INVITATION TO BID (ITB)
BID # FY 2017-2018-003

INGALLS PARK CONSTRUCTION

EXHIBIT C – LANDSCAPING PLANS AND DRAWINGS
PAGES 1-8

PREPARED BY:
CITY OF HALLANDALE BEACH
OFFICE OF CAPITAL IMPROVEMENTS
AND PROCUREMENT DEPARTMENT
CONTRACTOR TO VERIFY EXISTING PUMP IS IN GOOD WORKING CONDITION. CONTRACTOR TO VERIFY EXISTING SYSTEM CONDITION BEFORE COMMENCING WORK. VERIFY THE FOLLOWING:
1. Location/size of existing pump station
2. Location/size of existing manhole
3. Controller type/availability of additional valves

THE LAYOUT DEPICT IS FOR GRAPHICAL PURPOSES. CONTRACTOR TO VERIFY ZONES.

ALL IRRIGATION HEADS TO BE NON POTABLE WATER PURPLE

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IRRIGATION KEY

1. CONTRACTOR SHALL MAINTAIN EXISTING MAIN METER & WORKING ORDER. CONTRACTOR TO VERIFY EXISTING SYSTEM CONDITION PRIOR TO COMMENCING WORK.
2. CONTRACTOR SHALL MAINTAIN EXISTING IRRIGATION SYSTEM IN WORKING ORDER AND MAINTENANCE AS NEEDED. CONTRACTOR SHALL MAINTAIN EXISTING PUMP IN WORKING ORDER.
3. ALL IRRIGATION HEADS TO BE NON POTABLE WATER - PURPLE.
4. CONTRACTOR SHALL MAINTAIN EXISTING PUMP IN WORKING ORDER. CONTRACTOR SHALL MAINTAIN EXISTING SYSTEM IN WORKING ORDER.
5. CONTRACTOR SHALL MAINTAIN EXISTING MAIN METER & WORKING ORDER. CONTRACTOR TO VERIFY EXISTING SYSTEM CONDITION PRIOR TO COMMENCING WORK.
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7. CONTRACTOR SHALL MAINTAIN EXISTING MAIN METER & WORKING ORDER. CONTRACTOR TO VERIFY EXISTING SYSTEM CONDITION PRIOR TO COMMENCING WORK.
8. CONTRACTOR SHALL MAINTAIN EXISTING PUMP IN WORKING ORDER. CONTRACTOR SHALL MAINTAIN EXISTING SYSTEM IN WORKING ORDER.

IRRIGATION TO BE MODIFIED FOR PROPOSED PROJECT AND OTHER FEATURES AS NECESSARY.
**IRRIGATION NOTES**

**SYSTEM DESCRIPTION**

THIS IS A CLICK START SYSTEM WITH AN NVF 1 INCH WATER METER AND BACKFLOW PREVENTER. COORDINATE FINAL LOCATION OF CONTROLLERS AND RISK EXAMINER WITH THE OWNER'S REPRESENTATIVE. LOCATION ALLOCATIONS SHALL BE AT NO ADDITIONAL CHARGE.

WORK

THE IRRIGATION CONTRACTOR SHALL BE CERTIFIED AS A CERTIFIED IRRIGATION CONTRACTOR IN ACCORDANCE WITH THE IRRIGATION CONTRACTORS CERTIFICATION TO THE OWNER'S REPRESENTATIVE PRIOR TO PRE-CONSTRUCTION MEETINGS.

FOLLOWING THESE NOTICES IN ADDITION TO CITY AND SECURITY REQUIREMENTS AND DESIGN REQUIREMENTS, IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY CONFLICTS BETWEEN THE PLANS AND CITY REQUIREMENTS.

WARNING: CONDITIONING BEFORE DRAINING. INSTALLING ADDITIONAL EQUIPMENT FOR SPECIFIC SITE CONDITIONS. INCLUDE ALL COSTS TO COMPLETE THE SCOPE OF WORK IN BIDS.

INCLUDE ALL REQUIRED PERMIT AND IMPACT FEES IN BID. OBTAIN ALL REQUIRED PERMITS AT NO ADDITIONAL CHARGE.

IMMEDIATELY NOTIFY OWNER ABOUT ANY ITEM DAMAGED BY CONSTRUCTION OF THE IRRIGATION SYSTEM AT NO CHARGE.

GUARDIAN MATERIALS AND WORK FROM ONE-YEAR FROM FINAL ACCEPTANCE. CORRECT DEFICIENCIES AT NO CHARGE.

**INSTALLATIONS**

PROVIDE MANUFACTURER'S CUT SHEETS FOR EVERY ITEM TO BE INSTALLED FOR APPROVAL. PROVIDE ONLY NEW EQUIPMENT AS SPECIFIED WITH THE PLANS.

ELECTRICAL SERVICE CONNECTIONS AND REQUIREMENTS, INDEED, THAT THE PLANS ARE PRIOR TO ELECTRICAL PROVIDER DESIGN. COORDINATE ELECTRICAL DESIGN REQUIREMENTS WITH THE ELECTRICAL PROVIDER AND PRIOR TO THE ELECTRICAL PROVIDER TO BE. PROVIDE ANY ADDITIONAL DOCUMENTATION FOR THESE REQUIREMENTS.

ELECTRICAL SERVICE CONNECTIONS AND ALL OTHER ELECTRICAL WORK TO COMPLY WITH THE ORGANIZATION DESIGN STANDARDS. APPROVED ELECTRICAL MATERIALS AND INSTALLATION. COORDINATE ELECTRICAL SERVICE CONNECTIONS WITH THE ELECTRICAL PROVIDER. PROVIDE PERMITTED ELECTRICAL SERVICE CONNECTIONS BY A LICENSED ELECTRICIAN.

CONTROLLED TO PREVENT THE RECIPIENT OF THE DESIGN TRASHES. PROVIDE CERTIFICATION FROM THE ELECTRICAL PROVIDER SHOWING THE DATE OF TEST. CONTROLLER LOCATION/MATERIALS MANDATE TRAINING AND TEST RESULTS.

**PLANT MATERIAL**

PLANT MATERIALS TO BE SELECTED FOR CLIMATE APPROPRIATE. INSTALL PERENIAL AREAS, DECIDUOUS WHERE EVER SUGGESTED IS COMPLETED.

**REVISIONS AND FINAL INSTALLATION**

REVISIONS TO PLANS AS THE WORK PROGRESSES. INDICATING THE ACTUAL LOCATION OF PLANTING PLUS, SET THE RECIPIENT PLAN ON SITE DURING CONSTRUCTION, SUBMIT FINAL ALIGNED TO THE OWNER'S REPRESENTATIVE.

TRENCHES AND DINE INSTALLATION

INSTALL ALL ItemS IN PLACE FLAT. IF NECESSARY, REMOVE UNSTABLE SOIL OR MUCK FROM THE TRENCH Bottom AND INSTALL A 6 INCH FOUNDATION OF COMPACTED CLAY 1 RECOMMEND MATERIAL. REMOVE WATER FROM THE TRENCH BEFORE DRAINING. CEMENT 6 INCHES BELOW THE SURFACE. DRAIN THROUGH A SCREEN AND WATER TURBINES OR OTHER DEVICES TO KEEP DIRT, DEBRIS, ROOTS, ROCK OR OBJECTS THAT COULD DAMAGE THE PIPE, TUNNEL, OR TRENCH.

MAKE PVC SOLENOID VALVES CONNECTIONS IN ACCORDANCE WITH ASTM D2867. APPLY PURPLE COATED PVC PLUMBING IN ACCORDANCE WITH ASTM D2867. APPLY PVC PLUMBING IN ACCORDANCE WITH ASTM D2867.

**IRRIGATION SYSTEM**

IRRIGATION SYSTEM TO BE INSTALLED TO MEET THE CITY OF HALLANDALE BEACH, FLORIDA WATER PRESSURE REQUIREMENTS. MORTAR TESTS ARE TO BE PERFORMED AFTER INSTALLATION TO CONFIRM THE LEAK TEST RESULTS. MORTAR TESTS ARE TO BE PERFORMED AFTER INSTALLATION TO CONFIRM THE LEAK TEST RESULTS.

**FLUSHING**

FLUSHING IS TO BE PERFORMED ONLY AFTER THE SYSTEM HAS BEEN COMPLETED AND APPROVED.

**PERMIT SET**

PERMIT SET OF PLANS IN ACCORDANCE WITH THE CITY OF HALLANDALE BEACH, FLORIDA WATER PRESSURE REQUIREMENTS. MORTAR TESTS ARE TO BE PERFORMED AFTER INSTALLATION TO CONFIRM THE LEAK TEST RESULTS. MORTAR TESTS ARE TO BE PERFORMED AFTER INSTALLATION TO CONFIRM THE LEAK TEST RESULTS.

**FRESHWATER SOME**

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