



## Tender Response Form: Sea Piece Bronze, Port Sunlight

Please complete the below Tender Response form with relevant costings for each stage of the work.

Task	Cost
<b>Removal of Sea Piece</b>	
<p>Allow for a stone mason (with experience of working with historic masonry) to carefully remove Sea Piece from its base.</p> <p>If you do not have a stone mason within your project team, please state this in the Tender Response Form so that PSVT can provide a recommended contractor.</p>	
<p>Disconnect pipes from base of Sea Piece and pond.</p> <p>Once Sea Piece has been removed, carefully inspect base (or any previously inaccessible area) for any evidence of original patina and surface finish which may inform the specification for the new surface patina.</p>	
<p>It is believed that Sea Piece is fixed to its base with metal dowels.</p> <p>Photograph and record the size and spacing of the dowels for the project engineer. Check condition of the dowels.</p> <p>Allow for minor cleaning and any repairs required to the dowels believed to fix the bronze to the stone plinth.</p> <p>Assess condition of lead flashing between the stone plinth and base of bronze. Repair if possible and replace if required.</p>	
<b>Packing and Transportation</b>	
<p>Provide sufficient protection to Sea Piece to protect it in transit.</p> <p>Provide costs for the following:</p> <ul style="list-style-type: none"> <li>• Transport Sea Piece from Port Sunlight to the conservation studio</li> <li>• Transport Sea Piece from the conservation studio to storage (if required)</li> <li>• Transport Sea Piece from storage to Port Sunlight</li> </ul> <p>Please note Port Sunlight Village Trust aims to meet the following best practice guidelines when commissioning transportation for its collection pieces (such as Sea Piece): Annex E: Transport conditions which apply under the Government Indemnity Scheme (see link: <a href="#">Government Indemnity Scheme: guidelines for non-national organisations   Arts Council England</a>)</p>	

<b>Cleaning</b>	
Remove all dirt and grime from the statue (including the nozzles) using DOFF superheated water system (however alternatives will be considered).	
<b>External Screws</b>	
Provide costs for three replacement screws (to match current screws)	
<b>Pipework</b>	
Ensure that the existing internal pipe fixings and supports are solid and in good condition.  Provide PSVT with a summary assessment of the condition of the internal plates and brackets (when undertaking your inspection) and suggest any further treatment required.  Note that the internal pipework itself will be repaired/replaced by others, but with the support of the bronze specialist. This work may need to take place at your studio.  Note that due to the age of the pond and its pipework, asbestos may be present in any pipe joints within the pond. Please be aware of this in relation to Sea Piece	
<b>Corrosion</b>	
Take sample active corrosion where suspected	
Analyse corrosion samples by RAMAN spectroscopy (if possible).  If you are unable to undertake this analysis please state this here, and this will be completed by the PSVT client advisor,	
Remove all corrosion and limescale deposits by peening, wet abrasion and surface patina removal. Alternative methods will also be considered.	
Peening/air abrasion treatment to remove any active corrosion  After each treatment cycle, allow seven days for any evidence of re-emergence of corrosion products.  Allow for up to three cycles of treatment of active corrosion in your costs.	
Fill holes with epoxy-resin putty	
<b>Repatination</b>	
Inspect base of Sea Piece for any evidence of original patina. If evidence found, take samples for analysis.	
Prepare up to three samples of the repatination colour for review and written approval by PSVT representatives and local authority conservation officer.	
Repatinate bronze to replicate the original colour of Sea Piece as evidenced by archival materials and touch in of any epoxy-resin fills to match the new finish colour	

<b>Protective Wax Coating</b>	
Apply two coats of micro-crystalline wax, hot, as a protective coating. Hard wax can be used for shallow cracks and small holes	
<b>Samples</b>	
Provide additional costs (if any) associated with preparing samples of the following for review and approval by PSVT and/or its agent: <ul style="list-style-type: none"> <li>- cleaning of the bronzes using super-heated water (DOFF or alternative methods)</li> <li>- removal of corrosion and brown patina in readiness for repatination</li> <li>- wax/putty filling,</li> <li>- peening/air abrasion to active corrosion,</li> <li>- patination and wax coating</li> </ul>	
<b>Mounts and Storage</b>	
Provide cost for storing the bronze at your studio for up to 12 weeks if project over runs. If this is not possible, please state this in your application.	
Create a mount to hold Sea Piece so that you can safely work around the bronze and fully access all areas of the piece.	
<b>Reinstallation of Sea Piece</b>	
Allow costs for two additional days on site once works complete: <p>The first will be to coordination reinstallation of Sea Piece and reconnection of the fountain and water play features.</p> <p>The second site visit will be after the construction works to the pond are finished to provide a light clean and attention to any localised areas where the wider project works might have compromised protective wax coating.</p>	
<b>Health and Safety, Access and Security</b>	
Any general health and safety, access or security related costs.	
Manage the safety aspects associated with the public highway & foot path during removal of Sea Piece	
<b>Report</b>	
Conservation report documenting works carried out, materials and methodology with sufficiently detailed photographs (before and after each phase of the works)	
<b>Personnel</b>	
Meetings (assume 3 x on site meetings, 1 x visit from PSVT project team to studio and 4 x online meetings)	
Travel/accommodation	
<b>Other items</b>	
Any other items not listed above, necessary to complete the works	
<b>Timeframe</b>	
Estimated timeframe for the project works	
<b>Total Cost</b>	

