The following clarifications are to be made to the Request for Proposals for Irish Hunger Memorial Waterproofing Contractor. The clarifications are provided in response to questions submitted by prospective proposers.

**Questions:** (answers to all question are shown in **Bold** immediately after the question)

- **Will the soil and planting of the Lower Furrows and Middle Furrows be removed or protected as part of the project? If the plan is for them to be protected, what would be the protection required?** Protect in place based upon contractor means and methods. If the proposer can gain efficiencies by removing material in the lower two furrows in order to create access to the upper furrow, then the proposer may propose this change in its approach to the Project and reflect any gained efficiencies in its schedule and in its bid number. If an alternate approach is suggested, the cost proposal should reflect a cost without the modification and an alternate cost with the modification.

- **When are the approximate start and finish dates for the project?** It is BPCA’s objective to complete the Project as professionally, expeditiously and cost-effectively as possible and to close public access to the Memorial for as short a period as is feasible. It is anticipated that the construction duration will run from approximately Nov 2015 to May-July 2016, depending upon the exercise of weather protection alternate.

- **Can Jersey barriers with 6’ chain link fence and mesh be used in place of the chain link fence alone?** Concern of the stability of the chain link fence with the wind. Determination to be made by proposer according to its selected means and methods.

- **Are there any liquidated damages?** No

- **During the removal of the existing stacking stone, there is a possibility of damaging some. Can you please provide us with a provider?** BPCA does not have a supplier for this material.

- **Will power be available, or are generators required?** Power is available.

- **Will there be access to water?** Ground hydrants are available on the site but are turned off and blown out in November for winterization.
Is Alternate 1 to be expected to stay in place for full duration, or only winter months? **Only as needed**

Can soil be removed with machines? **Yes, providing that the soil is not driven over or compacted in the process.**

Is a Site Safety Manager required? **No**

Is a site safety plan required? **Yes**

Can trailers be stored onsite or is a field office going to be provided? **Assume contractor to provide trailer. Provide as a separate line item in the cost proposal the cost for the trailer. Do not include the trailer cost in the total bid price.**

What are the hours of work? **Normal work hours 7:00 am – 5:00 pm, or as agreed upon**

Are existing and final surveys required? **Yes**

Regarding MBE and WMB requirements, if requirements are not meant [sic], please confirm that a letter stating why percentages could not be made is acceptable. **A request for a waiver of the MWBE requirements must be submitted to Empire State Development Company (“ESDC”), but the requested waiver must be granted prior to the execution of a contract. Therefore, the waiver request must be submitted immediately upon notification to a proposer that it has been selected. If the request is not approved then the selected proposer must be prepared to meet the requirements, or an alternate proposer may be selected. The granting or denial of a waiver is a determination made by ESDC, not BPCA.**

Who is responsible for all permits? **DOT, BUILDNG PERMIT, WORK PERMIT? Contractor**

As per the provided Exhibit F – form of schedule of values document will there be further detail / bid form scope breakdown? **No. Provide costs per Exhibit F**

Page 7 of the provided Project Manual, Item C refers to Title 40 Protection of Environment: Environmental Compliance and Pollution Prevention Guide “only” pertains to the treatment of the area to be painted and the disposal of the debris resulting from the surface preparation. Please clarify? **This Title 40 item refers to painting. The gate is the only painting in the Project.**

Page 8 of the provided Project Manual, Item G: references all temporary pedestrian protection / sidewalk sheds – installation and maintenance “in compliance with current law.” What is the current law? Please provide referral documents for review of all rules
and regulations. **Proposer is responsible for identification and interpretation of current law applicable to the scope of the Project.**

Page 8 of the provided Project Manual, Item I – refers to hours of work per BPCA direction – please define or indicate any overtime / night / weekend work / holiday work / winter work? **Normal work hours 7:00 am – 5:00 pm, or as agreed upon**

Are there any specific requirements/restrictions for deliveries of materials, routing/trucking, or site /area restrictions? **No.**

Page 8 of the provided Project Manual, Item 1.05 Owner Occupancy – please define owner operations activity during construction durations? **Memorial will be closed for the duration of the Project.**

Page 8 of the provided Project Manual, Item 1.07 **Destructive inspection** – please define in further detail this term and the percentage associated with this process (2.5%)? **Destructive inspection refers to probes requiring removal and replacement of materials accounting for up to 2.5% of the total contract amount to allow for design team inspection of work.**

For all requested Warranty Pricing / Items: Section 3.5.2 Warrantee scope / costs to provide appropriate costs, are you requesting a breakout / description of warranties for pertinent items? **Bid is to include a description of all warranties provided which should be covered by the total bid amount. These do not need to be broken out.**

During bid process – can contractor assume/obtain interior access to inspect current set up of watering system / sprinkler – for all tie in’s and any additional scope pertaining to current system? **Contractor can make an appointment to visit the site on 10/22 or 10/23.**

Does the resin basin waterproofing system application apply to all verticals/ wall’s etc being waterproofed? **Yes.**

Does the BPCA – have a recommended list of electrical and plumbing contractors pre-approved and recommended for the project? If so can you please provide? **No.**

During Cataloging and removal/demo phases of the project is there a specific software or digital location/template/etc. to provide photography activity and documentation for the project? Or is it the responsibility of the contractor to provide this? **Contractor is responsible for cataloging and documentation and selection of appropriate means and methods.**
All existing granite paving surround [sic] the monument is it required to protect all paving with protection [sic] surfacing due to the fragility and availability of new material for potential replacement? If so please provide further details of potential protection measures for the entire area or specific areas of most usage?

**It is proposer’s responsibility to select the appropriate means and methods of protecting all existing site elements, including paving, designated to remain on the site during construction.**

It is our assumption at this time that all removed / salvaged materials are to be stored off site and no materials are to be stored on site, please clarify?

**There is very limited space available on site, so the proposer should assume that removed/salvaged material are to be stored off site in accordance with the proposer’s selected means and methods. Off-site storage location to be reviewed and approved by design team, CM, and BPCA.**

Please provide a structural slab weight limitation diagram or drawing to define equipment usage on the deck during construction?

**No weight bearing analysis is currently available. Proposer is to provide a proposed list of equipment including weights, etc. for review and approval.**

Landscape Demolition plan removal legend indicates existing irrigation mains to remain – verification and testing of watering systems / mains must be conducted to verify mains are usable for new construction? What testing measures / verification process should contractor assume? **Selected proposer is to verify valve to be retained as being operable.**

Is there an existing or forth coming grading plan to verify all scope pertaining to removals / reinstallation, sitework, etc.? **All removals are to be down to the structure to expose waterproofing.**

Landscape Demolition plan refers to Irrigation as built drawing set. Are these documents available if so can you please provide for review?

**See attached as built drawings from the original construction of the structure**

Is there an available and/or specific recommended list of approved off-site storage locations for soils and other materials? **Proposer is to submit its proposed storage location for approval by landscape architect and BPC Parks. At this time there is no space in BPC to store soils.**

Landscape Demolition Detail 3 Page DM.150.00, indicates Drainage Mat on structural fill to be protected in place – during demo process and potential damage and defects –
should contractor provide percentage of new material installation or add alternate for new drainage mat? Provide a unit price per square foot for new drainage mat. Need for replacement will be determined by design team.

Is the project expected to be broken down into phases of construction in conjunction with our included Bar Chart Project Schedule?

Proposer should clarify proposed schedule and any proposed phasing, and submit with bid.

At the West area of the site is public access and protection measures required allowing access from the waterfront park walkway areas or will this area of the site be completely blocked off? The work site will end at the cobble band on the west side, and there will be no public access into the work site; however, public access to the west of the site will remain open and in use.

Please define security measure requirements during construction? Site is to be kept safe and secure as part of the contractor’s selected means and methods.

If current limestone paving is damaged during any phase/s of construction – Is the contractor responsible for providing new material? This can be provided as an allowance / ad alt for new material percentage to replace currently damaged material or damaged material during construction? Contractor is responsible for protection and/or replacement of any existing material damaged during the Project.

Please provide location / contact info of existing granite paver stone provider? Contractor is to source materials.

As site walk thru was conducted 9.30.15 the existing limestone paving, in certain areas have existing damage. Will a cataloging and documentation of current limestone paving existing conditions be conducted or required? Contractor is to document existing conditions.

Is it suggested for the contractor to provide an equipment plan upon bid date submission? Yes.

Is it suggested for the contractor to provide a logistics plan upon bid date submission? Yes.

Is there a logistics plan available for reference? No.
Is there a SWPP plan available as Site Clearing Section 311000 references Temporary Erosion and sedimentation control measures? See 311000 3.2 Erosion control as per standards.

Soils to be removed and stored off site please define amendment/s measures required? TBD after soil is tested by contractor and amendments are recommended.

Section 311000 Site Clearing Item 3.6 Topsoil Stripping Item D. note states “when stockpiling Planting Soil ONSITE do so away from edge of excavations without intermixing with other materials” From previous notes assumed all soils to be removed and stockpiled off site – please clarify? No soil is to be stockpiled on site.

Specification Section 312000 Earth Moving – 3.6 Storage of Soil Materials Stockpile planting soil materials off structure and at a preapproved location – please provide preapproved location? See response to #21 above. Contractor to provide storage location for design team, CM and BPCA review and approval.

Are there any noise restrictions in reference to equipment usage and types during construction? Normal restrictions apply.

Is a mock up required for Exposed Aggregate Concrete walkways? Yes.

Please define edging type at Exposed Aggregate Concrete walk ways? Edging to match existing. Subject to sample approval by Artist and BPCA.

Please define edging type at landscape areas? Edging to match existing. Subject to sample approval by Artist and BPCA.

Please clarify if Welded Wire Mesh or Rebar is required for Concrete Walks for reinforcing? Refer to drawing A-703

Please indicate where there is an available onsite water source (outside and inside the building)? Ground hydrants are located at plaza level but are winterized in November.

Is there an available PLA agreement document for review? There is no project labor agreement associated with the Project.
Will Public Bicycle racks / bikes be accessible to the public during construction? Yes

Alternate pricing Alt 1 coverage heated weather enclosure – can you please provide further information / details / specifications of potential coverage systems / measures suggested by the owner if work is to be conducted during winter work periods? 

**As stated in Alternate: Provision of a full coverage, heated weather enclosure to encapsulate the monument for the duration of work allowing work to proceed in all weathers.**

As per Drawing A-703.00 Detail 1 – New Reinforced Poured Concrete Slab please define areas / scope *Exhibit A Scope of Work* does not refer to this scope of work. 

*The referenced area is the Monument walkway. Refer to drawing A-100.*

Drawing A-703.00 Detail 1 – New Reinforced Poured Concrete Slab 4” Thick please verify the required depth? 

*4” minimum.*

As per drawing L-200.00 Diagrammatic Grading & Soils Placement Plan – Please verify the total # of Landscape Drains is 5 and each drain is to remain and be protected. 

*3 drains to remain and protect in place. See architectural dwgs attached to RFP for further information.*

As per drawing L-200.00 Diagrammatic Grading & Soils Placement Plan will there be updated / further detailed grading plan provided? 

*Grades will be restored as per the existing conditions survey. Contractor to perform survey as per specifications.*

Can you please provide any structural, civil, and architectural drawing sets as various details refer to architectural, structural plan sets reference? 

*See attached as-built drawings for the original construction of the structure.*

Drawing L-250.00 Details 1 thru 4-shows Impermeable Membrane material – please define or provide specification for scope. 

*See architectural dwgs. attached to RFP.*

Removal of Portions of the Stone Cladding at the past through entrance corridor to the monument is there an exact or approximate quantity of stone to be removed or further detail of this scope of work? 

*Remove as needed to install louvers. Refer to drawing A-202.*

Blank Glass Panels in the stone cladding areas to be removed is removed material expected to be salvaged or discarded and new material provided?
Glass panels to be removed and reinstalled as/if needed. All materials to be salvaged to greatest extent possible.

Please indicated location of Metal Vault Hatches for removal and replacement scope of work?
On Monument walkway. Refer to drawing A-100.

During Demo and removal stages of construction all existing CMU/Concrete core walls expected to remain is the contractor responsible for inspection / testing / surveying the integrity of core walls for approval of new stone material and all applicable items for wall construction?
Yes.

Can you define in regards to bidding process removal and rebuilding loose or damaged portions of core walls (i.e. percentage, allowance). Proposer to provide a unit price for replacing core walls per square foot.

Should contractor price full removal and reinstallation of new CMU/Core walls as alternate (pending on core wall structural integrity / condition)?
No, provide unit pricing per square foot. Need will be determined by design team.

Prepare prime and paint sliding gate at monument entrance – is contractor expected to provide new sliding gate and/or remove / store / upgrade / reinstall the gate?
Prepare, Prime, & Paint. Remove & store as/if needed to perform work.

Please define suggested staging areas on site? Project area defined by curbline on the north and east sides, south boundary is the retaining wall, and the west boundary is the cobble band at the tree planting pit.

Is the contractor responsible for street closure / lane closure on either North End or Vesey Place Avenue / Streets?
Contractor to determine necessity for street closing.

Is a complete street closure possible at Vesey Place Avenue? No.

The existing lawn area South / adjacent to the site, will this area or can this area be used for staging, storage, logistic / equipment usage? No.

For all removed soils what is the expected depth of removal? See attached as-built drawings.
By signing the line below, I am acknowledging that all pages of the addendum have been received reviewed and understood, and will be incorporated into the bid price submitted. This document must be attached to the proposal for consideration.

________________________  __________________________  ________
Print Name                        Signature                      Date

Number of pages received: ____________<fill in>
AS BUILT PLANS
### Material Membrane 6125

**Manufacturer:** American Hydrotech, Inc.  
**Address:** 303 E. Ohio Street, Chicago, Illinois 60611  
**Inquiries:** For HYDROTECH Instructions  

**TEMPORARY WATER TREATMENT SYSTEM**

- **Temporary Water Treatment System**  
- **Hydraulic Membrane Process**  
- **Temporary Water Treatment System**  
- **Temporary Water Treatment System**  
- **Temporary Water Treatment System**  

**Figure:**

- **Membrane 6125 Diagram**  

**Table:**

<table>
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<tr>
<th>Component</th>
<th>Description</th>
<th>Specification</th>
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<tr>
<td>Membrane 6125</td>
<td>Membrane type for temporary water treatment</td>
<td>6125</td>
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<td>Manufacturer</td>
<td>American Hydrotech, Inc.</td>
<td></td>
</tr>
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</tbody>
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**Notes:**

- Membrane 6125 is designed for temporary water treatment applications.  
- The hydraulic membrane process ensures efficient water filtration.  
- Contact American Hydrotech for inquiries or support.  

**References:**

- **American Hydrotech, Inc.**  
- **303 E. Ohio Street, Chicago, Illinois 60611**  
- **Membrane 6125 Instruction Manual**
SOIL SPECIFICATIONS AND KEY TO SOIL ZONES

SOIL PROFILES 'A', 'B', 'C' CORRESPOND TO SOIL TYPES 'A', 'B', 'C'.

ALL BASE TOPSOIL SHALL CONFORM TO SECTION 02900 OF THE CONTRACT SPECIFICATIONS ISSUED FEBRUARY 8, 2001 FOR THE IRISH HUNGER MEMORIAL WITH THE CLARIFICATIONS AND MODIFICATIONS AS ITEMIZED BELOW:

TOPSOIL TYPE 'A'
SHALL CONSIST OF 25% BASE TOPSOIL, 25% LEAF MOLD, 25% SAND AND 25% CRUSHED BLUESTONE. PH: 6.0 TO 7.0 INCLUSIVE.

TOPSOIL TYPE 'B'
SHALL CONSIST OF 80% BASE TOPSOIL AND 20% PINE OR OAK LEAF COMPOST. PH: 5.5 TO 6.5 INCLUSIVE.

TOPSOIL TYPE 'C'
SHALL CONSIST OF 100% BASE TOPSOIL. PH: 6.0 TO 7.0 INCLUSIVE.

CONTRACTOR SHALL FOLLOW ALL STIPULATIONS FOR SUBMITTALS AND TEST FOR EACH INDIVIDUAL SOIL TYPE.
POLYPAVEMENT TOP COURSE 4"

2" UPPER BASE COURSE 3/8" COMPACTED CRUSHED STONE

6" BASE COURSE 3/4" AGGREGATE COMPACTED

WIDTH VARIES
MIN 5' - MAX 6'

UPPER CONCRETE SLAB
SEE STRUCTURAL DRAWINGS
FOR LAYOUT AND EXTENTS
SYSTEM REQUIREMENT

24 GPM * 75 PSI

GENERAL NOTES

1. IRRIGATION PLAN IS ODGAMATIC. ALL IRRIGATION EQUIPMENT WILL BE LOCATED IN THE FIELD BY THE IRRIGATION INSTALLER.
2. IRRIGATION INSTALLER TO LAYOUT AND PLACE ALL IRRIGATION EQUIPMENT PRIOR TO INSTALLATION. LOCATIONS SHALL BE APPROVED BY THE ARCHITECT.
3. INSTALL ONE 4" PIPE AND ONE 3" PIPE AT EACH SLEEVE LOCATION.
4. IRRIGATION INSTALLER TO INSTALL RAIN SENSOR IN A LOCATION APPROVED BY THE ARCHITECT.
5. INSTALL BOOSTER PUMP IN MECHANICAL ROOM OF HYPER BUILDING.

SYSTEM COMPONENTS:
- Controller: Rainmaster Evolution 1x1
- Rain Sensor: Rainbird
- Quick Coupler: Rainbird #105
- Booster Pump (in/Hex Room): Watertronics #6583 - 1.5/208.3.2