	0.0%	0	0
Animal Care Improvements	Herman Goldner Co. Inc,	120.00	120.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	The Genesio Company	116.00	116.00	48	0	0	0	0	48.00	0	41.4%	1	0.0%	0	0
Animal Care Improvements	Delta/BJDS	128.00	72.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	56
Animal Care Improvements	Meco Construction, Inc.	48.00	48.00	0	16	0	0	0	16.00	0	33.3%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Animal Care Improvements	Gracie Painting LLC	40.00	40.00	0	0	0	40	0	40.00	0	100.0%	1	0.0%	0	0
Asbestos, Lead, and Mold Requirements	Associated Specialty Contracting Inc	4,760.00	4,760.00	1341	2688	0	0	0	4,029.00	232	84.6%	1	4.9%	0	0
Barry Playground Mechanical	Pannulla Construction Co., Inc.	328.00	212.00	0	32	0	32	0	64.00	0	30.2%	0	0.0%	0	116
Barry Playground Mechanical	Dominic Garofolo Mechanical, Inc.	61.00	61.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Barry Playground Mechanical	Gracie Painting LLC	48.00	48.00	16	0	0	32	0	48.00	16	100.0%	1	33.3%	1	0
Barry Playground Mechanical	Allstates Mechanical, LTD	40.50	40.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Barry Playground Mechanical	Mulhern Electric Co, Inc	12.00	12.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Barry Playground Mechanical	Butler Balancing Co., Inc.	9.50	9.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Belmont Raw Water Basin	JPC Group Inc.	25,040.00	25,040.00	9024	1541	0	0	0	10,565.00	370	42.2%	1	1.5%	0	0
Belmont Raw Water Basin	Atlantic Lining Co. Inc.	1,774.00	1,464.00	0	0	1430	0	310	1,430.00	473	97.7%	1	32.3%	1	0
Belmont Raw Water Basin	Quincy Contractors Inc.	216.00	216.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Belmont Raw Water Basin	Waterware Corporation	18.00	18.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Belmont Raw Water Basin	Olivieri & Assoc, Inc	770.50	-	0	0	0	0	0	-	0					770.5
Ben Franklin Parkway Streetscape	Tony DePaul & Son	4,309.25	4,309.25	1005.25	414.75	0	0	0	1,420.00	39.5	33.0%	1	0.9%	0	0
Ben Franklin Parkway Streetscape	Bustleton Services, Inc.	759.75	759.75	95	552	0	0	0	647.00	0	85.2%	1	0.0%	0	0
Ben Franklin Parkway Streetscape	Tough Turf, LLC	502.00	502.00	36	0	0	36	0	72.00	0	14.3%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Ben Franklin Parkway Streetscape	Carr & Duff, Inc	234.00	49.00	0	49	0	0	0	49.00	6	100.0%	1	12.2%	1	185
Cargo City Landside Pavement Management Program Phase 2	Tony DePaul & Son	1,579.25	1,579.25	411	279.5	0	0	0	690.50	8	43.7%	1	0.5%	0	0
Cargo City Landside Pavement Management Program-Phase-1	Tony DePaul & Son	78.50	75.50	4.5	0	0	0	0	4.50	0	6.0%	0	0.0%	0	3
City Hall - Rm 111	Milestone Construction Management, Inc.	240.50	240.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
City Hall - Rm 111	Gambone General Construction	13.00	13.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
City Hall Council Chambers Ceiling	Materials Conservation Collaborative, LLC	52.00	52.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Electrical Requirements	Mulhern Electric Co, Inc	23.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	7
Citywide Library, Health Services	Palman Electric, Inc.	443.00	443.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Library, Health Services	General Asphalt Paving Co. of Phila	134.00	134.00	0	32	0	0	0	32.00	0	23.9%	0	0.0%	0	0
Citywide Requirement Site improvements	Donato Spaventa & Sons Inc.	3,485.00	3,485.00	1486	732.5	0	0	0	2,218.50	0	63.7%	1	0.0%	0	0
Citywide Requirement Site improvements	Robert Ganter Contractors Inc	885.00	783.00	114	0	0	0	0	114.00	0	14.6%	0	0.0%	0	102
Citywide Requirement Site improvements	John McPhillips and Sons	207.25	207.25	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Safety Turf Inc.	197.00	197.00	52	0	0	0	0	52.00	0	26.4%	0	0.0%	0	0
Citywide Requirement Site improvements	Hyde Electric Corporation	186.00	186.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Citywide Requirement Site improvements	Altino Concrete Construction, LLC	282.74	181.18	0	0	0.00E+00	0	0	-	0	0.0%	0	0.0%	0	101.56
Citywide Requirement Site improvements	Joe Fisher & Sons Roofing	152.00	152.00	0	16	0	0	0	16.00	0	10.5%	0	0.0%	0	0
Citywide Requirement Site improvements	Townscapes, Inc.	120.00	120.00	0	45	0	0	0	45.00	0	37.5%	1	0.0%	0	0
Citywide Requirement Site improvements	DeSilvio & Co, Inc.	93.00	93.00	8	42	0	0	0	50.00	15	53.8%	1	16.1%	1	0
Citywide Requirement Site improvements	Pro Max Fence Systems, Inc.	42.00	21.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	21
Citywide Requirement Site improvements	Nova Crete, Inc.	30.00	18.00	0	12	0	0	0	12.00	0	66.7%	1	0.0%	0	12
Citywide Requirement Site improvements	Metal Alliance, Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Traffic & Safety Signs Inc.	6.00	6.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Tamco Construction	327.00	-	0	0	0	0	178.5	-	0					148.5
Citywide Site Improvements	Building Restoration Inc.	1,214.50	1,214.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Site Improvements	Nickles Contracting, Inc.	4.50	4.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Electrical	E.J. Electric, Inc.	3,655.00	3,655.00	16	0	0	0	0	16.00	0	0.4%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Dolan Mechanical, Inc	4,497.00	4,497.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Marlyn Sheet Metal, Inc	1,807.50	1,807.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	General Controls Inc.	854.00	854.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Concourse B HVAC Renovation & Replacement - Mechanical	Brass Roots Insulation	1,184.00	752.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	432
Concourse B HVAC Renovation & Replacement - Mechanical	Jack Pears & Associates, LLC	268.00	268.00	260	0	0	0	0	260.00	0	97.0%	1	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Robert Ganter Contractors Inc	144.00	112.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	32
Concourse B HVAC Renovation & Replacement - Mechanical	Aella Industries	77.00	77.00	52	0	0	0	0	52.00	0	67.5%	1	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Siemens Industry	239.00	-	0	0	0	0	0	-	0					239
Concourses C & D HVAC Renovation and Replacement	Wescott Electric Company	3,267.00	490.50	0	485.5	0	0	0	485.50	0	99.0%	1	0.0%	0	2776.5
Concourses C & D HVAC Renovation and Replacement Mechanical	Edward J. Meloney Inc.	4,249.50	4,249.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Precision Air Designs, Inc.	1,848.50	1,848.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Midatlantic Construction & Design dba Midatlantic Insulation	1,193.00	1,193.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	CM3 Building Solutions Inc.	286.00	286.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Sioutis Coating Enterprise, Inc.	80.00	80.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Concourses C & D HVAC Renovation and Replacement Mechanical	J.Mann-R. Finley, Inc	75.00	75.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Criniti Construction	48.00	48.00	16	0	0	0	0	16.00	0	33.3%	1	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Clearwater Concrete & Masonry, Inc	52.50	36.00	0	0	0	0	8	-	0	0.0%	0	0.0%	0	8.5
Conestoga Playground Electrical	Hyde Electric Corporation	120.00	120.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Conestoga Playground G-Con	Pannulla Construction Co., Inc.	800.00	616.00	0	184	0	80	0	264.00	0	42.9%	1	0.0%	0	184
Conestoga Playground Mechanical	John J. Bee, Inc.	40.00	40.00	40	0	0	0	0	40.00	0	100.0%	1	0.0%	0	0
Conestoga Playground Plumbing	John J. Bee, Inc.	50.00	50.00	40	0	0	0	0	40.00	0	80.0%	1	0.0%	0	0
Construction for the Clearwell Basin @ Baxter WTP (Elec)	Carr & Duff, Inc	69.00	-	0	0	0	0	0	-	0					69
Construction for the Clearwell Basin @ Baxter WTP (GCON)	JPC Group Inc.	3,390.50	3,390.50	116	219	57.5	0	0	392.50	0	11.6%	0	0.0%	0	0
Construction of Green Infrastructure @ Haverford Triangle	Petrongolo Contractors Inc.	662.00	662.00	8	225	0	141	0	374.00	0	56.5%	1	0.0%	0	0
Conveyance & Flow Control for Clearwell Basin Replacement @ Baxter WTP	JPC Group Inc.	612.00	612.00	0	16	0	0	0	16.00	0	2.6%	0	0.0%	0	0
Conveyance & Flow Control for Clearwell Basin Replacement @ Baxter WTP	Gessler Construction Co Inc.	72.00	72.00	4	4	0	0	0	8.00	0	11.1%	0	0.0%	0	0
Deicing Apron Pkg. 1	D'Angelo Bros. Co. Inc.	15,116.00	15,116.00	2357	3996	0	0	0	6,353.00	314.5	42.0%	1	2.1%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Deicing Apron Pkg. 1	Surety Mechanical Services, Inc.	4,912.50	4,912.50	548.5	0	0	0	0	548.50	0	11.2%	0	0.0%	0	0
Deicing Apron Pkg. 1	The Espinosa Group Inc.	11,601.00	4,866.50	2018.5	34	0	0	0	2,052.50	0	42.2%	1	0.0%	0	6734.5
Deicing Apron Pkg. 1	Eagle I Electric, Inc.	4,425.00	4,358.00	349	256	0	0	0	605.00	42	13.9%	0	1.0%	0	67
Deicing Apron Pkg. 1	Torrado Construction	1,770.00	1,675.00	41	339	0	0	0	380.00	0	22.7%	0	0.0%	0	95
Deicing Apron Pkg. 1	Terry Foundation, Inc.	1,342.50	1,342.50	288.5	0	0	0	0	288.50	0	21.5%	0	0.0%	0	0
Deicing Apron Pkg. 1	Giles Cannon	1,322.50	1,322.50	133.5	16	0	0	0	149.50	0	11.3%	0	0.0%	0	0
Deicing Apron Pkg. 1	C.A.D. Electric, Inc.	1,024.00	1,024.00	9	0	0	0	0	9.00	0	0.9%	0	0.0%	0	0
Deicing Apron Pkg. 1	Sons of Steel LLC	928.00	912.00	0	32	554	0	0	586.00	0	64.3%	1	0.0%	0	16
Deicing Apron Pkg. 1	D.J. Keating Company	612.00	612.00	344	0	0	0	0	344.00	0	56.2%	1	0.0%	0	0
Deicing Apron Pkg. 1	Tri-State Construction Inc.	464.00	464.00	16	24	0	0	0	40.00	0	8.6%	0	0.0%	0	0
Deicing Apron Pkg. 1	Global Aviation Services LLC	305.25	305.25	76	0	0	0	0	76.00	0	24.9%	0	0.0%	0	0
Deicing Apron Pkg. 1	Pioneer Contracting, Inc.	293.00	293.00	0	45	0	0	0	45.00	0	15.4%	0	0.0%	0	0
Deicing Apron Pkg. 1	Delta/BJDS	273.00	273.00	0	224	0	0	0	224.00	0	82.1%	1	0.0%	0	0
Deicing Apron Pkg. 1	MTHT LLC	272.00	272.00	0	32	0	0	0	32.00	0	11.8%	0	0.0%	0	0
Deicing Apron Pkg. 1	Mattiola Services, LLC	200.50	200.50	0	87	0	0	0	87.00	0	43.4%	1	0.0%	0	0
Deicing Apron Pkg. 1	Northeast Fence & Iron Works, Inc.	100.50	100.50	0	20	0	0	0	20.00	0	19.9%	0	0.0%	0	0
Deicing Apron Pkg. 1	Zone Striping Inc.	98.50	98.50	0	7.5	0	0	0	7.50	0	7.6%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Deicing Apron Pkg. 1	Kobithen Roofing & Insulation Inc.	92.00	92.00	48	0	0	0	0	48.00	0	52.2%	1	0.0%	0	0
Deicing Apron Pkg. 1	Antigo Construction Inc.	71.50	71.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Deicing Apron Pkg. 1	Preferred Fire Protection Inc.	37.00	37.00	0	17	0	0	0	17.00	0	45.9%	1	0.0%	0	0
Deicing Apron Pkg. 1	Intelligent Signage Midlantic Inc. dba ISign	7.00	7.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Demolition of the Damaged Garage @ 49th St Sewer Maintenance	Paramount Electrical Services LLC	208.00	208.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Fairmount Park	JPC Group Inc.	3,314.00	3,314.00	108	273.5	0	0	0	381.50	8	11.5%	0	0.2%	0	0
East Fairmount Park	Aviman Management, LLC	502.00	502.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Fairmount Park	Bustleton Services, Inc.	115.00	115.00	0	8	0	0	0	8.00	0	7.0%	0	0.0%	0	0
East Fairmount Park	Nico Landscaping	111.75	111.75	7	56.25	0	0	0	63.25	0	56.6%	1	0.0%	0	0
East Fairmount Park	Gessler Construction Co Inc.	10.00	10.00	2.5	2.5	0	0	0	5.00	0	50.0%	1	0.0%	0	0
East Park Canoe House (Electrical)	Coles Mill Construction Co., Inc.	6,034.00	1,833.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	4201
East Park Canoe House (Electrical)	Murphy Quigley Company, Inc.	741.00	741.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Canoe House (Electrical)	Mulhern Electric Co, Inc.	370.00	109.00	0	8	0	0	0	8.00	0	7.3%	0	0.0%	0	261
East Park Canoe House (Electrical)	B&B Lightning Protection	27.50	27.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Canoe House (Plumbing)	Dolan Mechanical, Inc.	183.00	183.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
East Park Reservoir @ 33rd & Diamond	Natgun Corporation Subsidiary of DN Tanks	38,665.50	35,997.00	9275	14648	0	0	49	23,923.00	1171.5	66.5%	1	3.3%	0	2619.5
East Park Reservoir @ 33rd & Diamond	Marona Construction Company	16,261.50	16,261.50	6962.5	120.5	0	0	0	7,083.00	0	43.6%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	LB Construction Enterprises, Inc.	7,573.00	7,573.00	863	3236	0	0	0	4,099.00	0	54.1%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	JPC Group Inc.	7,413.50	7,413.50	842	34	64	0	0	940.00	0	12.7%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	D.J. Keating Company	5,460.50	5,460.50	2102	0	0	0	0	2,102.00	903.5	38.5%	1	16.5%	1	0
East Park Reservoir @ 33rd & Diamond	Maxim Crane	3,595.50	3,587.50	942.5	305	0	0	8	1,247.50	0	34.8%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	B. Pietrini & Sons	2,105.50	2,105.50	588.5	9	0	0	0	597.50	17	28.4%	0	0.8%	0	0
East Park Reservoir @ 33rd & Diamond	Connelly Construction Corp.	1,109.00	1,109.00	64	0	0	0	0	64.00	0	5.8%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Northeast Fence & Iron Works, Inc.	666.50	666.50	0	96	0	0	0	96.00	0	14.4%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Tierra Construction Services LLC	394.50	394.50	394.5	0	0	0	0	394.50	0	100.0%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Towne & Country Roofing and Siding	385.00	385.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Buttonwood Company Inc.	100.00	100.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Tristate Erosion Control, Inc.	112.00	80.00	0	32	0	16	32	48.00	0	60.0%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	PBA Construction, Inc.	76.00	76.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
East Park Reservoir @ 33rd & Diamond	Eagle I Electric, Inc.	70.00	70.00	8	16	0	0	0	24.00	0	34.3%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Winderco, Inc.	64.00	64.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Nico Landscaping	44.00	44.00	2.5	31.25	0	0	0	33.75	0	76.7%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Reilly Sweeping Inc.	16.25	16.25	2.25	2	0	0	0	4.25	0	26.2%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Chesco Coring & Cutting, Inc.	13.25	13.25	0	8.5	0	0	0	8.50	0	64.2%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (Elec)	Eagle I Electric, Inc.	2,907.00	2,907.00	496	151	0	0	0	647.00	198	22.3%	0	6.8%	0	0
East Park Reservoir @ 33rd & Diamond (Elec)	Bencardino Excavating, Inc.	552.00	552.00	0	32	0	0	0	32.00	0	5.8%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (Elec)	MJK Electrical Corporation	322.00	322.00	322	0	0	0	0	322.00	0	100.0%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (HVAC)	Cromedy Construction Corporation	211.50	211.50	26	0	16	0	0	42.00	0	19.9%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (Plum)	Kaser Mechanical, LLC	181.00	181.00	69	0	0	0	0	69.00	0	38.1%	1	0.0%	0	0
Electrical Substation Upgrade at Northeast Airport	Philips Brothers Electrical Contractors Inc.	1,175.00	1,175.00	0	10	0	0	0	10.00	0	0.9%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Philips Brothers Electrical Contractors Inc.	4,254.00	4,254.00	0	444	0	0	0	444.00	0	10.4%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	McCarthy Masonry	503.50	503.50	0	8	0	0	0	8.00	0	1.6%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Holder Inc. t/a Donavan Electric	40.00	40.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Minahan Construction, Inc.	27.50	27.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Emergency Generators(G1, G2,FLV3)Rehabilitation and Electrical Upgrades	Philips Brothers Electrical Contractors Inc.	109.00	109.00	0	16	0	0	0	16.00	0	14.7%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Meccon Industries, Inc.	33,151.50	33,151.50	398	1367	0	502	0	2,267.00	145	6.8%	0	0.4%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	A.P. Construction, Inc.	28,880.00	28,880.00	1931.5	0	0	1242.5	0	3,174.00	0	11.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Cocco Contracting Corp.	5,072.50	5,072.50	237.5	0	0	0	0	237.50	0	4.7%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Cruz Contractors LLC	4,465.50	4,465.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	L Cruz Development, LLC	1,472.00	1,472.00	0	1472	0	0	0	1,472.00	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	AmeriDrill, Inc.	767.75	767.75	5	0	0	0	0	5.00	0	0.7%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	BillyBoy Contracting LLC	614.50	614.50	614.5	0	0	0	0	614.50	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Carr & Duff, Inc.	6,092.00	186.00	0	0	0	0	0	-	266	0.0%	0	143.0%	1	5906

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Ram-T Corporation	158.20	158.20	0	158.2	0	0	0	158.20	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Ram-T West Corporation	58.92	58.92	0	58.92	0	0	0	58.92	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Allstate Power Vac	56.00	56.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Zone Striping Inc.	20.00	20.00	3.5	0	0	0	0	3.50	0	17.5%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	James J. Anderson Construction Co, Inc.	34,193.25	32,929.25	3259.5	2758	0	0	0	6,017.50	207.75	18.3%	0	0.6%	0	1264
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Ground Penetration & Restoration, Inc.	11,805.50	11,805.50	0	415	0	0	0	415.00	0	3.5%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Palman Electric, Inc.	9,355.50	9,355.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	BillyBoy Contracting LLC	1,838.00	1,838.00	1838	0	0	0	0	1,838.00	0	100.0%	1	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	AHJ Construction, LLC	1,332.30	1,332.30	764.8	0	0	0	0	764.80	0	57.4%	1	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	L & R Construction Co., Inc.	624.00	624.00	24	0	0	0	0	24.00	0	3.8%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Extech Coring & Sawing	488.00	488.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	AmeriDrill, Inc.	429.00	429.00	72.5	0	0	0	0	72.50	0	16.9%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Ram-T West Corporation	232.53	232.53	0	232.53	0	0	0	232.53	0	100.0%	1	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Zone Striping Inc.	175.50	175.50	21.5	0	0	0	0	21.50	0	12.3%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	General Sewer Service Inc.	170.00	170.00	10	0	0	0	0	10.00	0	5.9%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Terry Foundation, Inc.	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Atlantic Concrete Cutting, Inc.	49.00	49.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	ABC Construction Co., Inc.	42.00	42.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Mattiola Services, LLC	15.00	15.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Platinum Scaffolding Services, Inc.	3,568.00	3,568.00	0	0	111.5	0	0	111.50	0	3.1%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Ross-Araco Co	1,242.00	1,242.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	JPC Group Inc.	811.00	811.00	194.5	9	0	0	0	203.50	0	25.1%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Torrado Construction	24.00	24.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Fire Alarm and Egress Lighting at Firehouses	Hyde Electric Corporation	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Frankford Creek Greenway	James J. Anderson Construction Co, Inc.	319.50	292.50	0	115.5	0	0	0	115.50	0	39.5%	1	0.0%	0	27
Frankford Creek Greenway	Zone Striping Inc.	9.00	9.00	3	0	0	0	0	3.00	0	33.3%	1	0.0%	0	0
Frankford Creek Greenway	Atlas Flasher & supply Co Inc.	3.50	3.50	1.75	1.75	0	0	0	3.50	0	100.0%	1	0.0%	0	0
Gate VO1 Upgrades	Carr & Duff, Inc.	16.00	-	0	0	0	0	0	-	0					16
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	A.P. Construction, Inc.	3,561.00	3,561.00	72	569	0	0	0	641.00	0	18.0%	0	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	Athena Contracting Inc.	2,220.50	2,220.50	8	288	0	0	0	296.00	0	13.3%	0	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	BillyBoy Contracting LLC	873.00	873.00	873	0	0	0	0	873.00	0	100.0%	1	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	Zavorski Masonary Restoration Inc.	52.00	52.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ 29th St	Donato Spaventa & Sons Inc.	2,393.50	2,393.50	1371.5	426.5	0	0	0	1,798.00	0	75.1%	1	0.0%	0	0
Green Infrastructure @ 29th St	Nova Crete, Inc.	208.00	164.00	0	112	0	0	0	112.00	0	68.3%	1	0.0%	0	44
Green Infrastructure @ 29th St	Nico Landscaping	115.00	115.00	61	37.75	0	0	0	98.75	0	85.9%	1	0.0%	0	0
Green Infrastructure @ 29th St	Roberson Construction, INC.	58.00	58.00	58	0	0	0	0	58.00	0	100.0%	1	0.0%	0	0
Green Infrastructure @ Barringer St	Petrongolo Contractors Inc.	3,621.00	3,621.00	607.5	603	0	0	0	1,210.50	0	33.4%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Green Infrastructure @ Barringer St	Gessler Construction Co Inc.	14.00	14.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Seravalli, Inc.	3,387.50	3,387.50	21	893	0	0	0	914.00	0	27.0%	0	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Aviman Management, LLC	304.00	304.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Nico Landscaping	136.00	136.00	45.75	67.25	0	0	0	113.00	0	83.1%	1	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Gessler Construction Co Inc.	52.00	52.00	0	8	0	0	0	8.00	0	15.4%	0	0.0%	0	0
Green Infrastructure @ Hagert Playground	Petrongolo Contractors Inc.	1,127.50	1,127.50	0	662.5	0	32	0	694.50	0	61.6%	1	0.0%	0	0
Green Infrastructure @ Hagert Playground	Gessler Construction Co Inc.	5.00	5.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Harrowgate Park	Nico Landscaping	57.50	57.50	0	41.25	0	0	0	41.25	0	71.7%	1	0.0%	0	0
Green Infrastructure @ Lowber Ave	Petrongolo Contractors Inc.	6,845.00	6,845.00	0	3016.5	0	954	0	3,970.50	0	58.0%	1	0.0%	0	0
Green Infrastructure @ Lowber Ave	Gessler Construction Co Inc.	20.00	20.00	0	4	0	0	0	4.00	0	20.0%	0	0.0%	0	0
Green Infrastructure @ Ontario St	Petrongolo Contractors Inc.	8,078.00	8,078.00	2808	1325.5	0	142.5	0	4,276.00	0	52.9%	1	0.0%	0	0
Green Infrastructure @ Ontario St	Gessler Construction Co Inc.	25.00	25.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Seybert St	Donato Spaventa & Sons Inc.	197.00	197.00	31	0	0	0	0	31.00	0	15.7%	0	0.0%	0	0
Green Infrastructure @ Seybert St	Townscapes, Inc.	148.00	148.00	0	70	0	0	0	70.00	0	47.3%	1	0.0%	0	0
Green Infrastructure @ Seybert St	Carr & Duff, Inc.	107.00	25.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	82

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Green Infrastructure @ Seybert St	Nova Crete, Inc.	32.00	-	0	0	0	0	0	-	0					32
Green Infrastructure @ W. Colonial St	Petrongolo Contractors Inc.	2,599.50	2,599.50	0	1287	0	204	0	1,491.00	0	57.4%	1	0.0%	0	0
Green Infrastructure @ Westmoreland	Tony DePaul & Son	500.25	500.25	112	35.75	0	0	0	147.75	0	29.5%	0	0.0%	0	0
Green Infrastructure @ Westmoreland	Tierra Construction Services LLC	64.00	56.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	8
Green Infrastructure @ Wolf St	Carusone Construction Inc.	2,655.50	2,655.50	0	1172.5	0	0	0	1,172.50	0	44.2%	1	0.0%	0	0
Green Infrastructure @ Wolf St	Gessler Construction Co Inc.	52.00	52.00	2	4	0	0	0	6.00	0	11.5%	0	0.0%	0	0
Green Stormwater Infrastructure (Service Contract)	Townscapes, Inc.	113.00	113.00	0	49	0	0	0	49.00	0	43.4%	1	0.0%	0	0
Health Care Center #10	Murphy Quigley Company, Inc.	1,236.00	1,236.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Hyde Electric Corporation	476.00	476.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Criniti Construction	128.00	128.00	32	0	0	0	0	32.00	0	25.0%	0	0.0%	0	0
Health Care Center #10	Clearwater Concrete & Masonry, Inc.	80.00	64.00	4	0	0	0	16	4.00	0	6.3%	0	0.0%	0	0
Health Care Center #10	Liberty Roofing	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Aerdux Inc.	5.50	5.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Center #5	Pullman SST, Inc.	981.00	981.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Center #5	Mayfield Site Contractors, Inc.	504.00	504.00	146	0	0	0	0	146.00	0	29.0%	0	0.0%	0	0
Health Center #5	Olivieri & Associates, T&G Joint Venture	44.00	44.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Health Center #5 Roof Replacement	McMullen Roofing, Inc.	48.00	48.00	0	16	0	0	0	16.00	0	33.3%	1	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	Robert Ganter Contractors Inc.	194.00	150.00	116	26	0	0	0	142.00	16	94.7%	1	10.7%	1	44
Holmesburg Prison Warehouse Roof Replacement	Bradley-Sciocchetti, Inc.	70.00	70.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	Dolan Mechanical, Inc.	48.00	48.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	AAA Sheet Metal, Inc.	41.00	41.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	Sioutis Coating Enterprise, Inc.	43.61	21.50	0	0	0	0	22.11	-	0	0.0%	0	0.0%	0	0
Holmesburg Warehouse	Affordable Fire Protection, Inc.	232.00	232.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Warehouse	Fidelity Burglar & Fire Alarm Co.	115.70	115.70	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
HVAC System Upgrade @ Queen Lane WTP	Devine Brothers, Inc.	105.00	105.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
HVAC System Upgrade @ Queen Lane WTP	McGoldrick Electric, INC	182.00	-	0	0	0	0	0	-	0					182
Improvements at Engines 8,10,18,19,25	Eagle I Electric, Inc.	4,041.00	2,900.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	1141
Improvements at Engines 8,10,18,19,25	Jlynn, LLC	1,271.50	1,231.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	40
Improvements at Engines 8,10,18,19,25	JPC Group Inc.	697.00	697.00	0	32	0	0	0	32.00	0	4.6%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	In a Flash Plumbing & Heating Inc.	591.50	591.50	0	141	0	0	0	141.00	0	23.8%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	L Cruz Development, LLC	272.00	272.00	0	272	0	0	0	272.00	0	100.0%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Improvements at Engines 8,10,18,19,25	MJK Electrical Corporation	215.00	215.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	R & R Ceilings, Inc.	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	Bradley-Sciocchetti, Inc.	56.00	56.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	Midatlantic Construction & Design dba Midatlantic Insulation	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	Precision Air Designs, Inc.	9.25	9.25	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Inn Yard Park	Petrongolo Contractors Inc.	28.00	28.00	0	6	0	0	0	6.00	0	21.4%	0	0.0%	0	0
Kensington & Tacony Trail	JPC Group Inc.	4,583.50	4,583.50	529.5	0	122	0	0	651.50	0	14.2%	0	0.0%	0	0
Kensington & Tacony Trail	Apex Services, Inc.	1,432.00	1,432.00	0	464	0	0	0	464.00	0	32.4%	1	0.0%	0	0
Kensington & Tacony Trail	All Seasons Landscaping Co, Inc.	1,253.00	1,068.00	608	161	0	0	17	769.00	0	72.0%	1	0.0%	0	168
Kensington & Tacony Trail	Roma Concrete	192.00	168.00	64	0	0	0	24	64.00	0	38.1%	1	0.0%	0	0
Kensington & Tacony Trail	Gessler Construction Co Inc.	42.00	42.00	0	2	0	0	0	2.00	0	4.8%	0	0.0%	0	0
Kensington & Tacony Trail	BillyBoy Contracting LLC	40.50	40.50	40.5	0	0	0	0	40.50	0	100.0%	1	0.0%	0	0
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - general	Palmer Waterproofing, Inc.	85.00	85.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - general	Jack Pears & Associates, LLC	24.00	24.00	16	0	0	0	0	16.00	0	66.7%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - mechanical	Devine Brothers, Inc.	177.00	177.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - mechanical	McGoldrick Electric, INC	64.00	-	0	0	0	0	0	-	0					64
Mechanical Requirements Contract FY 2016	Devine Brothers, Inc.	900.50	884.50	48	0	0	0	0	48.00	0	5.4%	0	0.0%	0	16
Mechanical Room 9 Air Handling Unit Replacement - Electrical	Palman Electric, Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Hankinson & Koehler Inc.	2,503.25	2,503.25	0	20	0	0	0	20.00	0	0.8%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	JPC Group Inc.	703.50	703.50	16.5	0	0	0	0	16.50	0	2.3%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Jack Pears & Associates, LLC	380.00	380.00	340	0	0	0	0	340.00	0	89.5%	1	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Paramount Electrical Services LLC	264.00	264.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Mara Restoration Inc.	60.00	60.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	US Plate & Mirros, Inc. dba US Glass & Metal, Inc.	52.00	52.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Stenton Corporation	28.00	28.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
NE Rehabilitation Phase-5 Plumbing/Fire	Dolan Mechanical, Inc.	1,230.50	1,230.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
New Chemical Dosing Lines @ Baxter WTP	A.P. Construction, Inc.	342.50	342.50	89	176	0	0	0	265.00	0	77.4%	1	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	Cocco Contracting Corp.	240.00	240.00	40	0	0	0	0	40.00	0	16.7%	0	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	Walker Diving Underwater Construction LLC	72.00	72.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	Eagle I Electric, Inc.	20.00	20.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (Electrical)	Palman Electric, Inc.	8,048.00	8,048.00	357.5	0	0	0	0	357.50	357.5	4.4%	0	4.4%	0	0
New Gravity Thickner Facilities @ NEWPCP (Electrical)	Ground Penetration & Restoration, Inc.	124.00	124.00	0	8	0	0	0	8.00	0	6.5%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Thomas P. Carney, Inc.	40,695.50	40,695.50	7541	120	0	0	0	7,661.00	0	18.8%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	L & R Construction Co., Inc.	5,447.00	5,447.00	378	35	0	0	0	413.00	0	7.6%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	ABC Construction Co., Inc.	2,582.50	2,582.50	68	8	0	0	0	76.00	531	2.9%	0	20.6%	1	0
New Gravity Thickner Facilities @ NEWPCP (General)	Rickborn Industrial Services & Erectors Inc.	2,265.50	1,793.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	472
New Gravity Thickner Facilities @ NEWPCP (General)	Thackray Crane Rental	550.00	550.00	0	240	0	0	0	240.00	0	43.6%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	R&M Masonry Contractors, Inc.	308.00	308.00	96	0	0	0	0	96.00	0	31.2%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
New Gravity Thickner Facilities @ NEWPCP (General)	Tri-State Painting & Wallcovering Inc.	92.00	92.00	0	46	0	0	0	46.00	0	50.0%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Crawford Caulking Co.	58.00	58.00	4	0	0	0	0	4.00	0	6.9%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Union Roofing Contractors, Inc.	52.00	52.00	0	32	0	0	0	32.00	0	61.5%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (Plumbing)	Surety Mechanical Services, Inc.	431.50	431.50	21	0	0	0	0	21.00	0	4.9%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	Carusone Construction Inc.	4,958.00	4,958.00	876.5	550.5	0	0	0	1,427.00	0	28.8%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	Palman Electric, Inc.	1,933.50	1,933.50	249	0	0	0	0	249.00	249	12.9%	0	12.9%	1	0
New Secondary Conduit @ NEWPCP	Mena Construction, Inc.	1,375.50	1,375.50	0	1375.5	0	0	0	1,375.50	0	100.0%	1	0.0%	0	0
New Secondary Conduit @ NEWPCP	L & R Construction Co., Inc.	705.00	705.00	79	12.5	0	0	0	91.50	0	13.0%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	C & H Industrial Services Inc.	598.00	460.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	138
New Secondary Conduit @ NEWPCP	Gessler Construction Co Inc.	118.00	118.00	4	11	0	0	0	15.00	0	12.7%	0	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	Milestone Construction Management, Inc.	484.00	484.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	Umoja Erectors LLC	432.00	432.00	328	0	0	0	0	328.00	0	75.9%	1	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	Gambone General Construction	304.00	304.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Northeast Incinerator Rehabilitation Phase 5	Cavallo and Son Builders LLC	248.50	248.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	EJ Montgomery Contractors Inc.	168.00	-	0	0	0	0	0	-	0					168
Northern Liberties Phase II & IV	A.P. Construction, Inc.	357.00	357.00	156.5	89	0	0	0	245.50	0	68.8%	1	0.0%	0	0
Northern Liberties Phase II & IV	Nucero Electrical Construction Co., Inc.	53.00	53.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northern Liberties Phase II & IV	Cocco Contracting Corp.	33.50	33.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northern Liberties Phase V	Carusone Construction Inc.	1,482.00	1,482.00	904.5	192	0	0	0	1,096.50	0	74.0%	1	0.0%	0	0
Northern Liberties Phase V	Mena Construction, Inc.	158.50	158.50	158.5	0	0	0	0	158.50	0	100.0%	1	0.0%	0	0
On Call General Construction Requirements	Roma Steel Erection Inc.	133.00	133.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On Call Mechanical	Surety Mechanical Services, Inc.	8,419.50	8,419.50	971.5	0	0	0	0	971.50	0	11.5%	0	0.0%	0	0
On Call Mechanical	Thomas Company	2,492.50	2,492.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call All Clients City-Wide	General Asphalt Paving Co. of Phila	254.50	254.50	12	0	0	0	0	12.00	0	4.7%	0	0.0%	0	0
On-Call All Clients Citywide G-Con	Palman Electric, Inc.	67.00	67.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call City Wide Parks & Recreation Facilities	Palman Electric, Inc.	994.50	994.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call City Wide Parks & Recreation Facilities	General Asphalt Paving Co. of Phila	113.50	113.50	14	0	0	0	0	14.00	0	12.3%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
On-Call Fire, Police, Prisons, Public Properties City Wide	Schleig Electric Inc.	3,208.00	3,208.00	542	0	0	0	0	542.00	0	16.9%	0	0.0%	0	0
On-Call Fire, Police, Prisons, Public Properties City Wide	General Asphalt Paving Co. of Phila	472.00	472.00	54	0	0	0	0	54.00	0	11.4%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Mason Building Group, Inc.	12,723.00	12,723.00	771	1839	0	0	0	2,610.00	0	20.5%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Thomas Building Group Inc.	4,342.00	4,342.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Nesmith & Company	2,506.00	2,506.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Roman Mosaic & Tile Company	230.00	230.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Thomas Company	178.00	178.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	American Overhead Door & Dock Inc.	30.00	30.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (Electrical)	Mulhern Electric Co, Inc	2,028.00	-	0	0	0	0	0	-	0					2028
Passenger Loading Bridges Replacement (General)	Ellioitt-Lewis Corporation	5,913.50	5,017.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	896
Passenger Loading Bridges Replacement (General)	Charles H. MacDonald Electric, Inc.	2,413.00	2,413.00	1423.5	0	0	0	0	1,423.50	0	59.0%	1	0.0%	0	0
Passenger Loading Bridges Replacement (General)	CNS Construction Corp	990.00	990.00	197.5	0	0	0	0	197.50	0	19.9%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	D.J. Keating Company	937.00	937.00	20	0	0	0	0	20.00	0	2.1%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Passenger Loading Bridges Replacement (General)	Sautter Crane Rental Inc.	317.50	309.50	0	65	0	0	8	65.00	0	21.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	Buttonwood Company Inc.	44.00	44.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	Watercontrol Services Inc.	19.00	19.00	0	8	0	0	0	8.00	0	42.1%	1	0.0%	0	0
Passenger Loading Bridges Replacement (General)	Delaware Valley Cutting Services Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Penn Treaty Park Site Improvements	Pannulla Construction Co., Inc.	1,708.00	1,364.00	0	264	0	272	0	536.00	0	39.3%	1	0.0%	0	344
Penn Treaty Park Site Improvements	Safety Turf Inc.	83.50	83.50	20	0	0	0	0	20.00	0	24.0%	0	0.0%	0	0
Penn Treaty Park Site Improvements	Nico Landscaping	10.50	10.50	5.25	5.25	0	0	0	10.50	0	100.0%	1	0.0%	0	0
Pennypack Park Bridge	JPC Group Inc.	952.00	952.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Philadelphia Traffic Operations Center (Electrical)	Bustleton Services, Inc.	68.50	68.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Philadelphia Traffic Operations Center (Electrical)	Structured Cable Solutions Inc.	19.00	19.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Philadelphia Traffic Operations Center (Electrical)	Carr & Duff, Inc.	346.50	-	0	0	0	0	0	-	0					346.5
Plant Water System Rehab @ NEWPCP	Nucero Electrical Construction Co., Inc.	1,534.00	1,534.00	337	0	0	0	0	337.00	0	22.0%	0	0.0%	0	0
Plant Water System Rehab @ NEWPCP	Stone Hill Contracting Co. Inc.	819.50	643.50	0	0	0	0	72	-	0	0.0%	0	0.0%	0	104
Plant Water System Rehab @ NEWPCP	Athena Contracting Inc.	146.00	146.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Police Training Access Drive	Bencardino Excavating, Inc.	48.00	48.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Police Training Access Drive	Carr & Duff, Inc.	26.00	-	0	0	0	0	0	-	0					26
Realign Taxiway H/ Establish Taxiway EE	DELTA LINE CONSTRUCTION CO	1,813.50	1,667.50	250	0	0	0	0	250.00	0	15.0%	0	0.0%	0	146
Realign Taxiway H/ Establish Taxiway EE	Tony DePaul & Son	1,546.00	1,546.00	152.5	148.5	0	0	0	301.00	0	19.5%	0	0.0%	0	0
Realign Taxiway H/ Establish Taxiway EE	Zone Striping Inc.	324.00	324.00	8	60.5	0	0	0	68.50	0	21.1%	0	0.0%	0	0
Realign Taxiway H/ Establish Taxiway EE	Mattiola Services, LLC	8.00	8.00	0	4	0	0	0	4.00	0	50.0%	1	0.0%	0	0
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Seravalli, Inc.	2,011.50	2,011.50	50.5	352.5	0	0	0	403.00	0	20.0%	0	0.0%	0	0
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Aviman Management, LLC	304.00	304.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Serco, Inc.	41.00	41.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ 10th St	Nello Construction	20.00	20.00	0	16	0	0	0	16.00	0	80.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Nello Construction	2,996.00	2,996.00	124	2744	0	0	0	2,868.00	0	95.7%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Ramos & Associates Inc.	171.00	171.00	128	0	0	0	0	128.00	9.5	74.9%	1	5.6%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Gessler Construction Co Inc.	77.00	77.00	0	11	0	0	0	11.00	0	14.3%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Adams Ave	Seravalli, Inc.	9,340.50	9,340.50	150.5	1816	0	0	0	1,966.50	0	21.1%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Adams Ave	Serco, Inc,	489.00	489.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewers & Relays @ Adams Ave	Gessler Construction Co Inc.	93.00	93.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Amber St	Carusone Construction Inc.	11,312.00	11,312.00	1776	2074.5	0	0	0	3,850.50	0	34.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Amber St	Mena Construction, Inc.	503.00	503.00	397	106	0	0	0	503.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Nello Construction	2,478.00	2,478.00	178	1720	0	0	0	1,898.00	0	76.6%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Aviman Management, LLC	208.00	208.00	16	0	0	0	0	16.00	0	7.7%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Ramos & Associates Inc.	149.50	149.50	84	25	0	0	0	109.00	0	72.9%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Gessler Construction Co Inc.	84.00	84.00	0	8	0	0	0	8.00	0	9.5%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Benezet	Miniscalco Construction, LLC	644.50	644.50	0	83	0	0	0	83.00	24	12.9%	0	3.7%	0	0
Reconstruction of Sewers & Relays @ Benezet	Allstate Power Vac	275.50	275.50	19	78	0	0	0	97.00	0	35.2%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Benezet	Mattiola Services, LLC	8.50	8.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Carlisle St	Nello Construction	3,849.00	3,849.00	118	3343	0	0	0	3,461.00	0	89.9%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Petrongolo Contractors Inc.	8,294.00	8,294.00	3005.5	2658	0	56	0	5,719.50	0	69.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Roma Concrete	546.50	498.50	97	0	0	0	48	97.00	0	19.5%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Gessler Construction Co Inc.	127.50	127.50	0	4	0	0	0	4.00	0	3.1%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Dauphin St	Petrongolo Contractors Inc.	3,121.00	3,121.00	1520	1032	0	0	0	2,552.00	0	81.8%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewers & Relays @ Dauphin St	Gessler Construction Co Inc.	144.00	144.00	0	24	0	0	0	24.00	0	16.7%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Franklin St	Nello Construction	2,051.00	2,051.00	119	1820	0	0	0	1,939.00	0	94.5%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Hanson St	Carusone Construction Inc.	3,839.50	3,839.50	793	227	0	0	0	1,020.00	0	26.6%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hanson St	Mena Construction, Inc.	265.00	265.00	168	97	0	0	0	265.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Hanson St	Gessler Construction Co Inc.	75.00	75.00	0	12	0	0	0	12.00	0	16.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hermitage	Petrongolo Contractors Inc.	6,626.50	6,626.50	1463.5	1592	0	0	0	3,055.50	0	46.1%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Hermitage	Aviman Management, LLC	1,086.00	1,075.50	32	0	0	0	0	32.00	0	3.0%	0	0.0%	0	10.5
Reconstruction of Sewers & Relays @ Hermitage	Gessler Construction Co Inc.	139.00	139.00	4	2	0	0	0	6.00	0	4.3%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Norris St	Carusone Construction Inc.	759.50	759.50	0	215.5	0	0	0	215.50	0	28.4%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Ranstead St	Carusone Construction Inc.	1,714.00	1,714.00	243	415	0	0	0	658.00	0	38.4%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Ranstead St	Mena Construction, Inc.	73.00	73.00	51	22	0	0	0	73.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ S. 61st	Petrongolo Contractors Inc.	9,418.50	9,418.50	3131.5	4674	0	161	0	7,966.50	0	84.6%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Seltzer St	Carusone Construction Inc.	52.00	52.00	40	4	0	0	0	44.00	0	84.6%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ W. Loudon St	Carusone Construction Inc.	74.00	74.00	0	74	0	0	0	74.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers @ Lansdowne Ave	JPC Group Inc.	677.50	677.50	57	549.5	0	0	0	606.50	0	89.5%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewers @ Stamford St	Petrongolo Contractors Inc.	629.00	629.00	40	401	0	0	0	441.00	0	70.1%	1	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (Elec)	E.J. Electric, Inc.	5,648.00	5,648.00	920.5	0	0	0	0	920.50	0	16.3%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (Elec)	Ground Penetration & Restoration, Inc.	854.00	854.00	0	345	0	0	0	345.00	0	40.4%	1	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (Elec)	Extech Coring & Sawing	64.00	64.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	C & H Industrial Services Inc.	1,495.50	1,057.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	438
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	Hayward Baker	407.50	407.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	Louis Dolente & Sons	74.00	74.00	16.5	0	0	0	0	16.50	0	22.3%	0	0.0%	0	0
Relay of Water Mains & Abandonment of Water Mains @ Shawmont	JPC Group Inc.	1,319.00	1,319.00	331	24.5	0	0	0	355.50	0	27.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Nello Construction	7,842.00	7,842.00	280	6682	0	0	0	6,962.00	0	88.8%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Ramos & Associates Inc.	294.50	294.50	84.5	8.5	0	42.5	0	135.50	0	46.0%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Gessler Construction Co Inc.	73.00	73.00	15	0	0	0	0	15.00	0	20.5%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Glendale St	Seravalli, Inc.	13,511.50	13,511.50	824	3369.5	0	0	0	4,193.50	0	31.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Glendale St	Serco, Inc.	546.00	546.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Glendale St	Zone Striping Inc.	33.50	33.50	0	5.5	0	0	0	5.50	0	16.4%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Hope St	Carusone Construction Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Lawrence St	Nello Construction	5,832.00	5,832.00	282	4346	0	0	0	4,628.00	0	79.4%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Lawrence St	Gessler Construction Co Inc.	56.00	56.00	0	4	0	0	0	4.00	0	7.1%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains & Construction of Green Infrastructure @ Mayfield St	Philip Pio Construction, Inc.	682.00	682.00	89	246	0	0	0	335.00	0	49.1%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Melon St	Carusone Construction Inc.	5,679.00	5,679.00	1161	2052.5	0	0	0	3,213.50	0	56.6%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Melon St	Mena Construction, Inc.	1,265.50	1,265.50	245	1020.5	0	0	0	1,265.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Carusone Construction Inc.	10,494.50	10,494.50	212	2597.5	0	0	0	2,809.50	0	26.8%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Mena Construction, Inc.	689.50	689.50	0	689.5	0	0	0	689.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Gessler Construction Co Inc.	209.00	209.00	18	14	0	0	0	32.00	0	15.3%	0	0.0%	0	0
Relay of Water Mains & Reconstruction of Sewers @ Wilder St	Carusone Construction Inc.	1,698.00	1,698.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Slip Lining @ Wissahickon Ave	Miniscalco Corporation	1,500.50	1,186.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	314.5
Relay of Water Mains & Slip Lining @ Wissahickon Ave	Gessler Construction Co Inc.	56.50	56.50	0	4	0	0	0	4.00	0	7.1%	0	0.0%	0	0
Relay of Water Mains @ 9th St	Carusone Construction Inc.	1,841.00	1,841.00	331.5	969.5	0	0	0	1,301.00	0	70.7%	1	0.0%	0	0
Relay of Water Mains @ 9th St	Mena Construction, Inc.	389.50	389.50	0	389.5	0	0	0	389.50	0	100.0%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains @ 9th St	Gessler Construction Co Inc.	45.00	45.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Broad St	A.P. Construction, Inc.	10,075.00	10,075.00	1186.5	5355.5	0	12.5	0	6,554.50	0	65.1%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Cocco Contracting Corp.	1,016.50	1,016.50	56.5	102	0	0	0	158.50	0	15.6%	0	0.0%	0	0
Relay of Water Mains @ Broad St	Athena Contracting Inc.	688.00	688.00	0	264.5	0	0	0	264.50	0	38.4%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Sable Construction	317.50	317.50	317.5	0	0	0	0	317.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Gessler Construction Co Inc.	32.00	32.00	8	8	0	0	0	16.00	0	50.0%	1	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	JPC Group Inc.	11,590.50	11,590.50	1247	8097.5	16.5	0	0	9,361.00	0	80.8%	1	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	Aviman Management, LLC	184.00	184.00	16	0	0	0	0	16.00	0	8.7%	0	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	Gessler Construction Co Inc.	48.00	48.00	4	4	0	0	0	8.00	0	16.7%	0	0.0%	0	0
Relay of Water Mains @ Buist Ave	Nello Construction	2,928.00	2,928.00	143	2217	0	0	0	2,360.00	0	80.6%	1	0.0%	0	0
Relay of Water Mains @ Buist Ave	Gessler Construction Co Inc.	71.00	71.00	0	8	0	0	0	8.00	0	11.3%	0	0.0%	0	0
Relay of Water Mains @ Conrad	Nello Construction	1,431.00	1,431.00	48	1051	0	0	0	1,099.00	0	76.8%	1	0.0%	0	0
Relay of Water Mains @ Coral St	Nello Construction	2,734.00	2,734.00	172	1986	0	0	0	2,158.00	0	78.9%	1	0.0%	0	0
Relay of Water Mains @ Coral St	Aviman Management, LLC	559.00	559.00	80	0	0	0	0	80.00	0	14.3%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains @ Coral St	Gessler Construction Co Inc.	83.00	83.00	0	4.5	0	0	0	4.50	0	5.4%	0	0.0%	0	0
Relay of Water Mains @ Duval St	Carusone Construction Inc.	5,252.50	5,252.50	369.5	1201	0	0	0	1,570.50	0	29.9%	0	0.0%	0	0
Relay of Water Mains @ Duval St	Mena Construction, Inc.	2,135.50	2,135.50	107	2028.5	0	0	0	2,135.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains @ Duval St	Gessler Construction Co Inc.	184.00	184.00	0	8	0	0	0	8.00	0	4.3%	0	0.0%	0	0
Relay of Water Mains @ Duval St	Allstate Power Vac	46.00	46.00	0	23	0	0	0	23.00	0	50.0%	1	0.0%	0	0
Relay of Water Mains @ E. Mount Airy Ave.	Philip Pio Construction, Inc.	3,890.00	3,890.00	172	1707.5	0	0	0	1,879.50	0	48.3%	1	0.0%	0	0
Relay of Water Mains @ E. Mount Airy Ave.	Gessler Construction Co Inc.	164.00	164.00	0	13.5	0	0	0	13.50	0	8.2%	0	0.0%	0	0
Relay of Water Mains @ former McMichalel St	A.P. Construction, Inc.	3,744.00	3,598.00	455	49.5	0	5.5	146	510.00	0	14.2%	0	0.0%	0	0
Relay of Water Mains @ former McMichalel St	Sable Construction	451.00	451.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Front St	Seravalli, Inc.	12,267.00	12,267.00	244	2770	0	0	0	3,014.00	0	24.6%	0	0.0%	0	0
Relay of Water Mains @ Front St	Serco, Inc.	1,235.00	1,235.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Front St	Gessler Construction Co Inc.	31.00	31.00	7	0	0	0	0	7.00	0	22.6%	0	0.0%	0	0
Relay of Water Mains @ Hamilton St	Carusone Construction Inc.	3,503.00	3,503.00	0	206.5	0	0	0	206.50	0	5.9%	0	0.0%	0	0
Relay of Water Mains @ Hamilton St	Gessler Construction Co Inc.	84.00	84.00	8	0	0	0	0	8.00	0	9.5%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains @ Lakeside Ave	Brightline Construction	307.00	307.00	60.5	24	0	0	0	84.50	0	27.5%	0	0.0%	0	0
Relay of Water Mains @ Pierce St	Petrongolo Contractors Inc.	664.50	664.50	0	302.5	0	0	0	302.50	0	45.5%	1	0.0%	0	0
Relay of Water Mains @ Pierce St	Gessler Construction Co Inc.	20.00	20.00	4	0	0	0	0	4.00	0	20.0%	0	0.0%	0	0
Relay of Water Mains @ Summerdale Ave	Philip Pio Construction, Inc.	6,023.50	6,023.50	377.5	2058	0	0	0	2,435.50	0	40.4%	1	0.0%	0	0
Relay of Water Mains @ Summerdale Ave	Gessler Construction Co Inc.	249.00	249.00	28	7	0	0	0	35.00	0	14.1%	0	0.0%	0	0
Relay of Water Mains @ York St	Petrongolo Contractors Inc.	955.00	955.00	80	603	0	0	0	683.00	0	71.5%	1	0.0%	0	0
Relay of Water Mains @ York St	Gessler Construction Co Inc.	24.00	24.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	A.P. Construction, Inc.	724.00	724.00	332	0	0	0	0	332.00	0	45.9%	1	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Ross-Araco Co	712.00	712.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	BillyBoy Contracting LLC	443.00	443.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Sable Construction	252.50	252.50	252.5	0	0	0	0	252.50	0	100.0%	1	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Venture Two Contracting, Inc.	155.00	155.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Athena Contracting Inc.	40.00	40.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Mulhern Electric Co, Inc.	3,942.00	2,185.50	0	616	0	0	0	616.00	0	28.2%	0	0.0%	0	1756.5
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Bencardino Excavating, Inc.	160.00	160.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Northeast Fence & Iron Works, Inc.	37.50	37.50	0	8.5	0	0	0	8.50	0	22.7%	0	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Ross-Araco Co	1,582.00	1,582.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Torrado Construction	1,182.00	1,182.00	152	316	0	0	0	468.00	0	39.6%	1	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Venture Two Contracting, Inc.	160.00	160.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Underdrains @ Baxter WTP	Ross-Araco Co	958.00	958.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Underdrains @ Baxter WTP	Venture Two Contracting, Inc.	62.00	62.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Underdrains @ Baxter WTP	A.P. Construction, Inc.	4.00	4.00	4	0	0	0	0	4.00	0	100.0%	1	0.0%	0	0
Requirements Contract	Associated Specialty Contracting Inc.	2,641.50	2,641.50	249	4	167.5	0	0	420.50	0	15.9%	0	0.0%	0	0
Runway 9R Pier Improvements	Atlantic Subsea Inc.	6,446.00	6,446.00	0	592	0	0	0	592.00	0	9.2%	0	0.0%	0	0
Runway 9R Pier Improvements	RCR Electrical Contractors Inc.	2,612.00	2,612.00	90	0	0	0	0	90.00	0	3.4%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Runway 9R Pier Improvements	AmeriDrill, Inc.	222.00	222.00	38.5	0	0	0	0	38.50	0	17.3%	0	0.0%	0	0
Runway 9R Pier Improvements	L & R Construction Co., Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Semi-Annual Service Contract	Carusone Construction Inc.	991.50	991.50	14	418	0	0	0	432.00	0	43.6%	1	0.0%	0	0
Semi-Annual Service Contract	Gessler Construction Co Inc.	28.00	24.00	4	4	0	0	0	8.00	0	33.3%	1	0.0%	0	4
Simpson Recreation Center	Schneider Restoration Inc.	1,224.00	1,224.00	286	0	0	0	0	286.00	0	23.4%	0	0.0%	0	0
Simpson Recreation Center	Ramos & Associates Inc.	797.00	797.00	0	392	0	0	0	392.00	0	49.2%	1	0.0%	0	0
Simpson Recreation Center	Robert Ganter Contractors Inc.	752.50	433.00	194.5	72	0	0	0	266.50	0	61.5%	1	0.0%	0	319.5
Simpson Recreation Center	Sioutis Coating Enterprise, Inc.	67.71	47.47	0	0	0	0	20.24	-	0	0.0%	0	0.0%	0	0
Southwest Plant Chanel Aeration System	Spectraserv Inc.	128.00	128.00	0	112	0	0	0	112.00	0	87.5%	1	0.0%	0	0
Stephen Girard House	Kurtz Construction Co	66.00	66.00	25	0	0	0	0	25.00	0	37.9%	1	0.0%	0	0
Storm Drain Outfall @ NEWPCP	Carusone Construction Inc.	96.00	96.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Structural Work at Engine 3,69,71,72	Kaser Mechanical, LLC	21.00	21.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A East Substation Flood Prevention - Electrical	Mulhern Electric Co, Inc.	1,849.00	315.00	64	0	0	0	0	64.00	0	20.3%	0	0.0%	0	1534
Terminal A East Substation Flood Prevention - Mechanical	Oliver Fire Protection & Security	454.00	454.00	0	2	0	0	0	2.00	0	0.4%	0	0.0%	0	0
Terminal A East Substation Flood Prevention - Mechanical	Seravalli, Inc.	453.00	453.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Terminal A East Substation Flood Prevention - Mechanical	Jack Pears & Associates, LLC	303.00	303.00	303	0	0	0	0	303.00	0	100.0%	1	0.0%	0	0
Terminal A East Substation Flood Prevention - Mechanical	Serco, Inc.	204.00	204.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A East Substation Flood Prevention - Mechanical	Carr & Duff, Inc.	97.00	-	0	0	0	0	0	-	0					97
Terminal A West Crew Elevator Electrical	Armour & Sons Electric, Inc.	393.00	393.00	24	0	0	0	0	24.00	0	6.1%	0	0.0%	0	0
Terminal A West Crew Elevator General	A.P. Construction, Inc.	1,793.00	1,793.00	252	0	0	0	0	252.00	0	14.1%	0	0.0%	0	0
Terminal A West Crew Elevator General	Athena Contracting Inc.	881.50	881.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator General	Total Access	171.50	171.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator General	Lake Glenn Enterprises, Inc.	129.50	129.50	129.5	0	0	0	0	129.50	0	100.0%	1	0.0%	0	0
Terminal A West Crew Elevator General	PBA Construction, Inc.	112.00	112.00	8	0	0	0	0	8.00	0	7.1%	0	0.0%	0	0
Terminal A West Crew Elevator General	Audubon Environmental Inc.	25.50	25.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator General	M. Schnoll & Sons, Inc.	8.00	8.00	8	0	0	0	0	8.00	0	100.0%	1	0.0%	0	0
Terminal A West Crew Elevator Mechanical	Surety Mechanical Services, Inc.	152.00	152.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator Mechanical	Thomas Company	90.00	90.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator Mechanical	Oliver Fire Protection & Security	26.00	26.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Terminal c, C HH & D Roof Replacement	Kobithen Roofing & Insulation Inc.	8,582.50	8,582.50	84.5	460	0	0	0	544.50	0	6.3%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 Mechanical	Marlyn Sheet Metal, Inc.	268.00	268.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 Mechanical	Midatlantic Construction & Design dba Midatlantic Insulation	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 Mechanical	Edward J. Meloney Inc.	88.00	88.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 Plumbing	Five Star, Inc.	937.50	937.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 Plumbing	Oliver Fire Protection & Security	93.00	93.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 General	Airport Construction Services LLC	6,290.50	6,290.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Roman Mosaic & Tile Company	2,479.00	2,479.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	E.J. Electric, Inc.	1,759.50	1,759.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 General	Thomas Company	657.00	657.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 General	PBA Construction, Inc.	475.00	475.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E,F Restroom Renovations Phase 2 General	Reilly Glazing Inc.	288.00	288.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Terminals D, E,F Restroom Renovations Phase 2 General	D.J. Keating Company	215.00	215.00	52	0	0	0	0	52.00	0	24.2%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Platinum Terrazzo	144.00	144.00	0	32	0	0	0	32.00	0	22.2%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Eastern Solar Glass	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Dale Construction Co. Inc.	100.00	100.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	TRACORP	96.00	96.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Creative Surfaces, Inc.	88.00	88.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Pioneer Contracting, Inc.	45.50	45.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Buttonwood Company Inc.	33.00	33.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Set-Rite Co	18.00	18.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Trenchless Sewer Rehabilitation	Allstate Power Vac	608.00	608.00	107.5	40	0	0	0	147.50	0	24.3%	0	0.0%	0	0
Trenchless Sewer Rehabilitation	Moblile Dredging & Video Pipe, Inc.	318.00	318.00	147	0	0	0	0	147.00	0	46.2%	1	0.0%	0	0
Trenchless Sewer Rehabilitation	Olivieri & Assoc, Inc.	48.00	48.00	0	16	0	0	0	16.00	0	33.3%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	% Minority	Met Minority Goal	% Female	Met Female Goal	Not Specified
Valve Installation for Alternate Supply to Torresdale Low Service Pressure	JPC Group Inc.	1,127.50	1,127.50	216.5	96	0	0	0	312.50	0	27.7%	0	0.0%	0	0
Water Mains @ Green Lane	Petrongolo Contractors Inc.	2,459.50	2,459.50	762.5	840	0	0	0	1,602.50	0	65.2%	1	0.0%	0	0
Water Works Park	Seravalli, Inc.	2,571.00	2,571.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Water Works Park	Townscapes, Inc.	222.00	222.00	0	138	0	0	0	138.00	0	62.2%	1	0.0%	0	0
Water Works Park	Tierra Construction Services LLC	60.00	60.00	0	8	0	0	0	8.00	0	13.3%	0	0.0%	0	0
Water Works Park	Eagle I Electric, Inc.	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Water Works Park	Nico Landscaping	13.00	13.00	6.5	0	0	0	0	6.50	0	50.0%	1	0.0%	0	0
West Phila. Library	McMullen Roofing, Inc.	1,567.00	1,512.50	0	234	0	0	0	234.00	0	15.5%	0	0.0%	0	54.5
West Philadelphia Library	Surety Mechanical Services, Inc.	1,698.00	1,698.00	168	0	0	0	0	168.00	0	9.9%	0	0.0%	0	0
West Philadelphia Library	Criniti Construction	207.00	207.00	60	0	0	0	0	60.00	0	29.0%	0	0.0%	0	0
West Philadelphia Library	Sioutis Coating Enterprise, Inc.	317.73	182.97	0	0	0	0	134.76	-	0	0.0%	0	0.0%	0	0
West Philadelphia Library	J.Mann-R. Finley, Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
West Philly Library	Mulhern Electric Co, Inc.	1,521.00	488.00	0	488	0	0	0	488.00	0	100.0%	1	0.0%	0	1033
Wister Playground	Brightline Construction	143.00	143.00	0	24	0	0	0	24.00	0	16.8%	0	0.0%	0	0
Wister Playground	Hyde Electric Corporation	28.00	28.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

TABLE A.13 COUNT AND DISTRIBUTION OF HOURS BY LABORER HOURS

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
3805 Historic Street Reconstruction & Sewer Restoration 300 American Street	Petrongolo Contractors Inc.	913.50	913.50	0	851.5	0	0	0	851.50	0	93.2%	1	0.0%	0	0
3815/Citywide Stairway Rehab Package -1	JPC Group Inc.	253.50	253.50	27.5	40	0	0	0	67.50	0	26.6%	0	0.0%	0	0
3815/Citywide Stairway Rehab Package -1	Olivieri & Assoc, Inc.	56.00	-	0	0	0	0	0	-	0					56
4601 Market	D.A. Nolt Inc.	3,634.50	3,634.50	1680.5	0	0	0	0	1,680.50	0	46.2%	1	0.0%	0	0
4601 Market	Masonry Preservation Group, Inc.	1,751.00	1,751.00	1751	0	0	0	0	1,751.00	0	100.0%	1	0.0%	0	0
4601 Market	Northeast Mast Climbers	152.00	152.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	R.P Concrete Inc.	406.50	406.50	406.5	0	0	0	0	406.50	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	A.P. Construction, Inc.	1,312.00	1,264.50	433.5	48	0	0	47.5	481.50	0	38.1%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Allied Environmental	321.75	92.75	0	92.75	0	0	0	92.75	0	100.0%	1	0.0%	0	229
61st Sewer Maintenance Facility (GCON)	Athena Contracting Inc.	38.00	38.00	0	38	0	0	0	38.00	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	BillyBoy Contracting LLC	554.50	554.50	554.5	0	0	0	0	554.50	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	D'Andrea Brothers Concrete Co, Inc.	1,090.50	1,090.50	397	16.5	0	0	0	413.50	0	37.9%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	DM Sabia & Co., Inc.	3.50	3.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Ninsa, LLC	25.00	25.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Ram-T Corporation	43.44	43.44	0	43.44	0	0	0	43.44	0	100.0%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Ammonia System Improvements @ Baxter WTP	Miniscalco Construction, LLC	162.00	162.00	0	27.5	0	0	0	27.50	0	17.0%	0	0.0%	0	0
Animal Care Improvements	Healy Long & Jevin, Inc.	32.00	32.00	32	0	0	0	0	32.00	0	100.0%	1	0.0%	0	0
Animal Care Improvements	Meco Construction, Inc.	32.00	32.00	0	16	0	0	0	16.00	0	50.0%	1	0.0%	0	0
Animal Care Improvements	Pannulla Construction Co., Inc.	992.00	728.00	0	256	0	120	0	376.00	0	51.6%	1	0.0%	0	264
Barry Playground Mechanical	Pannulla Construction Co., Inc.	276.00	160.00	0	32	0	32	0	64.00	0	40.0%	1	0.0%	0	116
Belmont Raw Water Basin	Atlantic Lining Co. Inc.	1,774.00	1,464.00	0	0	1430	0	310	1,430.00	473	97.7%	1	32.3%	1	0
Belmont Raw Water Basin	JPC Group Inc.	13,141.00	13,141.00	5869.5	1484.5	0	0	0	7,354.00	0	56.0%	1	0.0%	0	0
Belmont Raw Water Basin	Olivieri & Assoc, Inc.	228.00	-	0	0	0	0	0	-	0					228
Ben Franklin Parkway Streetscape	Bustleton Services, Inc.	759.75	759.75	95	552	0	0	0	647.00	0	85.2%	1	0.0%	0	0
Ben Franklin Parkway Streetscape	Carr & Duff, Inc.	72.00	49.00	0	49	0	0	0	49.00	0	100.0%	1	0.0%	0	23
Ben Franklin Parkway Streetscape	Tony DePaul & Son	2,414.00	2,414.00	778	152	0	0	0	930.00	39.5	38.5%	1	1.6%	0	0
Ben Franklin Parkway Streetscape	Tough Turf, LLC	264.00	264.00	0	0	0	36	0	36.00	0	13.6%	0	0.0%	0	0
Cargo City Landside Pavement Management Program-Phase-1	Tony DePaul & Son	60.00	57.00	4.5	0	0	0	0	4.50	0	7.9%	0	0.0%	0	3
Cargo City Landside Pavement Management Program Phase 2	Tony DePaul & Son	750.50	750.50	201	108	0	0	0	309.00	8	41.2%	1	1.1%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
City Hall - Rm 111	Milestone Construction Management, Inc.	75.00	75.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
City Hall Council Chambers Ceiling	Materials Conservation Collaborative, LLC	5.50	5.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Altino Concrete Construction, LLC	166.86	112.56	0	0	0	0	0	-	0	0.0%	0	0.0%	0	54.3
Citywide Requirement Site improvements	DeSilvio & Co, Inc.	42.00	42.00	8	34	0	0	0	42.00	0	100.0%	1	0.0%	0	0
Citywide Requirement Site improvements	Donato Spaventa & Sons Inc.	1,506.50	1,506.50	1486	0	0	0	0	1,486.00	0	98.6%	1	0.0%	0	0
Citywide Requirement Site improvements	Hyde Electric Corporation	80.00	80.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	John McPhillips and Sons	155.25	155.25	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Nova Crete, Inc.	30.00	18.00	0	12	0	0	0	12.00	0	66.7%	1	0.0%	0	12
Citywide Requirement Site improvements	Pro Max Fence Systems, Inc.	16.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	8
Citywide Requirement Site improvements	Safety Turf Inc.	197.00	197.00	52	0	0	0	0	52.00	0	26.4%	0	0.0%	0	0
Citywide Requirement Site improvements	Tamco Construction	231.00	-	0	0	0	0	82.5	-	0					148.5
Citywide Requirement Site improvements	Townscapes, Inc.	120.00	120.00	0	45	0	0	0	45.00	0	37.5%	1	0.0%	0	0
Citywide Requirement Site improvements	Traffic & Safety Signs Inc.	6.00	6.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Site Improvements	Building Restoration Inc.	293.00	293.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Jack Pears & Associates, LLC	268.00	268.00	260	0	0	0	0	260.00	0	97.0%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Concourses C & D HVAC Renovation and Replacement	Wescott Electric Company	5.00	5.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Clearwater Concrete & Masonry, Inc.	36.00	28.00	0	0	0	0	8	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Criniti Construction	32.00	32.00	16	0	0	0	0	16.00	0	50.0%	1	0.0%	0	0
Conestoga Playground Electrical	Hyde Electric Corporation	48.00	48.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Conestoga Playground G-Con	Pannulla Construction Co., Inc.	704.00	520.00	0	184	0	80	0	264.00	0	50.8%	1	0.0%	0	184
Construction for the Clearwell Basin @ Baxter WTP (GCON)	JPC Group Inc.	1,324.00	1,324.00	16	104.5	0	0	0	120.50	0	9.1%	0	0.0%	0	0
Construction of Green Infrastructure @ Haverford Triangle	Petrongolo Contractors Inc.	374.00	374.00	8	225	0	141	0	374.00	0	100.0%	1	0.0%	0	0
Conveyance & Flow Control for Clearwell Basin Replacement @ Baxter WTP	Gessler Construction Co Inc.	48.00	48.00	4	0	0	0	0	4.00	0	8.3%	0	0.0%	0	0
Conveyance & Flow Control for Clearwell Basin Replacement @ Baxter WTP	JPC Group Inc.	248.00	248.00	0	8	0	0	0	8.00	0	3.2%	0	0.0%	0	0
Deicing Apron Pkg. 1	D'Angelo Bros. Co. Inc.	5,548.00	5,548.00	524	3654	0	0	0	4,178.00	0	75.3%	1	0.0%	0	0
Deicing Apron Pkg. 1	D.J. Keating Company	422.00	422.00	344	0	0	0	0	344.00	0	81.5%	1	0.0%	0	0
Deicing Apron Pkg. 1	Delta/BJDS	273.00	273.00	0	224	0	0	0	224.00	0	82.1%	1	0.0%	0	0
Deicing Apron Pkg. 1	Giles Cannon	285.50	285.50	53.5	16	0	0	0	69.50	0	24.3%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Deicing Apron Pkg. 1	Mattiola Services, LLC	200.50	200.50	0	87	0	0	0	87.00	0	43.4%	1	0.0%	0	0
Deicing Apron Pkg. 1	Northeast Fence & Iron Works, Inc.	39.50	39.50	0	20	0	0	0	20.00	0	50.6%	1	0.0%	0	0
Deicing Apron Pkg. 1	The Espinosa Group Inc.	4,617.00	1,823.00	1041	34	0	0	0	1,075.00	0	59.0%	1	0.0%	0	2794
Deicing Apron Pkg. 1	Torrado Construction	768.50	724.00	32.5	339	0	0	0	371.50	0	51.3%	1	0.0%	0	44.5
Deicing Apron Pkg. 1	Tri-State Construction Inc.	272.00	272.00	16	0	0	0	0	16.00	0	5.9%	0	0.0%	0	0
Deicing Apron Pkg. 1	Zone Striping Inc.	98.50	98.50	0	7.5	0	0	0	7.50	0	7.6%	0	0.0%	0	0
East Fairmount Park	Aviman Management, LLC	141.00	141.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Fairmount Park	Bustleton Services, Inc.	61.50	61.50	0	8	0	0	0	8.00	0	13.0%	0	0.0%	0	0
East Fairmount Park	Gessler Construction Co Inc.	7.50	7.50	2.5	2.5	0	0	0	5.00	0	66.7%	1	0.0%	0	0
East Fairmount Park	JPC Group Inc.	2,415.00	2,415.00	108	273.5	0	0	0	381.50	8	15.8%	0	0.3%	0	0
East Fairmount Park	Nico Landscaping	111.75	111.75	7	56.25	0	0	0	63.25	0	56.6%	1	0.0%	0	0
East Park Canoe House (Electrical)	Murphy Quigley Company, Inc.	256.00	256.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	B. Pietrini & Sons	1,045.00	1,045.00	460.5	9	0	0	0	469.50	0	44.9%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Chesco Coring & Cutting, Inc.	13.25	13.25	0	8.5	0	0	0	8.50	0	64.2%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Connelly Construction Corp.	157.50	157.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	D.J. Keating Company	1,480.00	1,480.00	1480	0	0	0	0	1,480.00	0	100.0%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
East Park Reservoir @ 33rd & Diamond	JPC Group Inc.	2,733.50	2,733.50	810	34	0	0	0	844.00	0	30.9%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Marona Construction Company	9,669.50	9,669.50	4622.5	120.5	0	0	0	4,743.00	0	49.1%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Natgun Corporation Subsidiary of DN Tanks	13,451.50	12,196.00	4872	3595	0	0	0	8,467.00	1171.5	69.4%	1	9.6%	1	1255.5
East Park Reservoir @ 33rd & Diamond	Nico Landscaping	44.00	44.00	2.5	31.25	0	0	0	33.75	0	76.7%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Northeast Fence & Iron Works, Inc.	381.00	381.00	0	96	0	0	0	96.00	0	25.2%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Tristate Erosion Control, Inc.	112.00	80.00	0	32	0	16	32	48.00	0	60.0%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (Elec)	Bencardino Excavating, Inc.	280.00	280.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	McCarthy Masonry	315.50	315.50	0	8	0	0	0	8.00	0	2.5%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Minahan Construction, Inc.	13.50	13.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Philips Brothers Electrical Contractors Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	A.P. Construction, Inc.	13,879.00	13,879.00	1874.5	0	0	0	0	1,874.50	0	13.5%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	AmeriDrill, Inc.	646.75	646.75	5	0	0	0	0	5.00	0	0.8%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Cocco Contracting Corp.	2,208.00	2,208.00	80	0	0	0	0	80.00	0	3.6%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Cruz Contractors LLC	1,784.00	1,784.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	L Cruz Development, LLC	480.00	480.00	0	480	0	0	0	480.00	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Ram-T Corporation	158.20	158.20	0	158.2	0	0	0	158.20	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Ram-T West Corporation	58.92	58.92	0	58.92	0	0	0	58.92	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Zone Striping Inc.	20.00	20.00	3.5	0	0	0	0	3.50	0	17.5%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	AHJ Construction, LLC	1,332.30	1,332.30	764.8	0	0	0	0	764.80	0	57.4%	1	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	AmeriDrill, Inc.	353.50	353.50	72.5	0	0	0	0	72.50	0	20.5%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Atlantic Concrete Cutting, Inc.	49.00	49.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Extech Coring & Sawing	488.00	488.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	General Sewer Service Inc.	170.00	170.00	10	0	0	0	0	10.00	0	5.9%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Ground Penetration & Restoration, Inc.	3,608.50	3,608.50	0	415	0	0	0	415.00	0	11.5%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	James J. Anderson Construction Co, Inc.	18,309.50	17,963.00	3021.5	2758	0	0	0	5,779.50	0	32.2%	1	0.0%	0	346.5
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Mattiola Services, LLC	15.00	15.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Ram-T West Corporation	232.53	232.53	0	232.53	0	0	0	232.53	0	100.0%	1	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Zone Striping Inc.	175.50	175.50	21.5	0	0	0	0	21.50	0	12.3%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	JPC Group Inc.	802.00	802.00	194.5	0	0	0	0	194.50	0	24.3%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Platinum Scaffolding Services, Inc.	2,084.50	2,084.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Ross-Araco Co	781.00	781.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Frankford Creek Greenway	Atlas Flasher & supply Co Inc.	3.50	3.50	1.75	1.75	0	0	0	3.50	0	100.0%	1	0.0%	0	0
Frankford Creek Greenway	James J. Anderson Construction Co, Inc.	223.50	223.50	0	115.5	0	0	0	115.50	0	51.7%	1	0.0%	0	0
Frankford Creek Greenway	Zone Striping Inc.	9.00	9.00	3	0	0	0	0	3.00	0	33.3%	1	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	A.P. Construction, Inc.	1,223.00	1,223.00	0	569	0	0	0	569.00	0	46.5%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	Athena Contracting Inc.	2,148.50	2,148.50	0	248	0	0	0	248.00	0	11.5%	0	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	BillyBoy Contracting LLC	865.00	865.00	865	0	0	0	0	865.00	0	100.0%	1	0.0%	0	0
Green Infrastructure @ 29th St	Donato Spaventa & Sons Inc.	1,552.00	1,552.00	1192.5	252.5	0	0	0	1,445.00	0	93.1%	1	0.0%	0	0
Green Infrastructure @ 29th St	Nico Landscaping	115.00	115.00	61	37.75	0	0	0	98.75	0	85.9%	1	0.0%	0	0
Green Infrastructure @ 29th St	Nova Crete, Inc.	140.00	96.00	0	74	0	0	0	74.00	0	77.1%	1	0.0%	0	44
Green Infrastructure @ Barringer St	Gessler Construction Co Inc.	7.00	7.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Barringer St	Petrongolo Contractors Inc.	2,039.00	2,039.00	607.5	603	0	0	0	1,210.50	0	59.4%	1	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Aviman Management, LLC	72.00	72.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Gessler Construction Co Inc.	36.00	36.00	0	8	0	0	0	8.00	0	22.2%	0	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Nico Landscaping	136.00	136.00	45.75	67.25	0	0	0	113.00	0	83.1%	1	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Seravalli, Inc.	1,683.50	1,683.50	8	647	0	0	0	655.00	0	38.9%	1	0.0%	0	0
Green Infrastructure @ Hagert Playground	Gessler Construction Co Inc.	3.00	3.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Hagert Playground	Petrongolo Contractors Inc.	942.50	942.50	0	662.5	0	32	0	694.50	0	73.7%	1	0.0%	0	0
Green Infrastructure @ Harrowgate Park	Nico Landscaping	57.50	57.50	0	41.25	0	0	0	41.25	0	71.7%	1	0.0%	0	0
Green Infrastructure @ Lowber Ave	Gessler Construction Co Inc.	12.00	12.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Green Infrastructure @ Lowber Ave	Petrongolo Contractors Inc.	4,636.00	4,636.00	0	3016.5	0	954	0	3,970.50	0	85.6%	1	0.0%	0	0
Green Infrastructure @ Ontario St	Gessler Construction Co Inc.	15.00	15.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Ontario St	Petrongolo Contractors Inc.	4,429.00	4,429.00	2661	1325.5	0	142.5	0	4,129.00	0	93.2%	1	0.0%	0	0
Green Infrastructure @ Seybert St	Donato Spaventa & Sons Inc.	89.00	89.00	31	0	0	0	0	31.00	0	34.8%	1	0.0%	0	0
Green Infrastructure @ Seybert St	Nova Crete, Inc.	32.00	-	0	0	0	0	0	-	0					32
Green Infrastructure @ Seybert St	Townscapes, Inc.	148.00	148.00	0	70	0	0	0	70.00	0	47.3%	1	0.0%	0	0
Green Infrastructure @ W. Colonial St	Petrongolo Contractors Inc.	2,090.00	2,090.00	0	1287	0	204	0	1,491.00	0	71.3%	1	0.0%	0	0
Green Infrastructure @ Westmoreland	Tierra Construction Services LLC	64.00	56.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	8
Green Infrastructure @ Westmoreland	Tony DePaul & Son	248.00	248.00	112	0	0	0	0	112.00	0	45.2%	1	0.0%	0	0
Green Infrastructure @ Wolf St	Carusone Construction Inc.	1,172.50	1,172.50	0	1172.5	0	0	0	1,172.50	0	100.0%	1	0.0%	0	0
Green Infrastructure @ Wolf St	Gessler Construction Co Inc.	34.00	34.00	2	0	0	0	0	2.00	0	5.9%	0	0.0%	0	0
Green Stormwater Infrastructure (Service Contract)	Townscapes, Inc.	113.00	113.00	0	49	0	0	0	49.00	0	43.4%	1	0.0%	0	0
Health Care Center #10	Clearwater Concrete & Masonry, Inc.	64.00	48.00	4	0	0	0	16	4.00	0	8.3%	0	0.0%	0	0
Health Care Center #10	Criniti Construction	64.00	64.00	32	0	0	0	0	32.00	0	50.0%	1	0.0%	0	0
Health Care Center #10	Hyde Electric Corporation	104.00	104.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Murphy Quigley Company, Inc.	28.00	28.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Health Center #5	Mayfield Site Contractors, Inc.	376.00	376.00	146	0	0	0	0	146.00	0	38.8%	1	0.0%	0	0
Health Center #5	Olivieri & Associates, T&G Joint Venture	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	In a Flash Plumbing & Heating Inc.	273.50	273.50	0	129	0	0	0	129.00	0	47.2%	1	0.0%	0	0
Improvements at Engines 8,10,18,19,25	JPC Group Inc.	407.00	407.00	0	32	0	0	0	32.00	0	7.9%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	L Cruz Development, LLC	64.00	64.00	0	64	0	0	0	64.00	0	100.0%	1	0.0%	0	0
Inn Yard Park	Petrongolo Contractors Inc.	12.00	12.00	0	6	0	0	0	6.00	0	50.0%	1	0.0%	0	0
Kensington & Tacony Trail	All Seasons Landscaping Co, Inc.	1,245.00	1,060.00	608	153	0	0	17	761.00	0	71.8%	1	0.0%	0	168
Kensington & Tacony Trail	Apex Services, Inc.	968.00	968.00	0	160	0	0	0	160.00	0	16.5%	0	0.0%	0	0
Kensington & Tacony Trail	Gessler Construction Co Inc.	18.00	18.00	0	2	0	0	0	2.00	0	11.1%	0	0.0%	0	0
Kensington & Tacony Trail	JPC Group Inc.	1,754.50	1,754.50	529.5	0	0	0	0	529.50	0	30.2%	0	0.0%	0	0
Kensington & Tacony Trail	Roma Concrete	96.00	96.00	40	0	0	0	0	40.00	0	41.7%	1	0.0%	0	0
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - general	Jack Pears & Associates, LLC	24.00	24.00	16	0	0	0	0	16.00	0	66.7%	1	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Jack Pears & Associates, LLC	380.00	380.00	340	0	0	0	0	340.00	0	89.5%	1	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	JPC Group Inc.	120.00	120.00	16.5	0	0	0	0	16.50	0	13.8%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
New Chemical Dosing Lines @ Baxter WTP	A.P. Construction, Inc.	184.00	184.00	0	176	0	0	0	176.00	0	95.7%	1	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	Cocco Contracting Corp.	72.00	72.00	40	0	0	0	0	40.00	0	55.6%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (Electrical)	Ground Penetration & Restoration, Inc.	44.00	44.00	0	8	0	0	0	8.00	0	18.2%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	ABC Construction Co., Inc.	1,114.50	1,114.50	60	8	0	0	0	68.00	491	6.1%	0	44.1%	1	0
New Gravity Thickner Facilities @ NEWPCP (General)	R&M Masonry Contractors, Inc.	96.00	96.00	88	0	0	0	0	88.00	0	91.7%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Thomas P. Carney, Inc.	12,904.00	12,904.00	4571	0	0	0	0	4,571.00	0	35.4%	1	0.0%	0	0
New Secondary Conduit @ NEWPCP	Carusone Construction Inc.	1,809.50	1,809.50	876.5	482	0	0	0	1,358.50	0	75.1%	1	0.0%	0	0
New Secondary Conduit @ NEWPCP	Gessler Construction Co Inc.	84.00	84.00	4	8	0	0	0	12.00	0	14.3%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	Mena Construction, Inc.	1,375.50	1,375.50	0	1375.5	0	0	0	1,375.50	0	100.0%	1	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	Cavallo and Son Builders LLC	248.50	248.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	EJ Montgomery Contractors Inc.	80.00	-	0	0	0	0	0	-	0					80
Northeast Incinerator Rehabilitation Phase 5	Milestone Construction Management, Inc.	275.00	275.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northern Liberties Phase II & IV	A.P. Construction, Inc.	213.50	213.50	82	89	0	0	0	171.00	0	80.1%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Northern Liberties Phase V	Carusone Construction Inc.	1,073.50	1,073.50	904.5	0	0	0	0	904.50	0	84.3%	1	0.0%	0	0
Northern Liberties Phase V	Mena Construction, Inc.	158.50	158.50	158.5	0	0	0	0	158.50	0	100.0%	1	0.0%	0	0
On-Call General Construction at Phila Airport	Mason Building Group, Inc.	1,792.00	1,792.00	395	0	0	0	0	395.00	0	22.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Thomas Building Group Inc.	2,029.00	2,029.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	CNS Construction Corp	261.00	261.00	121.5	0	0	0	0	121.50	0	46.6%	1	0.0%	0	0
Passenger Loading Bridges Replacement (General)	D.J. Keating Company	314.00	314.00	20	0	0	0	0	20.00	0	6.4%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	Delaware Valley Cutting Services Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Penn Treaty Park Site Improvements	Nico Landscaping	10.50	10.50	5.25	5.25	0	0	0	10.50	0	100.0%	1	0.0%	0	0
Penn Treaty Park Site Improvements	Pannulla Construction Co., Inc.	1,480.00	1,136.00	0	264	0	272	0	536.00	0	47.2%	1	0.0%	0	344
Penn Treaty Park Site Improvements	Safety Turf Inc.	83.50	83.50	20	0	0	0	0	20.00	0	24.0%	0	0.0%	0	0
Pennypack Park Bridge	JPC Group Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Philadelphia Traffic Operations Center (Electrical)	Bustleton Services, Inc.	68.50	68.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Plant Water System Rehab @ NEWPCP	Athena Contracting Inc.	12.00	12.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Plant Water System Rehab @ NEWPCP	Stone Hill Contracting Co. Inc.	188.00	100.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	88

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Police Training Access Drive	Bencardino Excavating, Inc.	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Realign Taxiway H/ Establish Taxiway EE	DELTA LINE CONSTRUCTION CO	823.50	823.50	250	0	0	0	0	250.00	0	30.4%	0	0.0%	0	0
Realign Taxiway H/ Establish Taxiway EE	Mattiola Services, LLC	8.00	8.00	0	4	0	0	0	4.00	0	50.0%	1	0.0%	0	0
Realign Taxiway H/ Establish Taxiway EE	Tony DePaul & Son	581.50	581.50	24	8	0	0	0	32.00	0	5.5%	0	0.0%	0	0
Realign Taxiway H/ Establish Taxiway EE	Zone Striping Inc.	324.00	324.00	8	60.5	0	0	0	68.50	0	21.1%	0	0.0%	0	0
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Aviman Management, LLC	80.00	80.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Seravalli, Inc.	1,145.00	1,145.00	42.5	311	0	0	0	353.50	0	30.9%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ 10th St	Nello Construction	16.00	16.00	0	12	0	0	0	12.00	0	75.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Gessler Construction Co Inc.	55.00	55.00	0	11	0	0	0	11.00	0	20.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Nello Construction	1,244.00	1,244.00	0	1204	0	0	0	1,204.00	0	96.8%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Ramos & Associates Inc.	60.00	60.00	60	0	0	0	0	60.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Adams Ave	Gessler Construction Co Inc.	66.50	66.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Adams Ave	Seravalli, Inc.	4,616.50	4,616.50	70	1311.5	0	0	0	1,381.50	0	29.9%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Amber St	Carusone Construction Inc.	6,286.50	6,286.50	1776	1405	0	0	0	3,181.00	0	50.6%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewers & Relays @ Amber St	Mena Construction, Inc.	503.00	503.00	397	106	0	0	0	503.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Aviman Management, LLC	56.00	56.00	16	0	0	0	0	16.00	0	28.6%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Gessler Construction Co Inc.	62.00	62.00	0	8	0	0	0	8.00	0	12.9%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Nello Construction	1,480.00	1,480.00	0	1164	0	0	0	1,164.00	0	78.6%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Ramos & Associates Inc.	60.50	60.50	35.5	25	0	0	0	60.50	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Benezet	Allstate Power Vac	203.00	203.00	19	67	0	0	0	86.00	0	42.4%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Benezet	Mattiola Services, LLC	8.50	8.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Benezet	Miniscalco Construction, LLC	444.00	444.00	0	83	0	0	0	83.00	0	18.7%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Carlisle St	Nello Construction	1,883.00	1,883.00	0	1535	0	0	0	1,535.00	0	81.5%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Gessler Construction Co Inc.	90.00	90.00	0	4	0	0	0	4.00	0	4.4%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Petrongolo Contractors Inc.	5,931.00	5,931.00	2587	2658	0	56	0	5,301.00	0	89.4%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Roma Concrete	160.50	120.50	32.5	0	0	0	40	32.50	0	27.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Dauphin St	Gessler Construction Co Inc.	94.00	94.00	0	24	0	0	0	24.00	0	25.5%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Dauphin St	Petrongolo Contractors Inc.	2,078.50	2,078.50	1046.5	1032	0	0	0	2,078.50	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Franklin St	Nello Construction	1,000.00	1,000.00	0	904	0	0	0	904.00	0	90.4%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewers & Relays @ Hanson St	Carusone Construction Inc.	2,481.50	2,481.50	793	227	0	0	0	1,020.00	0	41.1%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Hanson St	Gessler Construction Co Inc.	44.50	44.50	0	6	0	0	0	6.00	0	13.5%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hanson St	Mena Construction, Inc.	265.00	265.00	168	97	0	0	0	265.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Hermitage	Aviman Management, LLC	293.00	293.00	32	0	0	0	0	32.00	0	10.9%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hermitage	Gessler Construction Co Inc.	102.00	102.00	4	2	0	0	0	6.00	0	5.9%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hermitage	Petrongolo Contractors Inc.	4,162.00	4,162.00	1365.5	1592	0	0	0	2,957.50	0	71.1%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Norris St	Carusone Construction Inc.	215.50	215.50	0	215.5	0	0	0	215.50	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Ranstead St	Carusone Construction Inc.	1,134.00	1,134.00	243	383	0	0	0	626.00	0	55.2%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Ranstead St	Mena Construction, Inc.	73.00	73.00	51	22	0	0	0	73.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ S. 61st	Petrongolo Contractors Inc.	7,960.00	7,960.00	2538	4674	0	161	0	7,373.00	0	92.6%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Seltzer St	Carusone Construction Inc.	44.00	44.00	40	4	0	0	0	44.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ W. Loudon St	Carusone Construction Inc.	74.00	74.00	0	74	0	0	0	74.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers @ Lansdowne Ave	JPC Group Inc.	480.50	480.50	13	404.5	0	0	0	417.50	0	86.9%	1	0.0%	0	0
Reconstruction of Sewers @ Stamford St	Petrongolo Contractors Inc.	472.00	472.00	0	401	0	0	0	401.00	0	85.0%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (Elec)	Extech Coring & Sawing	64.00	64.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (Elec)	Ground Penetration & Restoration, Inc.	377.00	377.00	0	345	0	0	0	345.00	0	91.5%	1	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	Hayward Baker	89.50	89.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	Louis Dolente & Sons	24.00	24.00	8	0	0	0	0	8.00	0	33.3%	1	0.0%	0	0
Relay of Water Mains & Abandonment of Water Mains @ Shawmont	JPC Group Inc.	988.50	988.50	323	24.5	0	0	0	347.50	0	35.2%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Gessler Construction Co Inc.	41.50	41.50	8.5	0	0	0	0	8.50	0	20.5%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Nello Construction	4,322.00	4,322.00	0	3526	0	0	0	3,526.00	0	81.6%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Ramos & Associates Inc.	93.00	93.00	68.5	8.5	0	0	0	77.00	0	82.8%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains & Construction of Green Infrastructure @ Glendale St	Seravalli, Inc.	6,749.50	6,749.50	232.5	2435	0	0	0	2,667.50	0	39.5%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Glendale St	Zone Striping Inc.	33.50	33.50	0	5.5	0	0	0	5.50	0	16.4%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Lawrence St	Gessler Construction Co Inc.	36.00	36.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Lawrence St	Nello Construction	3,254.00	3,254.00	0	2938	0	0	0	2,938.00	0	90.3%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Mayfield St	Philip Pio Construction, Inc.	504.50	504.50	89	149	0	0	0	238.00	0	47.2%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Melon St	Carusone Construction Inc.	3,858.00	3,858.00	1161	1829.5	0	0	0	2,990.50	0	77.5%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Melon St	Mena Construction, Inc.	1,265.50	1,265.50	245	1020.5	0	0	0	1,265.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Carusone Construction Inc.	6,849.00	6,849.00	212	2473.5	0	0	0	2,685.50	0	39.2%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Gessler Construction Co Inc.	149.00	149.00	18	7	0	0	0	25.00	0	16.8%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Mena Construction, Inc.	689.50	689.50	0	689.5	0	0	0	689.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains & Reconstruction of Sewers @ Wilder St	Carusone Construction Inc.	1,356.00	1,356.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Slip Lining @ Wissahickon Ave	Gessler Construction Co Inc.	31.00	31.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Slip Lining @ Wissahickon Ave	Miniscalco Corporation	1,117.50	803.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	314.5
Relay of Water Mains @ 9th St	Carusone Construction Inc.	1,267.50	1,267.50	331.5	665.5	0	0	0	997.00	0	78.7%	1	0.0%	0	0
Relay of Water Mains @ 9th St	Gessler Construction Co Inc.	28.00	28.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ 9th St	Mena Construction, Inc.	389.50	389.50	0	389.5	0	0	0	389.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains @ Broad St	A.P. Construction, Inc.	5,380.00	5,380.00	1111	4245	0	0	0	5,356.00	0	99.6%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Athena Contracting Inc.	482.00	482.00	0	187	0	0	0	187.00	0	38.8%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Cocco Contracting Corp.	47.50	47.50	47.5	0	0	0	0	47.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Gessler Construction Co Inc.	16.00	16.00	8	0	0	0	0	8.00	0	50.0%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Sable Construction	317.50	317.50	317.5	0	0	0	0	317.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	Aviman Management, LLC	40.00	40.00	16	0	0	0	0	16.00	0	40.0%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains @ Broad St (East Side)	Gessler Construction Co Inc.	32.00	32.00	4	4	0	0	0	8.00	0	25.0%	0	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	JPC Group Inc.	7,173.50	7,173.50	222.5	5842.5	0	0	0	6,065.00	0	84.5%	1	0.0%	0	0
Relay of Water Mains @ Buist Ave	Gessler Construction Co Inc.	42.00	42.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Buist Ave	Nello Construction	1,515.00	1,515.00	0	1047	0	0	0	1,047.00	0	69.1%	1	0.0%	0	0
Relay of Water Mains @ Conrad	Nello Construction	924.00	924.00	0	680	0	0	0	680.00	0	73.6%	1	0.0%	0	0
Relay of Water Mains @ Coral St	Aviman Management, LLC	168.00	168.00	40	0	0	0	0	40.00	0	23.8%	0	0.0%	0	0
Relay of Water Mains @ Coral St	Gessler Construction Co Inc.	62.50	62.50	0	4.5	0	0	0	4.50	0	7.2%	0	0.0%	0	0
Relay of Water Mains @ Coral St	Nello Construction	1,632.00	1,632.00	0	1400	0	0	0	1,400.00	0	85.8%	1	0.0%	0	0
Relay of Water Mains @ Duval St	Carusone Construction Inc.	2,582.00	2,582.00	369.5	1201	0	0	0	1,570.50	0	60.8%	1	0.0%	0	0
Relay of Water Mains @ Duval St	Gessler Construction Co Inc.	120.00	120.00	0	8	0	0	0	8.00	0	6.7%	0	0.0%	0	0
Relay of Water Mains @ Duval St	Mena Construction, Inc.	2,135.50	2,135.50	107	2028.5	0	0	0	2,135.50	0	100.0%	1	0.0%	0	0
Relay of Water Mains @ E. Mount Airy Ave.	Gessler Construction Co Inc.	97.00	97.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ E. Mount Airy Ave.	Philip Pio Construction, Inc.	2,574.00	2,574.00	172	1475.5	0	0	0	1,647.50	0	64.0%	1	0.0%	0	0
Relay of Water Mains @ former McMichael St	A.P. Construction, Inc.	951.00	805.00	410	49.5	0	0	146	459.50	0	57.1%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains @ former McMichael St	Sable Construction	451.00	451.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Front St	Gessler Construction Co Inc.	24.00	24.00	7	0	0	0	0	7.00	0	29.2%	0	0.0%	0	0
Relay of Water Mains @ Front St	Seravalli, Inc.	6,239.50	6,239.50	0	2470.5	0	0	0	2,470.50	0	39.6%	1	0.0%	0	0
Relay of Water Mains @ Hamilton St	Carusone Construction Inc.	2,377.00	2,377.00	0	206.5	0	0	0	206.50	0	8.7%	0	0.0%	0	0
Relay of Water Mains @ Hamilton St	Gessler Construction Co Inc.	60.00	60.00	8	0	0	0	0	8.00	0	13.3%	0	0.0%	0	0
Relay of Water Mains @ Lakeside Ave	Brightline Construction	111.00	111.00	36	24	0	0	0	60.00	0	54.1%	1	0.0%	0	0
Relay of Water Mains @ Pierce St	Gessler Construction Co Inc.	8.00	8.00	4	0	0	0	0	4.00	0	50.0%	1	0.0%	0	0
Relay of Water Mains @ Pierce St	Petrongolo Contractors Inc.	448.00	448.00	0	302.5	0	0	0	302.50	0	67.5%	1	0.0%	0	0
Relay of Water Mains @ Summerdale Ave	Gessler Construction Co Inc.	158.50	158.50	18.5	7	0	0	0	25.50	0	16.1%	0	0.0%	0	0
Relay of Water Mains @ Summerdale Ave	Philip Pio Construction, Inc.	3,921.00	3,921.00	377.5	1534	0	0	0	1,911.50	0	48.8%	1	0.0%	0	0
Relay of Water Mains @ York St	Gessler Construction Co Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ York St	Petrongolo Contractors Inc.	707.00	707.00	40	603	0	0	0	643.00	0	90.9%	1	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	A.P. Construction, Inc.	392.00	392.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Athena Contracting Inc.	40.00	40.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Replace & Seal Court Access Hatches @ Baxter WTP	BillyBoy Contracting LLC	443.00	443.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Ross-Araco Co	712.00	712.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Sable Construction	252.50	252.50	252.5	0	0	0	0	252.50	0	100.0%	1	0.0%	0	0
Replace & Seal Court Access Hatches @ Baxter WTP	Venture Two Contracting, Inc.	155.00	155.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Bencardino Excavating, Inc.	128.00	128.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Northeast Fence & Iron Works, Inc.	29.00	29.00	0	8.5	0	0	0	8.50	0	29.3%	0	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Ross-Araco Co	1,057.00	1,057.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Torrado Construction	380.00	380.00	64	316	0	0	0	380.00	0	100.0%	1	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Venture Two Contracting, Inc.	160.00	160.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Underdrains @ Baxter WTP	Ross-Araco Co	958.00	958.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Underdrains @ Baxter WTP	Venture Two Contracting, Inc.	62.00	62.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Requirements Contract	Associated Specialty Contracting Inc.	264.50	264.50	5.5	4	56	0	0	65.50	0	24.8%	0	0.0%	0	0
Runway 9R Pier Improvements	AmeriDrill, Inc.	163.50	163.50	38.5	0	0	0	0	38.50	0	23.5%	0	0.0%	0	0
Semi-Annual Service Contract	Carusone Construction Inc.	456.00	456.00	14	418	0	0	0	432.00	0	94.7%	1	0.0%	0	0
Semi-Annual Service Contract	Gessler Construction Co Inc.	16.00	16.00	4	0	0	0	0	4.00	0	25.0%	0	0.0%	0	0
Southwest Plant Chanel Aeration System	Spectraserv Inc.	128.00	128.00	0	112	0	0	0	112.00	0	87.5%	1	0.0%	0	0
Terminal A East Substation Flood Prevention - Mechanical	Jack Pears & Associates, LLC	303.00	303.00	303	0	0	0	0	303.00	0	100.0%	1	0.0%	0	0
Terminal A West Crew Elevator General	A.P. Construction, Inc.	1,473.00	1,473.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator General	Athena Contracting Inc.	471.00	471.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	D.J. Keating Company	157.00	157.00	52	0	0	0	0	52.00	0	33.1%	1	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Dale Construction Co. Inc.	84.00	84.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Trenchless Sewer Rehabilitation	Moblile Dredging & Video Pipe, Inc.	318.00	318.00	147	0	0	0	0	147.00	0	46.2%	1	0.0%	0	0
Trenchless Sewer Rehabilitation	Olivieri & Assoc, Inc.	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Valve Installation for Alternate Supply to Torredale Low Service Pressure	JPC Group Inc.	674.00	674.00	204.5	96	0	0	0	300.50	0	44.6%	1	0.0%	0	0
Water Mains @ Green Lane	Petrongolo Contractors Inc.	1,602.50	1,602.50	762.5	840	0	0	0	1,602.50	0	100.0%	1	0.0%	0	0

Project	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Water Works Park	Nico Landscaping	13.00	13.00	6.5	0	0	0	0	6.50	0	50.0%	1	0.0%	0	0
Water Works Park	Seravalli, Inc.	917.00	917.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Water Works Park	Tierra Construction Services LLC	60.00	60.00	0	8	0	0	0	8.00	0	13.3%	0	0.0%	0	0
Water Works Park	Townscapes, Inc.	222.00	222.00	0	138	0	0	0	138.00	0	62.2%	1	0.0%	0	0
West Philadelphia Library	Criniti Construction	84.00	84.00	60	0	0	0	0	60.00	0	71.4%	1	0.0%	0	0
Wister Playground	Brightline Construction	87.00	87.00	0	24	0	0	0	24.00	0	27.6%	0	0.0%	0	0
Wister Playground	Hyde Electric Corporation	14.00	14.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

TABLE A.14 COUNT AND DISTRIBUTION OF HOURS BY SKILLED HOURS

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
3805 Historic Street Reconstruction & Sewer Restoration 300 American Street	Petrongolo Contractors Inc.	640.00	640.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
3815/Citywide Stairway Rehab Package -1	JPC Group Inc.	256.00	256.00	32	47	0	0	0	79.00	0	30.9%	0	0.0%	0	0
3815/Citywide Stairway Rehab Package -1	Olivieri & Assoc, Inc.	36.50	-	0	0	0	0	0	-	0					36.5
3820 2016-2017 Bituminous Tack Coat (Citywide)	Asphalt Paving Systems, Inc.	249.00	249.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
3820 2016-2017 Bituminous Tack Coat (Citywide)	James J. Anderson Construction Co, Inc.	161.00	161.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
3820 2016-2017 Bituminous Tack Coat (Citywide)	SJA Construction, Inc.	109.75	109.75	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	D.A. Nolt Inc.	17,956.50	17,956.50	3803.75	5275.5	0	0	0	9,079.25	0	50.6%	1	0.0%	0	0
4601 Market	Delaware Valley Crane Rental, Inc.	906.00	906.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	Eagle I Electric, Inc.	48.00	48.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	Graboyes Commercial Window Co.	5,113.00	5,113.00	1173	546	0	0	0	1,719.00	333	33.6%	1	6.5%	0	0
4601 Market	Masonry Preservation Group, Inc.	8,365.50	8,365.50	465	400	0	0	0	865.00	0	10.3%	0	0.0%	0	0
4601 Market	Metal Alliance, Inc.	527.00	527.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	Northeast Mast Climbers	536.00	536.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
4601 Market	R.P Concrete Inc.	2,406.00	2,406.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
4601 Market	Superior Scaffold Services Inc.	416.00	416.00	176	80	0	0	0	256.00	0	61.5%	1	0.0%	0	0
4601 Market	The Gilders Studio, Inc.	240.00	240.00	0	152	0	0	0	152.00	88	63.3%	1	36.7%	1	0
4601 Market	Umoja Erectors LLC	4,987.00	4,987.00	3975	0	0	0	0	3,975.00	0	79.7%	1	0.0%	0	0
61st Sewer Maintenance Facility (Elec)	Lex Electric Co. Inc.	801.00	801.00	56	40	0	0	0	96.00	0	12.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	A.P. Construction, Inc.	3,017.50	3,017.50	451	53	0	23.5	0	527.50	0	17.5%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Allied Environmental	584.25	58.25	0	0	0	0	0	-	0	0.0%	0	0.0%	0	526
61st Sewer Maintenance Facility (GCON)	Athena Contracting Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Bayshore Rebar, Inc.	1,190.50	1,190.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	BillyBoy Contracting LLC	643.00	643.00	244.5	398.5	0	0	0	643.00	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	D'Andrea Brothers Concrete Co, Inc.	3,284.50	3,284.50	621	0	0	0	0	621.00	0	18.9%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	DM Sabia & Co., Inc.	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	EDA Contractors, Inc.	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Ninsa, LLC	25.00	25.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	Sable Construction	40.00	40.00	40	0	0	0	0	40.00	0	100.0%	1	0.0%	0	0
61st Sewer Maintenance Facility (GCON)	XLE Metals, Corp.	378.00	378.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
61st Sewer Maintenance Facility (HVAC)	Precision Air Designs, Inc.	27.25	27.25	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
61st Sewer Maintenance Facility (PLUMB)	Dolan Mechanical, Inc.	638.50	638.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Access Control System (ACS) Upgrade Phase 3	E.J. Electric, Inc.	4,905.50	4,905.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Access Control System Upgrade Phase 2	Armour & Sons Electric, Inc.	46.00	46.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Access Control System Upgrade Phase 1	E.J. Electric, Inc.	28.00	28.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Ammonia System Improvements @ Baxter WTP	Miniscalco Construction, LLC	132.00	132.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Building Control Systems & Services, Inc.	331.00	331.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Delta/BJDS	128.00	72.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	56
Animal Care Improvements	Eagle I Electric, Inc.	481.00	481.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Gracie Painting LLC	40.00	40.00	0	0	0	40	0	40.00	0	100.0%	1	0.0%	0	0
Animal Care Improvements	Healy Long & Jevin, Inc.	88.00	88.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Herman Goldner Co. Inc.	120.00	120.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Meco Construction, Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Pannulla Construction Co., Inc.	192.00	192.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	Radius Systems LLC	121.00	121.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Animal Care Improvements	The Genesio Company	116.00	116.00	48	0	0	0	0	48.00	0	41.4%	1	0.0%	0	0
Asbestos, Lead, and Mold Requirements	Associated Specialty Contracting Inc.	4,760.00	4,760.00	1341	2688	0	0	0	4,029.00	232	84.6%	1	4.9%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Barry Playground Mechanical	Allstates Mechanical, LTD	40.50	40.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Barry Playground Mechanical	Butler Balancing Co., Inc.	9.50	9.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Barry Playground Mechanical	Dominic Garofolo Mechanical, Inc.	61.00	61.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Barry Playground Mechanical	Gracie Painting LLC	48.00	48.00	16	0	0	32	0	48.00	16	100.0%	1	33.3%	1	0
Barry Playground Mechanical	Mulhern Electric Co, Inc.	12.00	12.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Barry Playground Mechanical	Pannulla Construction Co., Inc.	52.00	52.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Belmont Raw Water Basin	JPC Group Inc.	11,899.00	11,899.00	3154.5	56.5	0	0	0	3,211.00	370	27.0%	0	3.1%	0	0
Belmont Raw Water Basin	Olivieri & Assoc, Inc.	542.50	-	0	0	0	0	0	-	0					542.5
Belmont Raw Water Basin	Quincy Contractors Inc.	216.00	216.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Belmont Raw Water Basin	Waterware Corporation	18.00	18.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Ben Franklin Parkway Streetscape	Carr & Duff, Inc.	162.00	-	0	0	0	0	0	-	6					162
Ben Franklin Parkway Streetscape	Tony DePaul & Son	1,895.25	1,895.25	227.25	262.75	0	0	0	490.00	0	25.9%	0	0.0%	0	0
Ben Franklin Parkway Streetscape	Tough Turf, LLC	238.00	238.00	36	0	0	0	0	36.00	0	15.1%	0	0.0%	0	0
Cargo City Landside Pavement Management Program-Phase-1	Tony DePaul & Son	18.50	18.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Cargo City Landside Pavement Management Program Phase 2	Tony DePaul & Son	828.75	828.75	210	171.5	0	0	0	381.50	0	46.0%	1	0.0%	0	0
City Hall - Rm 111	Gambone General Construction	13.00	13.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
City Hall - Rm 111	Milestone Construction Management, Inc.	165.50	165.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
City Hall Council Chambers Ceiling	Materials Conservation Collaborative, LLC	46.50	46.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Electrical Requirements	Mulhern Electric Co, Inc.	23.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	7
Citywide Library, Health Services	General Asphalt Paving Co. of Phila	134.00	134.00	0	32	0	0	0	32.00	0	23.9%	0	0.0%	0	0
Citywide Library, Health Services	Palman Electric, Inc.	443.00	443.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Altino Concrete Construction, LLC	115.88	68.62	0	0	0	0	0	-	0	0.0%	0	0.0%	0	47.26
Citywide Requirement Site improvements	DeSilvio & Co, Inc.	51.00	51.00	0	8	0	0	0	8.00	15	15.7%	0	29.4%	1	0
Citywide Requirement Site improvements	Donato Spaventa & Sons Inc.	1,978.50	1,978.50	0	732.5	0	0	0	732.50	0	37.0%	1	0.0%	0	0
Citywide Requirement Site improvements	Hyde Electric Corporation	106.00	106.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Joe Fisher & Sons Roofing	152.00	152.00	0	16	0	0	0	16.00	0	10.5%	0	0.0%	0	0
Citywide Requirement Site improvements	John McPhillips and Sons	52.00	52.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Metal Alliance, Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Requirement Site improvements	Pro Max Fence Systems, Inc.	26.00	13.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	13
Citywide Requirement Site improvements	Robert Ganter Contractors Inc.	885.00	783.00	114	0	0	0	0	114.00	0	14.6%	0	0.0%	0	102
Citywide Requirement Site improvements	Tamco Construction	96.00	-	0	0	0	0	96	-	0					0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Citywide Site Improvements	Building Restoration Inc.	921.50	921.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Citywide Site Improvements	Nickles Contracting, Inc.	4.50	4.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Electrical	E.J. Electric, Inc.	3,655.00	3,655.00	16	0	0	0	0	16.00	0	0.4%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Aella Industries	77.00	77.00	52	0	0	0	0	52.00	0	67.5%	1	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Brass Roots Insulation	1,184.00	752.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	432
Concourse B HVAC Renovation & Replacement - Mechanical	Dolan Mechanical, Inc.	4,497.00	4,497.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	General Controls Inc.	854.00	854.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Marlyn Sheet Metal, Inc.	1,807.50	1,807.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourse B HVAC Renovation & Replacement - Mechanical	Robert Ganter Contractors Inc.	144.00	112.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	32
Concourse B HVAC Renovation & Replacement - Mechanical	Siemens Industry	239.00	-	0	0	0	0	0	-	0					239
Concourses C & D HVAC Renovation and Replacement	Wescott Electric Company	3,262.00	485.50	0	485.5	0	0	0	485.50	0	100.0%	1	0.0%	0	2776.5
Concourses C & D HVAC Renovation and Replacement Mechanical	Clearwater Concrete & Masonry, Inc.	16.50	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	8.5
Concourses C & D HVAC Renovation and Replacement Mechanical	CM3 Building Solutions Inc.	286.00	286.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Concourses C & D HVAC Renovation and Replacement Mechanical	Criniti Construction	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Edward J. Meloney Inc.	4,249.50	4,249.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	J.Mann-R. Finley, Inc.	75.00	75.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Midatlantic Construction & Design dba Midatlantic Insulation	1,193.00	1,193.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Precision Air Designs, Inc.	1,848.50	1,848.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Concourses C & D HVAC Renovation and Replacement Mechanical	Sioutis Coating Enterprise, Inc.	80.00	80.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Conestoga Playground Electrical	Hyde Electric Corporation	72.00	72.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Conestoga Playground G-Con	Pannulla Construction Co., Inc.	96.00	96.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Conestoga Playground Mechanical	John J. Bee, Inc.	40.00	40.00	40	0	0	0	0	40.00	0	100.0%	1	0.0%	0	0
Conestoga Playground Plumbing	John J. Bee, Inc.	50.00	50.00	40	0	0	0	0	40.00	0	80.0%	1	0.0%	0	0
Construction for the Clearwell Basin @ Baxter WTP (Elec)	Carr & Duff, Inc.	69.00	-	0	0	0	0	0	-	0					69
Construction for the Clearwell Basin @ Baxter WTP (GCON)	JPC Group Inc.	2,066.50	2,066.50	100	114.5	0	0	0	214.50	0	10.4%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Construction of Green Infrastructure @ Haverford Triangle	Petrongolo Contractors Inc.	288.00	288.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Conveyance & Flow Control for Clearwell Basin Replacement @ Baxter WTP	Gessler Construction Co Inc.	24.00	24.00	0	4	0	0	0	4.00	0	16.7%	0	0.0%	0	0
Conveyance & Flow Control for Clearwell Basin Replacement @ Baxter WTP	JPC Group Inc.	364.00	364.00	0	8	0	0	0	8.00	0	2.2%	0	0.0%	0	0
Deicing Apron Pkg. 1	Antigo Construction Inc.	71.50	71.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Deicing Apron Pkg. 1	C.A.D. Electric, Inc.	1,024.00	1,024.00	9	0	0	0	0	9.00	0	0.9%	0	0.0%	0	0
Deicing Apron Pkg. 1	D'Angelo Bros. Co. Inc.	9,568.00	9,568.00	1833	342	0	0	0	2,175.00	314.5	22.7%	0	3.3%	0	0
Deicing Apron Pkg. 1	D.J. Keating Company	190.00	190.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Deicing Apron Pkg. 1	Eagle I Electric, Inc.	4,425.00	4,358.00	349	256	0	0	0	605.00	42	13.9%	0	1.0%	0	67
Deicing Apron Pkg. 1	Giles Cannon	1,037.00	1,037.00	80	0	0	0	0	80.00	0	7.7%	0	0.0%	0	0
Deicing Apron Pkg. 1	Global Aviation Services LLC	305.25	305.25	76	0	0	0	0	76.00	0	24.9%	0	0.0%	0	0
Deicing Apron Pkg. 1	Intelligent Signage Midlantic Inc. dba ISign	7.00	7.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Deicing Apron Pkg. 1	Kobithen Roofing & Insulation Inc.	92.00	92.00	48	0	0	0	0	48.00	0	52.2%	1	0.0%	0	0
Deicing Apron Pkg. 1	MTHT LLC	272.00	272.00	0	32	0	0	0	32.00	0	11.8%	0	0.0%	0	0
Deicing Apron Pkg. 1	Northeast Fence & Iron Works, Inc.	61.00	61.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Deicing Apron Pkg. 1	Pioneer Contracting, Inc.	293.00	293.00	0	45	0	0	0	45.00	0	15.4%	0	0.0%	0	0
Deicing Apron Pkg. 1	Preferred Fire Protection Inc.	37.00	37.00	0	17	0	0	0	17.00	0	45.9%	1	0.0%	0	0
Deicing Apron Pkg. 1	Sons of Steel LLC	928.00	912.00	0	32	554	0	0	586.00	0	64.3%	1	0.0%	0	16
Deicing Apron Pkg. 1	Surety Mechanical Services, Inc.	4,912.50	4,912.50	548.5	0	0	0	0	548.50	0	11.2%	0	0.0%	0	0
Deicing Apron Pkg. 1	Terry Foundation, Inc.	1,342.50	1,342.50	288.5	0	0	0	0	288.50	0	21.5%	0	0.0%	0	0
Deicing Apron Pkg. 1	The Espinosa Group Inc.	6,984.00	3,043.50	977.5	0	0	0	0	977.50	0	32.1%	1	0.0%	0	3940.5
Deicing Apron Pkg. 1	Torrado Construction	1,001.50	951.00	8.5	0	0	0	0	8.50	0	0.9%	0	0.0%	0	50.5
Deicing Apron Pkg. 1	Tri-State Construction Inc.	192.00	192.00	0	24	0	0	0	24.00	0	12.5%	0	0.0%	0	0
Demolition of the Damaged Garage @ 49th St Sewer Maintenance	Paramount Electrical Services LLC	208.00	208.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Fairmount Park	Aviman Management, LLC	361.00	361.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Fairmount Park	Bustleton Services, Inc.	53.50	53.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Fairmount Park	Gessler Construction Co Inc.	2.50	2.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Fairmount Park	JPC Group Inc.	899.00	899.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Canoe House (Electrical)	B&B Lightning Protection	27.50	27.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Canoe House (Electrical)	Coles Mill Construction Co., Inc.	6,034.00	1,833.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	4201
East Park Canoe House (Electrical)	Mulhern Electric Co, Inc.	370.00	109.00	0	8	0	0	0	8.00	0	7.3%	0	0.0%	0	261

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
East Park Canoe House (Electrical)	Murphy Quigley Company, Inc.	485.00	485.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Canoe House (Plumbing)	Dolan Mechanical, Inc.	183.00	183.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	B. Pietrini & Sons	1,060.50	1,060.50	128	0	0	0	0	128.00	17	12.1%	0	1.6%	0	0
East Park Reservoir @ 33rd & Diamond	Buttonwood Company Inc.	100.00	100.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Connelly Construction Corp.	951.50	951.50	64	0	0	0	0	64.00	0	6.7%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	D.J. Keating Company	3,980.50	3,980.50	622	0	0	0	0	622.00	903.5	15.6%	0	22.7%	1	0
East Park Reservoir @ 33rd & Diamond	Eagle I Electric, Inc.	70.00	70.00	8	16	0	0	0	24.00	0	34.3%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	JPC Group Inc.	4,680.00	4,680.00	32	0	64	0	0	96.00	0	2.1%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	LB Construction Enterprises, Inc.	7,573.00	7,573.00	863	3236	0	0	0	4,099.00	0	54.1%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Marona Construction Company	6,592.00	6,592.00	2340	0	0	0	0	2,340.00	0	35.5%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Maxim Crane	3,595.50	3,587.50	942.5	305	0	0	8	1,247.50	0	34.8%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Natgun Corporation Subsidiary of DN Tanks	25,214.00	23,801.00	4403	11053	0	0	49	15,456.00	0	64.9%	1	0.0%	0	1364
East Park Reservoir @ 33rd & Diamond	Northeast Fence & Iron Works, Inc.	285.50	285.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	PBA Construction, Inc.	76.00	76.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Reilly Sweeping Inc.	16.25	16.25	2.25	2	0	0	0	4.25	0	26.2%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
East Park Reservoir @ 33rd & Diamond	Tierra Construction Services LLC	394.50	394.50	394.5	0	0	0	0	394.50	0	100.0%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Towne & Country Roofing and Siding	385.00	385.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond	Winderco, Inc.	64.00	64.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (Elec)	Bencardino Excavating, Inc.	272.00	272.00	0	32	0	0	0	32.00	0	11.8%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (Elec)	Eagle I Electric, Inc.	2,907.00	2,907.00	496	151	0	0	0	647.00	198	22.3%	0	6.8%	0	0
East Park Reservoir @ 33rd & Diamond (Elec)	MJK Electrical Corporation	322.00	322.00	322	0	0	0	0	322.00	0	100.0%	1	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (HVAC)	Cromedy Construction Corporation	211.50	211.50	26	0	16	0	0	42.00	0	19.9%	0	0.0%	0	0
East Park Reservoir @ 33rd & Diamond (Plum)	Kaser Mechanical, LLC	181.00	181.00	69	0	0	0	0	69.00	0	38.1%	1	0.0%	0	0
Electrical Substation Upgrade at Northeast Airport	Philips Brothers Electrical Contractors Inc.	1,175.00	1,175.00	0	10	0	0	0	10.00	0	0.9%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Holder Inc. t/a Donovan Electric	40.00	40.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	McCarthy Masonry	188.00	188.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Minahan Construction, Inc.	14.00	14.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Electrical System Upgrades @ Torresdale Raw WPS	Philips Brothers Electrical Contractors Inc.	4,246.00	4,246.00	0	444	0	0	0	444.00	0	10.5%	0	0.0%	0	0
Emergency Generators (G1, G2, FLV3) Rehabilitation and Electrical Upgrades	Philips Brothers Electrical Contractors Inc.	109.00	109.00	0	16	0	0	0	16.00	0	14.7%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	A.P. Construction, Inc.	15,001.00	15,001.00	57	0	0	1242.5	0	1,299.50	0	8.7%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Allstate Power Vac	56.00	56.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	AmeriDrill, Inc.	121.00	121.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	BillyBoy Contracting LLC	614.50	614.50	614.5	0	0	0	0	614.50	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Carr & Duff, Inc.	6,092.00	186.00	0	0	0	0	0	-	266	0.0%	0	143.0%	1	5906
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Cocco Contracting Corp.	2,864.50	2,864.50	157.5	0	0	0	0	157.50	0	5.5%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Cruz Contractors LLC	2,681.50	2,681.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	L Cruz Development, LLC	992.00	992.00	0	992	0	0	0	992.00	0	100.0%	1	0.0%	0	0
Extend Runway 27L & Associated Taxiways Pkg. 1(Site Preparation, Utilities & Fuel Line Relocation)	Meccon Industries, Inc.	33,151.50	33,151.50	398	1367	0	502	0	2,267.00	145	6.8%	0	0.4%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	ABC Construction Co., Inc.	42.00	42.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	AmeriDrill, Inc.	75.50	75.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	BillyBoy Contracting LLC	1,838.00	1,838.00	1838	0	0	0	0	1,838.00	0	100.0%	1	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Ground Penetration & Restoration, Inc.	8,197.00	8,197.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	James J. Anderson Construction Co, Inc.	15,883.75	14,966.25	238	0	0	0	0	238.00	207.75	1.6%	0	1.4%	0	917.5
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	L & R Construction Co., Inc.	624.00	624.00	24	0	0	0	0	24.00	0	3.8%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Palman Electric, Inc.	9,355.50	9,355.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Extended Runway 27L (27C) & Associated Taxiways Pkg. 2	Terry Foundation, Inc.	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	JPC Group Inc.	9.00	9.00	0	9	0	0	0	9.00	0	100.0%	1	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Platinum Scaffolding Services, Inc.	1,483.50	1,483.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Ross-Araco Co	461.00	461.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Filtered Water Storage Basins @ Belmont WTP	Torrado Construction	24.00	24.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Fire Alarm and Egress Lighting at Firehouses	Hyde Electric Corporation	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Frankford Creek Greenway	James J. Anderson Construction Co, Inc.	96.00	69.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	27
Gate VO1 Upgrades	Carr & Duff, Inc.	16.00	-	0	0	0	0	0	-	0	#DIV/0!				16
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	A.P. Construction, Inc.	2,338.00	2,338.00	72	0	0	0	0	72.00	0	3.1%	0	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	Athena Contracting Inc.	72.00	72.00	8	40	0	0	0	48.00	0	66.7%	1	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	BillyBoy Contracting LLC	8.00	8.00	8	0	0	0	0	8.00	0	100.0%	1	0.0%	0	0
Gorgas Run Stream Restoration & Summit Ave wingwall Rehab	Zavorski Masonry Restoration Inc.	52.00	52.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ 29th St	Donato Spaventa & Sons Inc.	841.50	841.50	179	174	0	0	0	353.00	0	41.9%	1	0.0%	0	0
Green Infrastructure @ 29th St	Nova Crete, Inc.	68.00	68.00	0	38	0	0	0	38.00	0	55.9%	1	0.0%	0	0
Green Infrastructure @ 29th St	Roberson Construction, INC.	58.00	58.00	58	0	0	0	0	58.00	0	100.0%	1	0.0%	0	0
Green Infrastructure @ Barringer St	Gessler Construction Co Inc.	7.00	7.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Barringer St	Petrongolo Contractors Inc.	1,582.00	1,582.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Aviman Management, LLC	232.00	232.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Clearview Community Park	Gessler Construction Co Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Green Infrastructure @ Clearview Community Park	Seravalli, Inc.	1,704.00	1,704.00	13	246	0	0	0	259.00	0	15.2%	0	0.0%	0	0
Green Infrastructure @ Hagert Playground	Gessler Construction Co Inc.	2.00	2.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Hagert Playground	Petrongolo Contractors Inc.	185.00	185.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Lowber Ave	Gessler Construction Co Inc.	8.00	8.00	0	4	0	0	0	4.00	0	50.0%	1	0.0%	0	0
Green Infrastructure @ Lowber Ave	Petrongolo Contractors Inc.	2,209.00	2,209.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Ontario St	Gessler Construction Co Inc.	10.00	10.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Ontario St	Petrongolo Contractors Inc.	3,649.00	3,649.00	147	0	0	0	0	147.00	0	4.0%	0	0.0%	0	0
Green Infrastructure @ Seybert St	Carr & Duff, Inc.	107.00	25.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	82
Green Infrastructure @ Seybert St	Donato Spaventa & Sons Inc.	108.00	108.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ W. Colonial St	Petrongolo Contractors Inc.	509.50	509.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Westmoreland	Tony DePaul & Son	252.25	252.25	0	35.75	0	0	0	35.75	0	14.2%	0	0.0%	0	0
Green Infrastructure @ Wolf St	Carusone Construction Inc.	1,483.00	1,483.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Green Infrastructure @ Wolf St	Gessler Construction Co Inc.	18.00	18.00	0	4	0	0	0	4.00	0	22.2%	0	0.0%	0	0
Health Care Center #10	Aerdux Inc.	5.50	5.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Clearwater Concrete & Masonry, Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Criniti Construction	64.00	64.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Health Care Center #10	Hyde Electric Corporation	372.00	372.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Liberty Roofing	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Care Center #10	Murphy Quigley Company, Inc.	1,208.00	1,208.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Center #5	Mayfield Site Contractors, Inc.	128.00	128.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Center #5	Olivieri & Associates, T&G Joint Venture	12.00	12.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Center #5	Pullman SST, Inc.	981.00	981.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Health Center #5 Roof Replacement	McMullen Roofing, Inc.	48.00	48.00	0	16	0	0	0	16.00	0	33.3%	1	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	AAA Sheet Metal, Inc.	41.00	41.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	Bradley-Sciocchetti, Inc.	70.00	70.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	Dolan Mechanical, Inc.	48.00	48.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Prison Warehouse Roof Replacement	Robert Ganter Contractors Inc.	194.00	150.00	116	26	0	0	0	142.00	16	94.7%	1	10.7%	1	44
Holmesburg Prison Warehouse Roof Replacement	Sioutis Coating Enterprise, Inc.	43.61	21.50	0	0	0	0	22.11	-	0	0.0%	0	0.0%	0	0
Holmesburg Warehouse	Affordable Fire Protection, Inc.	232.00	232.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Holmesburg Warehouse	Fidelity Burglar & Fire Alarm Co.	115.70	115.70	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
HVAC System Upgrade @ Queen Lane WTP	Devine Brothers, Inc.	105.00	105.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
HVAC System Upgrade @ Queen Lane WTP	McGoldrick Electric, INC	182.00	-	0	0	0	0	0	-	0					182
Improvements at Engines 8,10,18,19,25	Bradley-Sciocchetti, Inc.	56.00	56.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	Eagle I Electric, Inc.	4,041.00	2,900.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	1141
Improvements at Engines 8,10,18,19,25	In a Flash Plumbing & Heating Inc.	318.00	318.00	0	12	0	0	0	12.00	0	3.8%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	Jlynn, LLC	1,271.50	1,231.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	40
Improvements at Engines 8,10,18,19,25	JPC Group Inc.	290.00	290.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	L Cruz Development, LLC	208.00	208.00	0	208	0	0	0	208.00	0	100.0%	1	0.0%	0	0
Improvements at Engines 8,10,18,19,25	Midatlantic Construction & Design dba Midatlantic Insulation	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	MJK Electrical Corporation	215.00	215.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	Precision Air Designs, Inc.	9.25	9.25	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Improvements at Engines 8,10,18,19,25	R & R Ceilings, Inc.	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Inn Yard Park	Petrongolo Contractors Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Kensington & Tacony Trail	All Seasons Landscaping Co, Inc.	8.00	8.00	0	8	0	0	0	8.00	0	100.0%	1	0.0%	0	0
Kensington & Tacony Trail	Apex Services, Inc.	464.00	464.00	0	304	0	0	0	304.00	0	65.5%	1	0.0%	0	0
Kensington & Tacony Trail	BillyBoy Contracting LLC	40.50	40.50	40.5	0	0	0	0	40.50	0	100.0%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Kensington & Tacony Trail	Gessler Construction Co Inc.	24.00	24.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Kensington & Tacony Trail	JPC Group Inc.	2,829.00	2,829.00	0	0	122	0	0	122.00	0	4.3%	0	0.0%	0	0
Kensington & Tacony Trail	Roma Concrete	96.00	72.00	24	0	0	0	24	24.00	0	33.3%	1	0.0%	0	0
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - general	Palmer Waterproofing, Inc.	85.00	85.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - mechanical	Devine Brothers, Inc.	177.00	177.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Limited Acoustical Upgrades at Fort Mifflin on the Delaware - mechanical	McGoldrick Electric, INC	64.00	-	0	0	0	0	0	-	0					64
Mechanical Requirements Contract FY 2016	Devine Brothers, Inc.	900.50	884.50	48	0	0	0	0	48.00	0	5.4%	0	0.0%	0	16
Mechanical Room 9 Air Handling Unit Replacement - Electrical	Palman Electric, Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Hankinson & Koehler Inc.	2,503.25	2,503.25	0	20	0	0	0	20.00	0	0.8%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	JPC Group Inc.	583.50	583.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Mara Restoration Inc.	60.00	60.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Paramount Electrical Services LLC	264.00	264.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	Stenton Corporation	28.00	28.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Metal Siding Panel Removal & Replacement @ Torresdale Filtered WPS	US Plate & Mirros, Inc. dba US Glass & Metal, Inc.	52.00	52.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
NE Rehabilitation Phase-5 Plumbing/Fire	Dolan Mechanical, Inc.	1,230.50	1,230.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	A.P. Construction, Inc.	158.50	158.50	89	0	0	0	0	89.00	0	56.2%	1	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	Cocco Contracting Corp.	168.00	168.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	Eagle I Electric, Inc.	20.00	20.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
New Chemical Dosing Lines @ Baxter WTP	Walker Diving Underwater Construction LLC	72.00	72.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (Electrical)	Ground Penetration & Restoration, Inc.	80.00	80.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (Electrical)	Palman Electric, Inc.	8,048.00	8,048.00	357.5	0	0	0	0	357.50	357.5	4.4%	0	4.4%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	ABC Construction Co., Inc.	1,468.00	1,468.00	8	0	0	0	0	8.00	40	0.5%	0	2.7%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Crawford Caulking Co.	58.00	58.00	4	0	0	0	0	4.00	0	6.9%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	L & R Construction Co., Inc.	5,447.00	5,447.00	378	35	0	0	0	413.00	0	7.6%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
New Gravity Thickner Facilities @ NEWPCP (General)	R&M Masonry Contractors, Inc.	212.00	212.00	8	0	0	0	0	8.00	0	3.8%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Rickborn Industrial Services & Erectors Inc.	2,265.50	1,793.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	472
New Gravity Thickner Facilities @ NEWPCP (General)	Thackray Crane Rental	550.00	550.00	0	240	0	0	0	240.00	0	43.6%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Thomas P. Carney, Inc.	27,791.50	27,791.50	2970	120	0	0	0	3,090.00	0	11.1%	0	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Tri-State Painting & Wallcovering Inc.	92.00	92.00	0	46	0	0	0	46.00	0	50.0%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (General)	Union Roofing Contractors, Inc.	52.00	52.00	0	32	0	0	0	32.00	0	61.5%	1	0.0%	0	0
New Gravity Thickner Facilities @ NEWPCP (Plumbing)	Surety Mechanical Services, Inc.	431.50	431.50	21	0	0	0	0	21.00	0	4.9%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	C & H Industrial Services Inc.	598.00	460.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	138
New Secondary Conduit @ NEWPCP	Carusone Construction Inc.	3,148.50	3,148.50	0	68.5	0	0	0	68.50	0	2.2%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	Gessler Construction Co Inc.	34.00	34.00	0	3	0	0	0	3.00	0	8.8%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	L & R Construction Co., Inc.	705.00	705.00	79	12.5	0	0	0	91.50	0	13.0%	0	0.0%	0	0
New Secondary Conduit @ NEWPCP	Palman Electric, Inc.	1,933.50	1,933.50	249	0	0	0	0	249.00	249	12.9%	0	12.9%	1	0
Northeast Incinerator Rehabilitation Phase 5	EJ Montgomery Contractors Inc.	88.00	-	0	0	0	0	0	-	0					88

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Northeast Incinerator Rehabilitation Phase 5	Gambone General Construction	304.00	304.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	Milestone Construction Management, Inc.	209.00	209.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northeast Incinerator Rehabilitation Phase 5	Umoja Erectors LLC	432.00	432.00	328	0	0	0	0	328.00	0	75.9%	1	0.0%	0	0
Northern Liberties Phase II & IV	A.P. Construction, Inc.	143.50	143.50	74.5	0	0	0	0	74.50	0	51.9%	1	0.0%	0	0
Northern Liberties Phase II & IV	Cocco Contracting Corp.	33.50	33.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northern Liberties Phase II & IV	Nucero Electrical Construction Co., Inc.	53.00	53.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Northern Liberties Phase V	Carusone Construction Inc.	408.50	408.50	0	192	0	0	0	192.00	0	47.0%	1	0.0%	0	0
On-Call All Clients City-Wide	General Asphalt Paving Co. of Phila	254.50	254.50	12	0	0	0	0	12.00	0	4.7%	0	0.0%	0	0
On-Call All Clients Citywide G-Con	Palman Electric, Inc.	67.00	67.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call City Wide Parks & Recreation Facilities	General Asphalt Paving Co. of Phila	113.50	113.50	14	0	0	0	0	14.00	0	12.3%	0	0.0%	0	0
On-Call City Wide Parks & Recreation Facilities	Palman Electric, Inc.	994.50	994.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call Fire, Police, Prisons, Public Properties City Wide	General Asphalt Paving Co. of Phila	472.00	472.00	54	0	0	0	0	54.00	0	11.4%	0	0.0%	0	0
On-Call Fire, Police, Prisons, Public Properties City Wide	Schleig Electric Inc.	3,208.00	3,208.00	542	0	0	0	0	542.00	0	16.9%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
On-Call General Construction at Phila Airport	American Overhead Door & Dock Inc.	30.00	30.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Mason Building Group, Inc.	10,931.00	10,931.00	376	1839	0	0	0	2,215.00	0	20.3%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Nesmith & Company	2,506.00	2,506.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Roman Mosaic & Tile Company	230.00	230.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Thomas Building Group Inc.	2,313.00	2,313.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On-Call General Construction at Phila Airport	Thomas Company	178.00	178.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On Call General Construction Requirements	Roma Steel Erection Inc.	133.00	133.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
On Call Mechanical	Surety Mechanical Services, Inc.	8,419.50	8,419.50	971.5	0	0	0	0	971.50	0	11.5%	0	0.0%	0	0
On Call Mechanical	Thomas Company	2,492.50	2,492.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (Electrical)	Mulhern Electric Co, Inc.	2,028.00	-	0	0	0	0	0	-	0					2028
Passenger Loading Bridges Replacement (General)	Buttonwood Company Inc.	44.00	44.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	Charles H. MacDonald Electric, Inc.	2,413.00	2,413.00	1423.5	0	0	0	0	1,423.50	0	59.0%	1	0.0%	0	0
Passenger Loading Bridges Replacement (General)	CNS Construction Corp	729.00	729.00	76	0	0	0	0	76.00	0	10.4%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Passenger Loading Bridges Replacement (General)	D.J. Keating Company	623.00	623.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	Ellioitt-Lewis Corporation	5,913.50	5,017.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	896
Passenger Loading Bridges Replacement (General)	Sautter Crane Rental Inc.	317.50	309.50	0	65	0	0	8	65.00	0	21.0%	0	0.0%	0	0
Passenger Loading Bridges Replacement (General)	Watercontrol Services Inc.	19.00	19.00	0	8	0	0	0	8.00	0	42.1%	1	0.0%	0	0
Penn Treaty Park Site Improvements	Pannulla Construction Co., Inc.	228.00	228.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Pennypack Park Bridge	JPC Group Inc.	944.00	944.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Philadelphia Traffic Operations Center (Electrical)	Carr & Duff, Inc.	346.50	-	0	0	0	0	0	-	0					346.5
Philadelphia Traffic Operations Center (Electrical)	Structured Cable Solutions Inc.	19.00	19.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Plant Water System Rehab @ NEWPCP	Athena Contracting Inc.	134.00	134.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Plant Water System Rehab @ NEWPCP	Nucero Electrical Construction Co., Inc.	1,534.00	1,534.00	337	0	0	0	0	337.00	0	22.0%	0	0.0%	0	0
Plant Water System Rehab @ NEWPCP	Stone Hill Contracting Co. Inc.	631.50	543.50	0	0	0	0	72	-	0	0.0%	0	0.0%	0	16
Police Training Access Drive	Bencardino Excavating, Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Police Training Access Drive	Carr & Duff, Inc.	26.00	-	0	0	0	0	0	-	0					26
Realign Taxiway H/ Establish Taxiway EE	DELTA LINE CONSTRUCTION CO	990.00	844.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	146
Realign Taxiway H/ Establish Taxiway EE	Tony DePaul & Son	964.50	964.50	128.5	140.5	0	0	0	269.00	0	27.9%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Aviman Management, LLC	224.00	224.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Seravalli, Inc.	866.50	866.50	8	41.5	0	0	0	49.50	0	5.7%	0	0.0%	0	0
Reconstruction of Sewer Laterals & Sewer Joints Grouting @ Deacon St	Serco, Inc.	41.00	41.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ 10th St	Nello Construction	4.00	4.00	0	4	0	0	0	4.00	0	100.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Gessler Construction Co Inc.	22.00	22.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Nello Construction	1,752.00	1,752.00	124	1540	0	0	0	1,664.00	0	95.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Abbottsford Rd	Ramos & Associates Inc.	111.00	111.00	68	0	0	0	0	68.00	9.5	61.3%	1	8.6%	1	0
Reconstruction of Sewers & Relays @ Adams Ave	Gessler Construction Co Inc.	26.50	26.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Adams Ave	Seravalli, Inc.	4,724.00	4,724.00	80.5	504.5	0	0	0	585.00	0	12.4%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Adams Ave	Serco, Inc.	489.00	489.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Amber St	Carusone Construction Inc.	5,025.50	5,025.50	0	669.5	0	0	0	669.50	0	13.3%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Aviman Management, LLC	152.00	152.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Gessler Construction Co Inc.	22.00	22.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Beaumont St	Nello Construction	998.00	998.00	178	556	0	0	0	734.00	0	73.5%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewers & Relays @ Beaumont St	Ramos & Associates Inc.	89.00	89.00	48.5	0	0	0	0	48.50	0	54.5%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Benezet	Allstate Power Vac	72.50	72.50	0	11	0	0	0	11.00	0	15.2%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Benezet	Miniscalco Construction, LLC	200.50	200.50	0	0	0	0	0	-	24	0.0%	0	12.0%	1	0
Reconstruction of Sewers & Relays @ Carlisle St	Nello Construction	1,966.00	1,966.00	118	1808	0	0	0	1,926.00	0	98.0%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Gessler Construction Co Inc.	37.50	37.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Petrongolo Contractors Inc.	2,363.00	2,363.00	418.5	0	0	0	0	418.50	0	17.7%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Conestoga	Roma Concrete	386.00	378.00	64.5	0	0	0	8	64.50	0	17.1%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Dauphin St	Gessler Construction Co Inc.	50.00	50.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Dauphin St	Petrongolo Contractors Inc.	1,042.50	1,042.50	473.5	0	0	0	0	473.50	0	45.4%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Franklin St	Nello Construction	1,051.00	1,051.00	119	916	0	0	0	1,035.00	0	98.5%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Hanson St	Carusone Construction Inc.	1,358.00	1,358.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hanson St	Gessler Construction Co Inc.	30.50	30.50	0	6	0	0	0	6.00	0	19.7%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hermitage	Aviman Management, LLC	793.00	782.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	10.5
Reconstruction of Sewers & Relays @ Hermitage	Gessler Construction Co Inc.	37.00	37.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Hermitage	Petrongolo Contractors Inc.	2,464.50	2,464.50	98	0	0	0	0	98.00	0	4.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Reconstruction of Sewers & Relays @ Norris St	Carusone Construction Inc.	544.00	544.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ Ranstead St	Carusone Construction Inc.	580.00	580.00	0	32	0	0	0	32.00	0	5.5%	0	0.0%	0	0
Reconstruction of Sewers & Relays @ S. 61st	Petrongolo Contractors Inc.	1,458.50	1,458.50	593.5	0	0	0	0	593.50	0	40.7%	1	0.0%	0	0
Reconstruction of Sewers & Relays @ Seltzer St	Carusone Construction Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Reconstruction of Sewers @ Lansdowne Ave	JPC Group Inc.	197.00	197.00	44	145	0	0	0	189.00	0	95.9%	1	0.0%	0	0
Reconstruction of Sewers @ Stamford St	Petrongolo Contractors Inc.	157.00	157.00	40	0	0	0	0	40.00	0	25.5%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (Elec)	E.J. Electric, Inc.	5,648.00	5,648.00	920.5	0	0	0	0	920.50	0	16.3%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (Elec)	Ground Penetration & Restoration, Inc.	477.00	477.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	C & H Industrial Services Inc.	1,495.50	1,057.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	438
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	Hayward Baker	318.00	318.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Rehabilitation of Mechanical & Electrical Systems @ Central Schuylkill Pumping Station (GCON)	Louis Dolente & Sons	50.00	50.00	8.5	0	0	0	0	8.50	0	17.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains & Abandonment of Water Mains @ Shawmont	JPC Group Inc.	330.50	330.50	8	0	0	0	0	8.00	0	2.4%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Gessler Construction Co Inc.	31.50	31.50	6.5	0	0	0	0	6.50	0	20.6%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Nello Construction	3,520.00	3,520.00	280	3156	0	0	0	3,436.00	0	97.6%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Ellsworth St	Ramos & Associates Inc.	201.50	201.50	16	0	0	42.5	0	58.50	0	29.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Glendale St	Seravalli, Inc.	6,762.00	6,762.00	591.5	934.5	0	0	0	1,526.00	0	22.6%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Glendale St	Serco, Inc.	546.00	546.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Hope St	Carusone Construction Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Lawrence St	Gessler Construction Co Inc.	20.00	20.00	0	4	0	0	0	4.00	0	20.0%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Lawrence St	Nello Construction	2,578.00	2,578.00	282	1408	0	0	0	1,690.00	0	65.6%	1	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains & Construction of Green Infrastructure @ Mayfield St	Philip Pio Construction, Inc.	177.50	177.50	0	97	0	0	0	97.00	0	54.6%	1	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Melon St	Carusone Construction Inc.	1,821.00	1,821.00	0	223	0	0	0	223.00	0	12.2%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Carusone Construction Inc.	3,645.50	3,645.50	0	124	0	0	0	124.00	0	3.4%	0	0.0%	0	0
Relay of Water Mains & Construction of Green Infrastructure @ Wynnefield Ave	Gessler Construction Co Inc.	60.00	60.00	0	7	0	0	0	7.00	0	11.7%	0	0.0%	0	0
Relay of Water Mains & Reconstruction of Sewers @ Wilder St	Carusone Construction Inc.	342.00	342.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains & Slip Lining @ Wissahickon Ave	Gessler Construction Co Inc.	25.50	25.50	0	4	0	0	0	4.00	0	15.7%	0	0.0%	0	0
Relay of Water Mains & Slip Lining @ Wissahickon Ave	Miniscalco Corporation	383.00	383.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ 9th St	Carusone Construction Inc.	573.50	573.50	0	304	0	0	0	304.00	0	53.0%	1	0.0%	0	0
Relay of Water Mains @ 9th St	Gessler Construction Co Inc.	17.00	17.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Broad St	A.P. Construction, Inc.	4,695.00	4,695.00	75.5	1110.5	0	12.5	0	1,198.50	0	25.5%	0	0.0%	0	0
Relay of Water Mains @ Broad St	Athena Contracting Inc.	206.00	206.00	0	77.5	0	0	0	77.50	0	37.6%	1	0.0%	0	0
Relay of Water Mains @ Broad St	Cocco Contracting Corp.	969.00	969.00	9	102	0	0	0	111.00	0	11.5%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains @ Broad St	Gessler Construction Co Inc.	16.00	16.00	0	8	0	0	0	8.00	0	50.0%	1	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	Aviman Management, LLC	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	Gessler Construction Co Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Broad St (East Side)	JPC Group Inc.	4,417.00	4,417.00	1024.5	2255	0	0	0	3,279.50	0	74.2%	1	0.0%	0	0
Relay of Water Mains @ Buist Ave	Gessler Construction Co Inc.	29.00	29.00	0	8	0	0	0	8.00	0	27.6%	0	0.0%	0	0
Relay of Water Mains @ Buist Ave	Nello Construction	1,413.00	1,413.00	143	1170	0	0	0	1,313.00	0	92.9%	1	0.0%	0	0
Relay of Water Mains @ Conrad	Nello Construction	507.00	507.00	48	371	0	0	0	419.00	0	82.6%	1	0.0%	0	0
Relay of Water Mains @ Coral St	Aviman Management, LLC	391.00	391.00	40	0	0	0	0	40.00	0	10.2%	0	0.0%	0	0
Relay of Water Mains @ Coral St	Gessler Construction Co Inc.	20.50	20.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Coral St	Nello Construction	1,102.00	1,102.00	172	586	0	0	0	758.00	0	68.8%	1	0.0%	0	0
Relay of Water Mains @ Duval St	Allstate Power Vac	46.00	46.00	0	23	0	0	0	23.00	0	50.0%	1	0.0%	0	0
Relay of Water Mains @ Duval St	Carusone Construction Inc.	2,670.50	2,670.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Duval St	Gessler Construction Co Inc.	64.00	64.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ E. Mount Airy Ave.	Gessler Construction Co Inc.	67.00	67.00	0	13.5	0	0	0	13.50	0	20.1%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Relay of Water Mains @ E. Mount Airy Ave.	Philip Pio Construction, Inc.	1,316.00	1,316.00	0	232	0	0	0	232.00	0	17.6%	0	0.0%	0	0
Relay of Water Mains @ former McMichael St	A.P. Construction, Inc.	2,793.00	2,793.00	45	0	0	5.5	0	50.50	0	1.8%	0	0.0%	0	0
Relay of Water Mains @ Front St	Gessler Construction Co Inc.	7.00	7.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Front St	Seravalli, Inc.	6,027.50	6,027.50	244	299.5	0	0	0	543.50	0	9.0%	0	0.0%	0	0
Relay of Water Mains @ Front St	Serco, Inc.	1,235.00	1,235.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Hamilton St	Carusone Construction Inc.	1,126.00	1,126.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Hamilton St	Gessler Construction Co Inc.	24.00	24.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Lakeside Ave	Brightline Construction	196.00	196.00	24.5	0	0	0	0	24.50	0	12.5%	0	0.0%	0	0
Relay of Water Mains @ Pierce St	Gessler Construction Co Inc.	12.00	12.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Pierce St	Petrongolo Contractors Inc.	216.50	216.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ Summerdale Ave	Gessler Construction Co Inc.	90.50	90.50	9.5	0	0	0	0	9.50	0	10.5%	0	0.0%	0	0
Relay of Water Mains @ Summerdale Ave	Philip Pio Construction, Inc.	2,102.50	2,102.50	0	524	0	0	0	524.00	0	24.9%	0	0.0%	0	0
Relay of Water Mains @ York St	Gessler Construction Co Inc.	8.00	8.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Relay of Water Mains @ York St	Petrongolo Contractors Inc.	248.00	248.00	40	0	0	0	0	40.00	0	16.1%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Replace & Seal Court Access Hatches @ Baxter WTP	A.P. Construction, Inc.	332.00	332.00	332	0	0	0	0	332.00	0	100.0%	1	0.0%	0	0
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Bencardino Excavating, Inc.	32.00	32.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Mulhern Electric Co, Inc.	3,942.00	2,185.50	0	616	0	0	0	616.00	0	28.2%	0	0.0%	0	1756.5
Replacement of 15KV & 2.4KV Switchgear and b/u Generator @ East Oak Lane Fresh WPS	Northeast Fence & Iron Works, Inc.	8.50	8.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Ross-Araco Co	525.00	525.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Replacement of Filter Under Drains & Media @ Belmont WTP	Torrado Construction	802.00	802.00	88	0	0	0	0	88.00	0	11.0%	0	0.0%	0	0
Replacement of Filter Underdrains @ Baxter WTP	A.P. Construction, Inc.	4.00	4.00	4	0	0	0	0	4.00	0	100.0%	1	0.0%	0	0
Requirements Contract	Associated Specialty Contracting Inc.	2,377.00	2,377.00	243.5	0	0	0	0	243.50	0	10.2%	0	0.0%	0	0
Runway 9R Pier Improvements	AmeriDrill, Inc.	58.50	58.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Runway 9R Pier Improvements	Atlantic Subsea Inc.	6,446.00	6,446.00	0	592	0	0	0	592.00	0	9.2%	0	0.0%	0	0
Runway 9R Pier Improvements	L & R Construction Co., Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Runway 9R Pier Improvements	RCR Electrical Contractors Inc.	2,612.00	2,612.00	90	0	0	0	0	90.00	0	3.4%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Semi-Annual Service Contract	Carusone Construction Inc.	535.50	535.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Semi-Annual Service Contract	Gessler Construction Co Inc.	12.00	8.00	0	4	0	0	0	4.00	0	50.0%	1	0.0%	0	4
Simpson Recreation Center	Ramos & Associates Inc.	797.00	797.00	0	392	0	0	0	392.00	0	49.2%	1	0.0%	0	0
Simpson Recreation Center	Robert Ganter Contractors Inc.	752.50	433.00	194.5	72	0	0	0	266.50	0	61.5%	1	0.0%	0	319.5
Simpson Recreation Center	Schneider Restoration Inc.	1,224.00	1,224.00	286	0	0	0	0	286.00	0	23.4%	0	0.0%	0	0
Simpson Recreation Center	Sioutis Coating Enterprise, Inc.	67.71	47.47	0	0	0	0	20.24	-	0	0.0%	0	0.0%	0	0
Stephen Girard House	Kurtz Construction Co	66.00	66.00	25	0	0	0	0	25.00	0	37.9%	1	0.0%	0	0
Storm Drain Outfall @ NEWPCP	Carusone Construction Inc.	96.00	96.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Structural Work at Engine 3,69,71,72	Kaser Mechanical, LLC	21.00	21.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A East Substation Flood Prevention - Electrical	Mulhern Electric Co, Inc	1,849.00	315.00	64	0	0	0	0	64.00	0	20.3%	0	0.0%	0	1534
Terminal A East Substation Flood Prevention - Mechanical	Carr & Duff, Inc.	97.00	-	0	0	0	0	0	-	0					97
Terminal A East Substation Flood Prevention - Mechanical	Oliver Fire Protection & Security	454.00	454.00	0	2	0	0	0	2.00	0	0.4%	0	0.0%	0	0
Terminal A East Substation Flood Prevention - Mechanical	Seravalli, Inc.	453.00	453.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A East Substation Flood Prevention - Mechanical	Serco, Inc.	204.00	204.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator Electrical	Armour & Sons Electric, Inc.	393.00	393.00	24	0	0	0	0	24.00	0	6.1%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Terminal A West Crew Elevator General	A.P. Construction, Inc.	320.00	320.00	252	0	0	0	0	252.00	0	78.8%	1	0.0%	0	0
Terminal A West Crew Elevator General	Athena Contracting Inc.	410.50	410.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator General	Audubon Environmental Inc.	25.50	25.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator General	Lake Glenn Enterprises, Inc.	129.50	129.50	129.5	0	0	0	0	129.50	0	100.0%	1	0.0%	0	0
Terminal A West Crew Elevator General	M. Schnoll & Sons, Inc.	8.00	8.00	8	0	0	0	0	8.00	0	100.0%	1	0.0%	0	0
Terminal A West Crew Elevator General	PBA Construction, Inc.	112.00	112.00	8	0	0	0	0	8.00	0	7.1%	0	0.0%	0	0
Terminal A West Crew Elevator General	Total Access	171.50	171.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator Mechanical	Oliver Fire Protection & Security	26.00	26.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator Mechanical	Surety Mechanical Services, Inc.	152.00	152.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal A West Crew Elevator Mechanical	Thomas Company	90.00	90.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminal c, C HH & D Roof Replacement	Kobithen Roofing & Insulation Inc.	8,582.50	8,582.50	84.5	460	0	0	0	544.50	0	6.3%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 Mechanical	Edward J. Meloney Inc.	88.00	88.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 Mechanical	Marlyn Sheet Metal, Inc.	268.00	268.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0

Project Name	Contractor	Total	Total - NS	African American	Hispanic	Asian	Native American	Other	All Minority	Female	Minority %	Met Minority Goal	% Female	Met Female Goal	Not Specified
Terminals D, E, F Restroom Renovations Phase 2 Mechanical	Midatlantic Construction & Design dba Midatlantic Insulation	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 Plumbing	Five Star, Inc.	937.50	937.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 Plumbing	Oliver Fire Protection & Security	93.00	93.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Airport Construction Services LLC	6,290.50	6,290.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Buttonwood Company Inc.	33.00	33.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Creative Surfaces, Inc.	88.00	88.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	D.J. Keating Company	58.00	58.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Dale Construction Co. Inc.	16.00	16.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	E.J. Electric, Inc.	1,759.50	1,759.50	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	Eastern Solar Glass	144.00	144.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0
Terminals D, E, F Restroom Renovations Phase 2 General	PBA Construction, Inc.	475.00	475.00	0	0	0	0	0	-	0	0.0%	0	0.0%	0	0