

Ser	TENDER ADDENDUM	Status
1	<p>Historic Lamp Refurbishment – Request for Option Prices</p> <p>It appears that the current specification for the refurbishment of the various lanterns has been interpreted as follows:</p> <ul style="list-style-type: none"> • The lanterns are to be LED complete with drivers etc • Banks of lamps may be controlled and powered from a single LED Driver. • They need to be refurbished and then sent away for specialist testing and certifying. <p>On reflection our concern is that in converting the lamps to a fully LED type fitting they may not look the part i.e. a candle in a lantern</p> <p>Please provide option prices based on the following:</p> <p>Option 1 - As current specification</p> <p>Option 2 -</p> <ul style="list-style-type: none"> • Rewire, new electrical fittings and re-lamp with a suitable low energy/LED lamp that has a candle appearance and provides the lumens as specified. • Tested by a qualified electrician for safe use. • No general refurbishment of the fitting itself and NMRN will progressively refurbish the lamps exterior and reflectors. • Return fitting to site, re-install and test the circuit. <p>Option 3 -</p> <ul style="list-style-type: none"> • As Option 2 "Rewire, new electrical fittings and re-lamp with a suitable low energy/LED lamp that has a candle appearance and provides the lumens as specified." • Tested by a qualified electrician for safe use. • Renew any broken glass in the lanterns. • Return fitting to site, re-install and test the circuit. <p>Option 4 -</p> <ul style="list-style-type: none"> • As Option 2 "Rewire, new electrical fittings and re-lamp with a suitable low energy/LED lamp that has a candle appearance and provides the lumens as specified." • Tested by a qualified electrician for safe use. • Refurbish the metal/brass work and glass as necessary • Return fitting to site, re-install and test the circuit. 	

NO	QUESTION AND ANSWERS	STATUS
1	<p>Q - What Bandwidth is available on board - and will this be sufficient for the intended requirements? Will BT liaison and services be provided (by National Museum of the Royal Navy (NMRN)) and available during the appropriate project stage</p> <p>A -</p> <ul style="list-style-type: none"> <i>NMRN will provide liaison services between it's IT providers and the Contractor.</i> <i>The IT connection to the ship is to be maintained for the duration of the project apart from a short (1 day) change over if required. This is required to maintain CCTV, phone for the Night Quartermaster and other reporting facilities.</i> <i>The whole PHD site has a broadband connection of 500Mbps which is shared across the site. HMS Warrior has an equal share of this with everywhere else but exact speeds will depend on demand during the day.</i> <i>NMRN are prepared to allow the contractor to use NMRN connection for a project office. NMRN can set them up the Contractor with a dedicated network and allocate them a portion of the broadband, probably in the region of around 30Mbps.</i> 	
2	<p>Welfare Facilities to be provided by Sub-contractor to be sited on Quay at far end away from public. Utilities (Water and Electric) will be provided to a point of disconnection by NMRN?</p> <p>A – As set out in the PCI</p> <ul style="list-style-type: none"> <i>Power supply available from the feeder pillar that supplies HMS Warrior</i> <i>potable water, water for washing and flushing of toilets is not readily available and should be provided by the contractor, as will the effluent tank. No water run-off into the water streams will be permitted.</i> 	
3	<p>Please confirm locations of welfare facilities and site compound.</p> <p>A – This is set out in the PCI which was provide with the tender. The welfare facilities are to be set up at the west end of the Jetty which is adjacent to HMS Warrior</p>	
4	<p>Is there presence of Asbestos on board? If present is removal is provided by others (NMRN)- will any discovery of Hazard materials to be notified to Project Manager who will test and confirm material</p> <p>A – The PCI and Tender Information sets out the available Asbestos reports.</p> <p><i>Kadec drawings and schedule included in the tender information</i></p> <p><i>The Contractor will be responsible for testing any suspected Asbestos materials found. Please allow a Provisional Sum for this</i></p>	
5	<p>Confined Spaces will be Gas freed and tested prior to commencement of work by NMRN? Work permits to be issued by NMRN Health and Safety; with Electrical Sub-contractor providing their own Gas monitors?</p> <p>A – Correct</p>	

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6	<p>Is the deck of the cable gallery within the ship side void spaces approved for safe conduct of work? Will the NMRN be able to confirm this prior to commencement of installation works?</p> <p><i>A – deck is structurally sound</i></p>	
7	<p>Q- Will all working at height will be undertaken by the NMRN specialist Riggers in liaison with successful contractor?</p> <p><i>A – Yes NMRN Riggers will be able to assist with works to the mast lighting. For clarity all internal working at height will be the responsibility of the Contractor to provide access and carry out the works</i></p>	
8	<p>Will the Existing Auto dialler circuit remain?</p> <p><i>A – We assume a new auto dialler connected to an existing auto dialler circuit to Dockyard Security</i></p>	
9	<p>Any and all structural alterations/enabling works within the ship is to be carried out by NMRN Specialist joiners/shipwrights?</p> <p><i>A – As set out in the Tender Documents; Only timber work opening up works will be carried out by NMRN Shipwrights with notice from the Contractor.</i></p> <p><i>There should not be any other structural works to the ship. If there are then the NMRN are to be consulted and authority given prior to any works being carried out.</i></p>	
10	<p>Requirement during Public Opening all items of materials out of public eye need not be in keeping with time period?</p> <p><i>A – Correct</i></p>	
11	<p>Is there requirement for ventilation for the batteries for the ventilation system?</p> <p><i>A – As per contractor design to suit the equipment proposed.</i></p>	
12	<p>Are there any drawings of the current electrical installation?</p> <p><i>A – All available drawings have been provided</i></p>	
13	<p>Is there a current fire plan showing location of points etc....?</p> <p><i>A – None that we have available.</i></p>	
14	<p>Are there any specs for the current auto dialler?</p> <p><i>A – We assume new auto dialler connected to an existing circuit</i></p>	

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15	<p>Quantity of miscellaneous equipment (talkback system etc...)?</p> <p><i>A –Ascertained by Contractor site survey.</i></p> <p>As an indication, for Talkback system (which is to be removed):</p> <p>Talk Back system to be removed. Present point locations are:</p> <p>1 x Gun Deck fwd</p> <p>1 x Gun Deck aft</p> <p>1 x Shop Area</p> <p>1 x Catering Galley</p> <p>1 x Cable Locker Flat</p> <p>1 x Wardroom</p> <p>1 x Macerator Flat</p> <p>1 x Engine Room</p>	
16	<p>Quantity of existing Tv system? <i>NMRN Comment: Assume this refers to CCTV?</i></p> <p><i>A – Ascertained by Contractor site survey. But for information the following cameras are on board:</i></p> <p>4 x cameras aloft on masts (1 of which tilt/pan/zoom)</p> <p>1 x cable deck</p> <p>4 x gun deck</p> <p>1 x half deck</p> <p>1 x Captain's Cabin</p> <p>1 x wardroom</p> <p>1 x gun room flat</p> <p>1 x Lower Steering Flat</p> <p>1 x Marine's Flat</p> <p>1 x Cable Locker Flat</p> <p>2 x Seaman's Flat</p> <p>1 x Bathroom Flat</p> <p>1 x shop</p> <p>1 x cells</p> <p>1 x macerator Flat</p>	

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	<p>1 x Fwd Boiler Room</p> <p>1 x Aft Boiler Room</p> <p>1 x Engine Room</p> <p>1 x Aft Magazine</p> <p><i>There are two NVRs in the comms cabin for the system hooked up to a number of cameras across the ship.</i></p>	
17	<p>Provision of 1-hour fire enclosure – more details required – is this a steel enclosure for each distribution board? Or is this a fireproof insulated room required to be installed?</p> <p><i>A – As set out in the drawings this is a new partition wall arrangement to create a Fire Enclosure</i></p>	
18	<p>Quantity of heaters in ducted ventilation?</p> <p><i>A –Determine Contractor by site survey</i></p>	
19	<p>Any details, spec, drawings of the ventilation system?</p> <p><i>A –NMRN – Non available at this time</i></p>	
20	<p>Quantity of duct heater batteries?</p> <p><i>A –Determine by Contractor site survey post award</i></p>	
21	<p>Quantity and lengths of ladders on visitor and non-visitor routes?</p> <p><i>A – This will be subject to Contractors survey</i></p>	
22	<p>Dimensions of static inverter room required along with details of equipment installed?</p> <p><i>A – This will be subject to Contractors Survey</i></p>	
23	<p>Quantity of sockets, shelf lights and police lights in cable deck forward</p> <p><i>A –Refer to specification clause 1.19.1 and also total numbers in Appendix A3 and supplement with site survey</i></p>	
24	<p>Quantity of lights in sick bay?</p> <p><i>A –Refer to 1.19.2 and Appendix A3 and supplement with site survey. Included within the figures for the lower deck.</i></p>	
25	<p>Unable to see handrail requirements in the spec?</p> <p><i>A –As per HMS Victory detail</i></p>	
26	<p>Quantity of lights and shelves in the main gun deck?</p> <p><i>A –See schedules specification clause 1.19 plus site survey</i></p>	

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27	<p>Shelf quantity in galley seating area</p> <p><i>A –See specification clause 1.19 supplemented with site survey</i></p>	
28	<p>Some compartments detail the quantity of lights, but the following areas do not, could you clarify the quantity of lights in each of the following areas</p> <ul style="list-style-type: none"> a. Routines desk b. Commandos cabin c. Gallery storeroom d. Quartermasters mess e. Lobby area f. Volunteers mess g. Sail locker h. Cable locker flat i. Shell store j. Marines flat k. Pantry / captains steward l. Aft magazine and handling room m. Bread room n. Engine room o. Cells p. Handling rooms a. Shops b. Bathroom flat c. Seamans flat d. Void space port and stbd e. Issuing room flat f. Gunroom pantry g. Gunroom h. Wardroom and cabin area i. Surgeon and assistant engineer office j. Shaft tunnel k. Auxiliary space l. Fwd and aft boiler room m. Stairwell to function heads n. Upper deck <p><i>A –Refer to schedules specification clause 1.19 which shall be supplemented by Contractor site survey. Historic-style lighting in all compartments listed above is included within Appendix A3 of Appendix 2b of the tender documentation.</i></p>	

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29	<p>Some compartments detail the quantity of sockets, but the following areas do not, could you clarify the quantity of sockets required in each of the following areas</p> <ul style="list-style-type: none"> a. Quartermasters mess b. Lobby area c. Volunteers mess d. Engine room e. Shop f. Bathroom flat g. Upper deck <p><i>A –At least as per the existing number determined by Contractor site survey</i></p>	
30	<p>Clarification regarding quantity of heaters required in the following areas</p> <ul style="list-style-type: none"> a. Engine room b. Gunroom <p><i>A –Heaters to be omitted from these locations</i></p>	
31	<p>Clarification of engine controls? What are these? Any photos available?</p> <p><i>A – these are the controls for the small motor which turns the replica engine. Motor is located in the shaft tunnel whilst the controls are located in the bread room/engine room. Specification states that engine room controls are to remain in current position i.e. no works but retain</i></p>	
32	<p>Upper deck concealed lighting? Locations, any photos available?</p> <p><i>A –Contractors proposal required</i></p>	
33	<p>Spec calls for MICS cable, will a marine type approved equivalent be accepted?</p> <p><i>A –Refer to specification clauses 1.12.1, 1.16.2, 1.20.1.1 etc</i></p>	
34	<p>Clarification on all cable types to be used, FP200 was mentioned as the cable to be used on the survey. Is this for all systems or just the fire systems? Can a marine approved equivalent be used across the whole refit?</p> <p><i>A –Refer to specification clauses 1.12.1, 1.16.2, 1.12.1.1 etc</i></p>	
35	<p>P.A system speaker type and configuration?</p> <p><i>A –Contractors proposal required, refer to specification clause 1.24</i></p>	
36	<p>Existing system overview details?</p> <p><i>A – See specification clause 1.24 and above</i></p>	

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37	<p>Standalone system details?</p> <p><i>A – See specification clause 1.24 and above</i></p>	
38	<p>CCTV, data and PA system specialist we use is a marine specialist and as such is not NSI approved, will this be accepted?</p> <p><i>A –This would be acceptable. Proposed specialists to be issued with return of tender submission.</i></p>	
39	<p>Drawings for data locations and quantity mentioned in the spec but not shown anywhere?</p> <p><i>A –Specification requires a data system at least equivalent to the existing provision plus a WiFi system throughout the vessel. Contractor proposal required.</i></p>	
40	<p>Quantity and location of telephones required?</p> <p><i>A –Specification requires a telephone/data system to the existing provision. Contractor proposal required.</i></p>	
41	<p>Quantity of incoming phone and data lines required?</p> <p><i>A – As existing noting that Phones are VOIP</i></p> <p><i>Currently we have one main fibre line coming into the ship which terminates down in the bottom of the ship under the staff/volunteer area. All the connections then run from this location across the ship. Presently, we have 3 running into the office space on the deck above the cabinet, 1 running into the comms office, 2 running into the galley with one on each side. One of these runs through a cabin on the deck below and has a switch device in between but I would be happy for this to be removed and have a straight run put in. We also have two connections running up the Mizzen mast with one for WiFi and the other for the webcam.</i></p> <p><i>These are all data lines as the phones run over our data connections.</i></p>	
42	<p>Type and quantity of ISP provided routers?</p> <p><i>A – There are no ISP supplied routers on board</i></p> <p><i>The ship is up-linked via an internal fibre connection to our main server room. On board we have 2 Extreme network switches, although these are soon due to be replaced with Aruba switches. The main one is in the bottom of the ship where the fibre connection comes in and terminates. The other is in the comms cabin.</i></p>	

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43	<p>Wi-Fi coverage required for the entire vessel? Steel bulkheads will cause an issue</p> <p><i>A –Provide a contractor’s proposal with multiple WiFi points and confirm the anticipated coverage the system would provide.</i></p> <p><i>Currently, we have WiFi in the comms cabin which covers the majority of the aft end of the ship. We then also have one in the galley which covers the middle section well. We also have the radio up the Mizzen mast which covers the top deck and jetty. We don’t have any coverage towards the front of the ship and the coverage we currently have doesn’t stretch to the decks below. It would be useful if perhaps we could have some extra data lines run in to provide the ability to add WiFi in further areas of the ship such as the forward end and the decks below however, we won’t require any WiFi to actually be installed as we will do that.</i></p>	
44	<p>Q- What is the size of the feeder pillar on the jetty?</p> <p><i>A – Contractor site survey required</i></p>	
45	<p>Q- What is the total number of CCTV cameras on the ship? Are they all the same i.e. fixed or move?</p> <p><i>A – See specification clause 1.21.2, 1.21.7. A schedule of CCTV cameras is included. See above.</i></p>	
46	<p>Q- The HVAC system on board, is this to be replaced with the heating included?</p> <p><i>A – Refer to specification. Retain and modify HVAC system, remove heater batteries, provide new control panel, carry out all works to retain ventilation in operation. Contractors proposal required.</i></p>	
47	<p>What is the access requirements under the jetty to access the main ship electrical cable into the ship.</p> <p><i>A – Contractor to provide access</i></p>	
48	<p>Does the main intake cable include internet?</p> <p><i>A – Internet and telephone provide by separate cable on same route.</i></p>	
	END	