Request for Proposals (RFP)
Gifford Playground Renovations
575 Tomlinson Road, Philadelphia, PA 19116
December 20, 2018
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Application Process

On behalf of the City of Philadelphia ("City"), the Philadelphia Redevelopment Authority ("PRA") is pleased to issue this Request for Proposals ("RFP") for qualified prime contractors (each, an "Applicant" and together, the "Applicants") for Gifford Playground Renovation project located at 575 Tomlinson Road, Philadelphia, PA 19116. This project is part of the City’s Rebuilding Community Infrastructure Program ("Rebuild").

Submission Deadline

Applicants must submit a response/proposal (a "Response") no later than January 24, 2019 at 3:00 PM; absolutely no Response will be accepted after that time.

Mandatory Pre-Bid Meeting

All Applicants must attend the mandatory pre-bid meeting at Gifford Playground, 575 Tomlinson Road, Philadelphia, PA 19116 at 10:00 A.M. on January 10, 2019.

The names and contact information for all attendees at the pre-bid meeting will be posted on PRA’s website as public information within a few days of the pre-bid meeting.

Questions/Requests for Additional Information

PRA will accept questions and requests for additional information directed in writing to RFP@pra.phila.gov up to 3 PM on January 14, 2019. Questions, responses, and additional information will be posted on the PRA Website within 3 business days of this date.

Related Parties

Applicants may submit only one Response to this RFP. Individuals or businesses that are legally related to each other or to a common entity may not submit separate Responses. The PRA and City, in their sole and absolute discretion, retain the right to reject any Response where:

1. Applicants or principals of Applicants are substantially similar or substantially related parties; or;
2. The PRA and City have determined that the Applicant has violated these conditions or the spirit of these conditions.

Submission Process

Responses will only be accepted in either of the following:

1. Online Submission – via the electronic portal on PRA's website (http://www.phadelphiaerevelopmentauthority.org/); or
2. Hard Copy Submission – Submit 3 original copies of the Response and one electronic copy on a USB Flash Drive to the PRA via hand delivery or registered mail. Files on the USB Flash Drive may only be in Microsoft Word or Adobe PDF. Applicants may hand deliver or send their Response via registered mail to:
Robert LaBrum  
Director, Design & Construction  
Philadelphia Redevelopment Authority  
1234 Market Street, 16th Floor  
Philadelphia, PA 19107

**Disqualification**

Responses will be disqualified if:

1. They are submitted after the specified deadline;
2. They are submitted by some means other than the two formats listed above. For electronic Responses, the PRA website portal is the only means that will be accepted. Responses sent via email, Dropbox or other electronic venues will be disqualified;
3. If the Response package is incomplete.

**Bid Price**

The PRA will award this Project to the Response determined to be the most responsive based on the criteria explained below. Bid price is one of these criteria, though the Project will not necessarily be awarded to the lowest bidder. Bidders must complete and submit the Construction Bid Proposal Form located in Attachment A, Division 0 (Bidding and Contract Requirements).

**Bid Bonds**

Bidders must complete and submit the Bid Bond Form located in Attachment A, Division 0 (Bidding and Contract Requirements).

**Schedule**

The timeline for this opportunity is as follows:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFP posted</td>
<td>December 20, 2018</td>
</tr>
<tr>
<td>Mandatory Pre-Bid Meeting</td>
<td>January 10, 2019; 10:00 AM</td>
</tr>
<tr>
<td>Questions and requests for additional information due</td>
<td>January 14, 2019; 3:00 PM</td>
</tr>
<tr>
<td>Responses due</td>
<td>January 24, 2019; 3:00 PM</td>
</tr>
<tr>
<td>Respondent selected (Estimate)</td>
<td>February 2019</td>
</tr>
</tbody>
</table>

PRA reserves the right, in its sole discretion, to alter this schedule as it deems necessary or appropriate.

**Project Description/Scope of Work**

The PRA is seeking Applicants for the Gifford Playground Renovation project located 575 Tomlinson Road, Philadelphia, PA 19116. The work includes, but is not limited to, the demolition and removal of existing playground area, asphalt, concrete, fencing, etc.; Grading and drainage of project area; Installation of new asphalt, concrete paving, fencing, landscaping, safety surface, playground equipment, and sprayground.
For completed scope of work please refer to the Project Drawings and the Specifications. This project is part of the City’s Rebuilding Community Infrastructure Program ("Rebuild").

Response Submission Requirements

1. **Construction Bid Proposal Form** located in Attachment A, Division 0 (Bidding and Contract Requirements).
2. **Bid Bond** located in Attachment A, Division 0 (Bidding and Contract Requirements).
3. **Experience (Not to exceed two pages):** Describe past experiences with providing similar projects. Please cite projects performed for the City of Philadelphia or other public/governmental agencies. Please include examples of projects that were completed on time and on budget.
4. **Approach to Project Delivery (Not to exceed one page):** Describe your approach to carrying out the scope of work on time/budget, and strategies that make your firm qualified to best perform these services. Please include a detailed Project timeline.
5. **Economic Inclusion (Not to exceed one page).** Provide a narrative describing Applicant's past performance in engaging certified Minority Business Enterprises ("MBE"), Woman Business Enterprises ("WBE"), and/or Disabled Business Enterprises ("DSBE") in subcontracting and in procuring goods and services; in addition, describe the Applicant’s past performance in hiring local, diverse workforce, both in-house and with subcontractors. If Applicant is a Certified MBE, WBE or DBE; please submit information to confirm Certification as part of bid proposal. Please include contract and workforce participation goals and achievements on previous projects. Provide a plan for meeting contract and workforce participation goals (subcontractors, etc) for this Project.
6. **Declarations and Other Information.** Response must also include the completed forms identified in the Declarations and Other Information below.

Evaluation & Selection

PRA intends to award this Project to the Applicant that best demonstrates the level of experience, skill and competence required to perform the services called for in this RFP in the most efficient, cost-effective, and professional manner and in a manner, that is consistent with the contract and workforce participation goals of the Rebuild initiative. The PRA will initially review the Responses to determine compliance with the Response Submission Requirements. Only Responses that comply with these requirements will be considered for evaluation. If no Response meets these requirements, the PRA may allow all Applicants to supplement their Responses to conform to these requirements.

PRA will evaluate Applicants based on the following factors:

1. Complete application and eligibility of applicant including compliance with all requirements listed in this RFP;
2. Appropriateness of firm for the scope of work, and ability to carry out the work in a high-quality standard on time and budget;
3. Prior experience, including competence and proven track record working with City of Philadelphia and/or other public agencies;
4. Track record of economic inclusion in contracting and workforce;
5. Bid price;
6. Any other factors the PRA considers relevant to the evaluation of the responses; and
7. Financial capability

**Events of Disqualification or Default**

Subsequent to the selection of an Applicant, and before execution of the Contract, the PRA may treat any of the following as an event of disqualification or default:

1. Unilateral withdrawal by the selected Applicant;
2. Failure to proceed substantially in accordance with the Response as submitted;
3. Failure by the Applicant for any reason whatsoever to timely execute the Contract when tendered;
4. Material misrepresentation, omission, or inaccuracy contained in any document submitted either as part of the Response, or subsequent thereto. For the purposes of this section, the PRA places particular importance on the information required by the Applicant in the City of Philadelphia Questionnaire & Financial Statement for Qualifying Bidders and the Campaign Contribution Disclosure Forms;
5. Failure to provide in a timely manner the additional material required after selection throughout the PRA selection process.

Upon the happening of an event of disqualification or default by the selected Applicant, PRA shall have the right, at its election, to:

1. Rescind its selection; or
2. Declare null and void a Contract that may already have been executed.

**Declarations and Other Information**

**Economic Opportunity Plan**

This Project will require the selected Applicant to execute an Economic Opportunity Plan ("EOP"), committing to exhaust its best and good faith efforts to reach goals for diverse business inclusion and to employ an appropriate diverse workforce. The specific goals for this Project will be determined in consultation with the City’s Office of Economic Opportunity. Adopted as part of City Council Resolution No. 180124 (2018), was a Rebuild Master Economic Opportunity Plan, which establishes certain goals for contracting and diverse employment for the Rebuild program. The Master EOP excerpt below is included in the Rebuild Project Statement, which is Attachment G of this RFP:
II. Rebuild Diversity and Inclusion Goals

A. Participation Goals for Diverse Business Inclusion

In order to achieve Diverse Business Inclusion in Rebuild, each contract between PAID and Project User will require an EOP containing participation ranges for M/W/DSBEs. Goals for Rebuild are informed by the City's most current Annual Disparity Study as follows:

- **Professional services contracts:** 25-30% minority and 15-20% women
- **Construction contracts:** 30-35% minority and 15-20% women

EOPs will contain individualized participation ranges for both MBEs and WBEs according to project scope and dollar value.

B. Employment Goals for Diverse Workforce

Project User agrees to exhaust its Best and Good Faith Efforts to employ an appropriately diverse workforce which will include minority persons and females at all tiers of employment and management. Project User shall also cause its Participants to employ an appropriately diverse workforce. For this Plan, an appropriately diverse workforce is one which reflects the local availability and historic utilization of Philadelphia residents, and also recognizes underutilization of diverse workers across all trades. The following are expressed as hourly project goals:

- Total minority journeyperson hours 45% (African American journeypersons 27%, Hispanic journeypersons 15%, and Asian journeypersons 3%); and of the foregoing total minority workforce hours, 60% laborer hours and 40% skilled hours.
- Total women journeyperson hours 5%, skilled and laborer.
- Total minority apprentice workforce hours 50%, skilled and laborer and total women apprentice workforce hours 5%, skilled and laborer.
- Local construction workforce: 50-60%.

**Tax Clearance and Conflict of Interest Form**

Applicants, upon request of the PRA, must provide evidence satisfactory to the PRA that all municipal taxes, including business taxes, real estate, school, water and sewer charges, if applicable, are current for both the individual Applicant and the Applicant's firm, and that neither is currently indebted to the City; will at any time during the term of the contract be indebted to the City, for or on account of any delinquent taxes, liens, judgments, fees or other debts for which no written agreement or payment plan satisfactory to the City has been established. Please complete the Philadelphia Tax Status Certification and Conflict of Interest form (Attachment D) and submit it with your Response.

**Compliant with City of Philadelphia Revenue Department**

Bidders must have a current City of Philadelphia Business Activity License and have a valid contractor’s license.
**Campaign Contribution Disclosure Forms**

Please complete the applicable disclosure forms (Attachment E) and submit with your proposal.

**City of Philadelphia Questionnaire & Financial Statement for Qualifying Bidders**

Please complete the applicable questionnaire and financial statements (Attachment H) and submit with your proposal.

**Insurance Requirements**

Please submit a certificate of insurance evidencing the required coverages as outlined in Attachment F with your Response. If, for any reason, you cannot comply with the insurance requirements, please provide the reasons for your inability to do so and the PRA will consider any deviations from the insurance requirements on a case-by-case basis.

By submitting a Response to this RFP, an Applicant affirmatively acknowledges: (i) its acceptance of the terms and conditions of this RFP; (ii) the PRA may exercise in its sole discretion the following rights; and (iii) the PRA may exercise the following rights at any time and without notice to any Applicant:

1. to reject any and all Responses;
2. to supplement, amend, substitute, modify or re-issue the RFP with terms and conditions materially different from those set forth here;
3. to cancel this RFP with or without issuing another RFP;
4. to extend the time period for responding to this RFP;
5. to solicit new Responses;
6. to conduct personal interviews with any Applicant to assess compliance with the selection criteria;
7. to request additional material, clarification, confirmation or modification of any information in any and all Responses;
8. to negotiate any aspect of a Response, including price;
9. to terminate negotiations regarding any and all Responses at any time;
10. to expressly waive any defect or technicality in any Response;
11. to rescind a selection prior to Contract execution if the PRA determines that the Response does not conform to the specifications of this RFP;
12. to rescind a selection prior to Contract execution if the PRA determines that the specifications contained in this RFP are not in conformity with law or that the process in selection of an Applicant or Response was not in conformity with law or with the legal obligations of the PRA;
13. in the event a Contract is awarded, the successful Applicant or Applicants shall procure and maintain during the life of the Contract liability insurance in an amount to be determined prior to the award of the Contract;
14. in the event a Contract is awarded, all Applicants agree to perform their services as an independent contractor and not as an employee or agent of the PRA;
15. in the event a Contract is awarded, all Applicants agree that no portion of performance of the contract shall be subcontracted without the prior written approval of the PRA; and
16. each Applicant agrees to indemnify, protect and hold harmless the PRA from any and all losses, injuries, expenses, demands and claims against the PRA or the City sustained or alleged to have been sustained in connection with or resulting from (i) the submission of the Applicant’s Response; (ii) the delivery by the Applicant to the PRA of any other documents or information; and (iii) any other conduct undertaken by the Applicant in furtherance of or in relation to the Applicant’s proposal. Each Applicant agrees that its duty to indemnify and hold
harmless shall not be limited to the terms of any liability insurance, if any, required under this RFP or subsequent contract.

The PRA is under no obligation whatsoever to Applicant as a result of this RFP. The RFP does not represent any commitment on the part of the PRA to Applicant or the Project. In no event shall the PRA be responsible for any cost, expense or fee incurred by or on behalf of Applicant in connection with the RFP. Applicant shall be solely responsible for all such costs, expenses and fees.

NOTICE: The PRA is subject to the Pennsylvania Right to Know Law. Any information provided in your Response to this may be subject to disclosure to the public. Documents provided in response to this RFP may also be required to be disclosed by applicable law, subpoena, and/or court order.
GENERAL NOTES:

1. THESE GENERAL NOTES APPLY TO ALL PLANS, SPECIFICATIONS, AND WORK ASSOCIATED WITH THIS PROJECT.

15. THE CONTRACTOR(S) SHALL PROVIDE POSITIVE PROTECTION (MAT/SHEET COVERINGS) FOR ALL EXPOSED EXCAVATIONS TO PROTECT FROM INSTABILITY AND DETERIORATION DUE TO RAIN, WIND OR SNOW/ICE.

10. THE CONTRACTOR(S) SHALL OBTAIN ALL PERMITS RELATING TO THIS PROJECT PRIOR TO CONSTRUCTION.

7. ALL CONTRACTORS WORKING ON THIS PROJECT SHALL BE RESPONSIBLE FOR INSURING THAT ALL CONSTRUCTION ACTIVITIES RELATED TO THIS PROJECT ARE PERMITTED AND COMPLIANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL LAWS AND REGULATIONS.

26. ALL MATERIAL REMOVED FROM THE PROJECT SITE SHALL BE DISPOSED OF IN A LAWFUL MANNER ACCORDING TO APPLICABLE LOCAL, STATE, AND/OR FEDERAL LAWS AND REGULATIONS.

23. THE CONTRACTOR(S) ARE RESPONSIBLE FOR THE PROTECTION OF EXISTING TREES TO REMAIN. NO EQUIPMENT, MATERIALS, SOIL, OR OTHER DEBRIS SHALL BE ALLOWED TO COME INTO CONTACT WITH THE TRUNKS OR BRANCHES OF EXISTING TREES.

22. THE CONTRACTOR(S) SHALL COORDINATE THE TEMPORARY SHUT-DOWN OF DOORWAYS WITH THE DPP COORDINATOR AND WITH THE RECREATION CENTER PHILADELPHIA REPRESENTATIVE.

8. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE 1990 "AMERICAN STANDARD FOR NURSERY EQUIPMENT INSTALLATION CONTRACTOR'S WORK. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF PLAYGROUND SURFACING AS INDICATED ON MECHANICAL/PLUMBING DRAWINGS FOR SLEEVE/LINE PENETRATION LOCATIONS AND INVERT ELEVATIONS FOR CONNECTIONS AT THE BUILDING FACE.

16. MAINTAIN POSITIVE DRAINAGE AND ELIMINATE LOW SPOTS FROM CLEARING AND GRUBBING AND SITE RESTORATION AND STABILIZATION OPERATIONS.

2. WORK CREWS AND EQUIPMENT FOR TRENCHING, PLACEMENT OF PIPE, PLUG CONSTRUCTION AND BACKFILLING WILL BE SELF CONTAINED AND SEPARATE FROM THE CONTRACTOR(S). CONTRACTOR(S) WILL MAINTAIN UTILITY SERVICES TO ACTIVE EXISTING BUILDINGS AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PERIOD. COORDINATE WITH THE ADJACENT BUILDING OR SITE OWNERS OR MANAGERS AS APPLICABLE.

11. SET ALL PLANTS PLUMB AND STRAIGHT. SET AT SUCH A LEVEL THAT AFTER SETTLEMENT, A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WILL BE MAINTAINED.

SPRAY GROUND NOTES:

1. SPARY GROUND NOTES PROVIDE THE INSTRUCTIONS FOR SPRAY GROUND MATERIALS.

8. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE 1990 "AMERICAN STANDARD FOR NURSERY EQUIPMENT INSTALLATION CONTRACTOR'S WORK. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF PLAYGROUND SURFACING AS INDICATED ON MECHANICAL/PLUMBING DRAWINGS FOR SLEEVE/LINE PENETRATION LOCATIONS AND INVERT ELEVATIONS FOR CONNECTIONS AT THE BUILDING FACE.

9. ALL PLANTS SHALL BE PLANTED IN TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACK FILLING PROGRESSES. NOTHING BUT SUITABLE TOPSOIL, ORIGINATING FROM THE SITE TO BE PLANTED, IS TO BE USED FOR PLANTING. TOPSOIL ORIGINATING FROM OTHER SOURCES WILL NOT BE ALLOWED.

1. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.

6. GRADE ALL TREE/SHRUB/GROUNDCOVER PLANTING BEDS TO 3 INCHES BELOW TOP OF ABUTTING CURBS, PAVING, OR LAWN AREAS TO ALLOW FOR MULCHING.

1. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.

6. GRADE ALL TREE/SHRUB/GROUNDCOVER PLANTING BEDS TO 3 INCHES BELOW TOP OF ABUTTING CURBS, PAVING, OR LAWN AREAS TO ALLOW FOR MULCHING.

PREREQUISITE REQUIREMENTS FOR WORK:

1. CONTRACTOR SHALL VERIFY THAT ALL PERMITS ARE OBTAINED PRIOR TO THE CONSTRUCTION WORK BEGINS.

2. CONTRACTOR SHALL OBTAIN ALL PERMITS RELATING TO THIS PROJECT PRIOR TO CONSTRUCTION.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING TREES TO REMAIN. NO EQUIPMENT, MATERIALS, SOIL, OR OTHER DEBRIS SHALL BE ALLOWED TO COME INTO CONTACT WITH THE TRUNKS OR BRANCHES OF EXISTING TREES.

4. CONTRACTOR(S) SHALL COORDINATE THE TEMPORARY SHUT-DOWN OF DOORWAYS WITH THE DPP COORDINATOR AND WITH THE RECREATION CENTER PHILADELPHIA REPRESENTATIVE.

5. CONTRACTOR(S) SHALL OBTAIN ALL REQUIRED/PERTINENT PERMITS FOR THIS WORK AND COMPLY AND ADHERE TO ALL APPLICABLE REGULATIONS SET BY THE APPROPRIATE LOCAL, STATE, AND/OR FEDERAL AGENCIES.

6. THE NEW PAVING SHALL PROVIDE A SMOOTH TRANSITION TO EXISTING PAVING WITHOUT ABRUPT CHANGE IN GRADE.

5. CONTRACTOR SHALL INSTALL WATER METER IN BELOW GRADE VAULT/PIT AS APPROVED BY THE PHILADELPHIA WATER DEPARTMENT.

6. CONTRACTOR SHALL INSTALL REDUCED PRESSURE ZONE BACKFLOW PREVENTION DEVICE IN ABOVE GRADE METAL, HEATED, AND LOCKABLE ENCLOSURE AS PER THE DRAWINGS.

3. THE CONTRACTOR(S) SHALL OBTAIN ALL REQUIRED/PERTINENT PERMITS FOR THIS WORK AND COMPLY AND ADHERE TO ALL APPLICABLE REGULATIONS SET BY THE APPROPRIATE LOCAL, STATE, AND/OR FEDERAL AGENCIES.

4. CONTRACTOR(S) SHALL COORDINATE THE TEMPORARY SHUT-DOWN OF DOORWAYS WITH THE DPP COORDINATOR AND WITH THE RECREATION CENTER PHILADELPHIA REPRESENTATIVE.

5. CONTRACTOR(S) SHALL OBTAIN ALL PERMITS RELATING TO THIS PROJECT PRIOR TO CONSTRUCTION.

6. THE CONTRACTOR(S) SHALL MAINTAIN POSITIVE PROTECTION (MAT/SHEET COVERINGS) FOR ALL EXPOSED EXCAVATIONS TO PROTECT FROM INSTABILITY AND DETERIORATION DUE TO RAIN, WIND OR SNOW/ICE.

7. ALL CONTRACTORS WORKING ON THIS PROJECT SHALL BE RESPONSIBLE FOR INSURING THAT ALL CONSTRUCTION ACTIVITIES RELATED TO THIS PROJECT ARE PERMITTED AND COMPLIANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL LAWS AND REGULATIONS.

8. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE 1990 "AMERICAN STANDARD FOR NURSERY EQUIPMENT INSTALLATION CONTRACTOR'S WORK. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF PLAYGROUND SURFACING AS INDICATED ON MECHANICAL/PLUMBING DRAWINGS FOR SLEEVE/LINE PENETRATION LOCATIONS AND INVERT ELEVATIONS FOR CONNECTIONS AT THE BUILDING FACE.

9. ALL PLANTS SHALL BE PLANTED IN TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACK FILLING PROGRESSES. NOTHING BUT SUITABLE TOPSOIL, ORIGINATING FROM THE SITE TO BE PLANTED, IS TO BE USED FOR PLANTING. TOPSOIL ORIGINATING FROM OTHER SOURCES WILL NOT BE ALLOWED.

10. THE DAY FOLLOWING TRENCH BACKFILL, THE DISTURBED AREA SHALL BE GRADED TO FINAL CONTOURS AND STABILIZED IMMEDIATELY IN ACCORDANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION.

11. SET ALL PLANTS PLUMB AND STRAIGHT. SET AT SUCH A LEVEL THAT AFTER SETTLEMENT, A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WILL BE MAINTAINED.

12. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.

13. MAINTAIN UTILITY SERVICES TO ACTIVE EXISTING BUILDINGS AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PERIOD. COORDINATE WITH THE ADJACENT BUILDING OR SITE OWNERS OR MANAGERS AS APPLICABLE.

14. MAINTAIN ATTENTION TO THE USE OF ADJACENT BUILDING OR SITE AREAS.

15. THE CONTRACTOR(S) SHALL PROVIDE POSITIVE PROTECTION (MAT/SHEET COVERINGS) FOR ALL EXPOSED EXCAVATIONS TO PROTECT FROM INSTABILITY AND DETERIORATION DUE TO RAIN, WIND OR SNOW/ICE.

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EXISTING FEATURES AND DEMOLITION PLAN

EXISTING FEATURES AND DEMOLITION PLAN

DEMOLITION PLAN LEGEND

DEMOLITION PLAN KEY

EXISTING TREE
EXISTING CURB
EXISTING SPOT ELEVATION
EXISTING UNDERGROUND WATER SERVICE
EXISTING UNDERGROUND ELECTRICAL LINE/SERVICE
EXISTING UNDERGROUND DRAINAGE PIPING
EXISTING WATER VALVE
EXISTING CONTOUR
EXISTING SPOT ELEVATION
EXISTING TREE OR SHRUB
EXISTING CONTOUR
EXISTING SPOT ELEVATION
EXISTING UNDERGROUND WATER SERVICE
EXISTING UNDERGROUND ELECTRICAL LINE/SERVICE
EXISTING UNDERGROUND DRAINAGE PIPING
EXISTING TREE
EXISTING TREE

1. REMOVE BASKETBALL HOOP AND NET FROM REMOVED HALF BASKETBALL COURT.
2. SAWCUT AND REMOVE EXISTING ASPHALT SKIRT AROUND CONCRETE BASKETBALL COURTS UP TO EXISTING CONCRETE WALKWAY.
3. SAWCUT AND REMOVE CONCRETE GUTTER. SAWCUTS SHALL BE MADE PERPENDICULAR TO EXISTING CONCRETE WALKWAY. COORDINATE LOCATION OF SAWCUTS WITH PROPOSED IMPROVEMENTS AND/OR EXISTING FEATURES.
4. REMOVE PAVERS/BRICKS AS NECESSARY FOR PROPOSED SPRAYGROUND WALKWAY. RETAIN BRICKS FOR RE-USE ON SITE.
5. COVER OR GRIND PAVEMENT MARKINGS. COORDINATE REMOVAL WITH PROPOSED PAVEMENT MARKINGS.

SAWCUT LINE (TYP). SAWCUTS SHALL BE MADE CLEAN, STRAIGHT, AND PERPENDICULAR TO THE SURFACE, UNLESS OTHERWISE NOTED.

CUT BACK EDGE OF EXISTING SAFETY SURFACE 6" MAX. AND PREPARE EDGE TO BOND WITH PROPOSED ADDITIONAL PLAY SURFACING.

COMPLETELY REMOVE FENCE INCLUDING POSTS, CROSSBARS, FABRIC, FOOTINGS, AND ANY OTHER ASSOCIATED PARTS NECESSARY FOR INSTALLATION.

SAWCUT AND REMOVE CONCRETE HALF BASKETBALL COURT PAVING AND BASE MATERIAL TO SUBGRADE. COORDINATE SAWCUT LOCATION WITH PROPOSED IMPROVEMENTS.

REMOVE TREE. DIG OUT AND COMPLETELY REMOVE STUMP OR GRIND STUMP AND ROOT FLARE BELOW SURFACE 12" MIN.

REMOVE BENCH

SAWCUT AND REMOVE EXISTING CONCRETE PAVING
1. REFER TO DRAWING G-1 FOR GENERAL NOTES FOR THE PROJECT.
2. REFER TO DRAWING G-1 FOR LAYOUT, MATERIAL, AND PLAYGROUND NOTES.
3. PLAYGROUND RUBBER SURFACING COLORS/PATTERNS SHALL BE LAYED-OUT/SPRAY PAINTED/MARKED OUT ON SBR CUSHION COURSE PRIOR TO SURFACE COURSE INSTALLATION FOR APPROVAL BY LANDSCAPE ARCHITECT.
4. SOD ALL DISTURBED AREAS NOT SCHEDULED FOR PAVING OR SURFACING.

SONIC MOSQUITO DEVICE ZONE

MATERIALS PLAN LEGEND

GENERAL NOTES:
GENERAL NOTES:
1. REFER TO DRAWING G-1 FOR GENERAL NOTES FOR THE PROJECT.
2. REFER TO DRAWING G-1 FOR LAYOUT, MATERIAL, AND PLAYGROUND NOTES.
3. PLAYGROUND RUBBER SURFACING COLORS/PATTERNS SHALL BE LAYED-OUT/SPRAY PAINTED/MARKED OUT ON SBR CUSHION COURSE PRIOR TO SURFACE COURSE INSTALLATION FOR APPROVAL BY LANDSCAPE ARCHITECT.
NOTE:
1. THIS DRAWING IS DIAGRAMMATIC IN NATURE. LOCATIONS RECOMMENDED FOR PLAY COMPONENTS AND DRAINS ARE APPROXIMATE. PIPING AND CONDUIT RUNS ARE SCHEMATIC. JOB CONDITIONS AND LOCAL CODES MUST DETERMINE FINAL ROUTING.
2. PIPING, CONDUIT, AND WIRE ARE BY INSTALLER.
3. PIPE SIZES ASSUME 100' MAXIMUM RUNS. LONGER RUNS MUST BE EVALUATED BY WATER ODYSSEY. CONTRACTOR RESPONSIBLE FOR VERIFICATION OF PIPE SIZE BETWEEN DISCHARGE MANIFOLD AND FEATURES. VELOCITY NOT TO EXCEED 8FT/SECOND.
4. SYMBOL "   " INDICATES THAT THE TEE MUST BE PLACED IN THE CENTER OF THE PIPING RUN TO ENSURE BALANCED FLOW.
5. WET DECK AREA MUST BE POURED AND FORMED SO THAT WATER SHED AREA SLOPES TOWARD DRAINS.

"REFER TO ELECTRICAL SCHEMATICS AND PROGRAMMING SHEET FOR WIRING CONNECTIONS TO BE MADE TO TAGGED SOLENOID VALVE ASSEMBLIES"

"POWER SUPPLY 120V, 1Ø, 60HZ 16 AMPS BY OTHERS"

"WATER METER BACKFLOW PREVENTER SHUTOFF VALVE"

"MAX. DISTANCE 25"

"TO BE LOCATED IN MANIFOLD PIT"

"SEQUENCING CONTROLLER TO BE LOCATED IN OFFICE IN THE RECREATION CENTER BUILDING"

"COMPONENTS BY OTHERS"

"PRV 30 PSI MIN 50 PSI MAX"

"GPM 63"
CONSTRUCTION SEQUENCE

1. PRIOR TO COMMENCEMENT OF WORK IN accordance with PA DOT CLASS 2 EROSION CONTROL REQUIREMENTS.

EROSION & SEDIMENT CONTROL NOTES:

1. LOCAL EROSION CONTROL PLAN TO BE FOLLOWED.
2. TRASH & GARBAGE CONTROL TO BE EXECUTED.
3. PROHIBITED FROM DISCHARGING WASTE MATERI.
   LALS OR OTHER MATERIALS INTO THE STORM SEWERS.
4. LOCAL EROSION CONTROL PLAN TO BE FOLLOWED.
5. HORIZONTAL EROSION CONTROL PLAN TO BE FOLLOWED.
6. TRANSPORTING MATERIAL TO BE FOLLOWED.
7. MATERIAL TO BE FOLLOWED.
8. STORAGE OF MATERIAL TO BE FOLLOWED.
9. PLACING MATERIAL TO BE FOLLOWED.
10. WORK COMPLETED TO BE FOLLOWED.

EROSION & SEDIMENT CONTROL MEASURES:

1. EROSION & SEDIMENT CONTROL MEASURES TO BE FOLLOWED.
2. FILTER BAG DETAIL TO BE FOLLOWED.
3. TREE PROTECTION FENCING TO BE FOLLOWED.
4. COMPOST SOCK "SLT FENCE" DETAIL TO BE FOLLOWED.
5. SLITEACK INLET PROTECTION TO BE FOLLOWED.
6. TEMPORARY ROCK CONSTRUCTION ENTRANCE TO BE FOLLOWED.
7. STANDARD 18" HT. SLT FENCING TO BE FOLLOWED.
8. ROCK FILTER OUTLET DETAIL TO BE FOLLOWED.

RECTIFICATION:

1. PROPERLY DISPOSE OF MATERIALS.
2. ACCURATELY MEASURE MATERIALS.
3. CORRECTLY FOLLOW PROCEDURES.
4. FOLLOW LOCAL & STATE ORDINANCES.
5. FOLLOW LOCAL & STATE PUBLIC WORKS REGULATIONS.

REVISIONS:

1. ADJUSTMENTS TO REVISIONS.
2. AMENDMENTS TO REVISIONS.
3. ADDITIONS TO REVISIONS.
4. DELETIONS TO REVISIONS.
5. CORRECTIONS TO REVISIONS.
6. COMMENTS TO REVISIONS.
7. IDEAS TO REVISIONS.
8. QUESTIONS TO REVISIONS.

TEMPORARY CONTROL MEASURE NOTES:

1. TEMPORARY CONTROL MEASURE NOTES TO BE FOLLOWED.
2. TEMPORARY CONTROL MEASURE NOTES TO BE FOLLOWED.
3. TEMPORARY CONTROL MEASURE NOTES TO BE FOLLOWED.
4. TEMPORARY CONTROL MEASURE NOTES TO BE FOLLOWED.
5. TEMPORARY CONTROL MEASURE NOTES TO BE FOLLOWED.

SEEDING AND MULCHING SCHEDULE:

1. SEEDING AND MULCHING SCHEDULE TO BE FOLLOWED.

FILTER BAG DETAIL

1. FILTER BAG DETAIL TO BE FOLLOWED.

SCALE: NTS

NOTE:

DPP PROJECT NO.: 16-14-4230-01

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY

G & S CONTROL
NOTES AND DETAILS

E & S CONTROL
NOTES AND DETAILS

L-5.1
### LANDSCAPE PLANTING PLAN

#### Scale: 1" = 10'

<table>
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<tr>
<th>CANOPY TREES</th>
<th>Botanical Name</th>
<th>Qty.</th>
<th>Spacing</th>
<th>Common Name</th>
<th>Key</th>
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<tr>
<td>PLATANUS X ACERIFOLIA</td>
<td>'BLOODGOOD'</td>
<td>3'</td>
<td>CALIPER</td>
<td>B&amp;B</td>
<td>PA</td>
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<td>B&amp;B</td>
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<th>Qty.</th>
<th>Spacing</th>
<th>Common Name</th>
<th>Key</th>
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<td>7</td>
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<td>'AUTUMN BRILLIANCE'</td>
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<td>B&amp;B</td>
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**TREE PLANTING DETAIL**

- Remove wire basket and burlap from top 2/3 of root ball. Remove from hole.
- 3" shredded hardwood mulch (6' diameter ring per tree)
- Remove tree wrap
- Keep mulch 6" away from root flare
- Specify caliper, measured at 6" above root ball
- Single, straight trunk
- Utilize on-site, native topsoil to backfill. Unsuitable soil shall be amended as specified.
- Top of root ball shall be set flush to grade or 1-2" higher in slowly draining soils.
- Trunk flare shall be visible
- Prune only crossover limbs, co-dominant leaders and broken or dead branches.
- Inward sloping sides

---

**Revisions**

<table>
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<th>Date</th>
<th>Notes</th>
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<td>12/10/2018</td>
<td>85% DPP review 9/4/15</td>
</tr>
<tr>
<td>12/10/18</td>
<td>Issue for construction 12/10/18</td>
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</tbody>
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**General Notes:**

- Contractor shall provide and install sod in areas designated as well as any disturbed lawn areas within the limit of disturbance.

---

**Project Title:** Improvements to Gifford Playground

---

**Design Consultant:**

- Land. Arch. Seal:
- Civil Eng. Seal:
- PA One-Call Number (for design only):

---

**Dates:**

- DPP Project Number:
- Design consultant:
- Consultant project no.:
- Date:
- Scale:
- Drawn by:
- Checked by:
- Registration number:

---

**Design, Engineering, Landscape Architecture & Technical Consulting**

- Gilmore & Associates, Inc.
- One Penn Center at Suburban Station
- 1617 JFK Boulevard, Suite 820
- Philadelphia, PA 19103
- Phone: (800)-344-5667

---

**City of Philadelphia Department of Public Property**

- Improvements to Gifford Playground
- One Parkway Building
- Pennsylvania Philadelphia
- Phone: (215)-686-5555

---

**IMPROVEMENTS TO GIFFORD PLAYGROUND**

- DESIGN CONSULTANT:
- DPP PROJECT COORDINATOR:

---

**GILMORE & ASSOCIATES, INC.**

- DESIGN, ENGINEERING, LANDSCAPE ARCHITECTURE & TECHNICAL CONSULTING
- ONE PENN CENTER AT SUBURBAN STATION
- 1617 JFK BOULEVARD, SUITE 820
- PHILADELPHIA, PA 19103
- PHONE: (800)-344-5667

---

**LANDSCAPE PLANTING PLAN**

- Scale: 1" = 10'
- Drawn by Francesco Cerrai, RLA
- Checked by Kevin M. Selger, RLA - PA LICENSE 002685

---

**All dimensions and conditions shall be verified by the contractor at the site before proceeding with the work.**

---

**Drawing Title:**

- PLAN T-SHEET
- PLANT SCHEDULE
- TREE PLANTING DETAIL

---

**Drawing No.:**

- LAND. ARCH. SEAL:
- CIVIL ENG. SEAL:
- REGISTRATION NUMBER:
- LAND. ARCH. SEAL:
- CIVIL ENG. SEAL:

---

**Summary:**

- Improvements to Gifford Playground
- City of Philadelphia Department of Public Property
- One Parkway Building
- Pennsylvania Philadelphia

---

**Final Notes:**

- All dimensions and conditions shall be verified by the contractor at the site before proceeding with the work.
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER’S APPROVED EQUIVALENT.

2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE.

3. ALL STL. MEMBERS COATED WITH ZINC RICH ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. LIFE.

4. ALL STEEL MEMBERS COATED W/ ZINC RICH ELECTROSTATICALLY POWDER-COATED.

5. VICTOR STANLEY, INC., PLASTIC INNER LINERS ARE MOLDED ON PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER’S
designed central armrest.

6. 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR SURFACE MOUNT OPTION INTO CONCRETE

7. BENCH AND CONCRETE PAVING/BASE SHALL BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR.

8. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE.

9. THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

NOTE: SEE DETAILS ON SHEET D-2 FOR DETAILS.
POWER SOURCE SHALL BE INSTALLED INSIDE THE ENCLOSURE BY OTHERS,
HEAT IS PROVIDED BY A 1000 WATT, 120V SINGLE PHASE HEATER.
REFER TO ELECTRICAL PLANS
REDUCED PRESSURE ZONE ASSEMBLY IN HOT BOX DETAIL IS UL OR ETL CERTIFIED AND NEC APPROVED FOR SUBMERSION.

65"X56"X4" CONCRETE PAD
ALUMINUM ENCLOSURE OR APPROVED EQUAL
WATTS SERIES 957N REDUCED PRESSURE ZONE ASSEMBLY IN HOT BOX DETAIL IS UL OR ETL CERTIFIED AND NEC APPROVED FOR SUBMERSION.

PLACE 3/4-INCH PREMOLDED EXPANSION JOINT FILLER
3/16" WIDE
7" BLACK PVC COATED, UNLESS OTHERWISE NOTED.
STABLE AND NON-AS MANUFACTURED BY WATTS.
WATTS MODEL # WB 4000 AE 300_957N-NRS
ALUMINUM ENCLOSURE OR APPROVED EQUAL

1 5/8" O.D. BOTTOM RAIL
1 5/8" O.D. TOP RAIL
POST TO RAIL
1/4" x 3/4" STRETCHER BAR
BLACK VINYL COATED
STRETCHER BAR BANDS,
2" MESH, BLACK VINYL COATED (TERMINAL)
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STRETCHER BAR BANDS,
CONTRACTOR SHALL VERIFY SITE WATER PRESSURE PRIOR TO COMMENCING WORK. PREVIOUS MEASUREMENTS INDICATE SITE PRESSURE IS AT APPROXIMATELY 80-100 PSI. NOTIFY

WATER SERVICE FROM CITY WATER SHALL HAVE POSITIVE DRAINAGE, MINIMUM OF 1.00%, TOWARDS MANIFOLD VAULT FOR DRAINAGE AND WINTERIZING. WATER SUPPLY LINES FROM SPRAY COMPONENTS SHALL HAVE POSITIVE DRAINAGE TOWARDS MANIFOLD VAULT, 1.00% MINIMUM FOR DRAINAGE AND WINTERIZING. CONTRACTOR TO PROVIDE

CAST IRON SCUPPER DRAIN W/ 4" OUTLET IN SPECIFIED DRAINAGE. SET DRAIN GRATE 4" PVC PIPE SLOPED @ 0.5%.

NOTES/SPECIFICATIONS:

3. ALL PIPE OR CONDUIT PENETRATIONS SHALL BE GROUTED SOLID WITH NON-SHRINK GROUT.

2. PRECAST CONCRETE BOX SHALL BE CAST TO ACCOMMODATE SPECIFIED DOUBLE DOOR.

1. ACCESS DOORS BE BILCO MODEL NO. JD-4H20 - 60" X 60" DOUBLE LEAF STEEL ACCESS DOOR W/ A MINIMUM H-20 LOADING OR APPROVED EQUAL. ACCESS DOOR AND PAINTING SPECIFICATIONS:

PAINT. PRIMER AND PAINT COLOR SHALL BE WHITE. WITH EITHER OPTION THE CONTRACTOR SHALL FOLLOW SPECIFICATION SECTION 09900 AND THE MANUFACTURER'S INSTRUCTIONS FOR THE DEPARTMENT REQUIREMENTS - COORDINATE W/ DPP COORDINATOR.

4. PRIMING AND PAINTING OPTIONS:

4.1. CERAMIC INSULATING PAINT ADDITIVE:

PHARMACEUTICAL - SOLVENT FREE CERAMIC INSULATION LOCATIONS FOR PAINT MANUFACTURED BY

4.2.1. PRE-MIXED CERAMIC INSULATED PRIMER:

HY-TECH No. 1267 METAL SHIELD OR HY-TECH No. 15 AQUA PRIME BY:

HY-TECH THERMAL SOLUTIONS OR APPROVED EQUAL.

1.5" SCH.80 PVC WATER SUPPLY LINES FROM SPRAY FEATURE MANIFOLD TO BREAKER CONNECTED TO CONTROLLER IN BUILDING TO MANIFOLD CONTROL VALVE DETAIL 2.

SOLENOID VALVES:

Die cast bronze with stainless steel hardware, DIN connector with 15' cord, and 24VAC UL Recognized.
IMPROVEMENTS TO
GIFFORD PLAYGROUND
575 TOMLINSON ROAD, PHILA. PA
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PENNSYLVANIA
PHILADELPHIA

DESIGN CONSULTANT:
GILMANN & HARTMANN, INC
MECHANICAL AND ELECTRICAL
CONSULTING ENGINEERS
140 WHITAKER AVENUE
MONT CLARE, PA 19453
610-935-0101   FAX: 610-935-7520
EMAIL: ghm@villan-hartman.com

"GILLAN&HARTMANN" PROJECT NUMBER
2015265

REVISIONS
ISSUE
DATE

NOTE:

ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE
CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

GILMANN & ASSOCIATES, INC.
DESIGN, ENGINEERING, LANDSCAPE
ARCHITECTURE & TECHNICAL CONSULTING
ONE PENN CENTER AT SUBURBAN STATION
1617 JFK BOULEVARD, SUITE 820
PHILADELPHIA, PA 19103
PHONE: (800)-344-5667

RICHARD O BRUNNER - PA LICENSE PE15912E

85% DPP REVIEW 9/4/15

ELEC. ENG. SEAL:

PA ONE-CALL NUMBER (FOR DESIGN ONLY):
20152361233

DRAWING TITLE:

PROJECT TITLE:

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