

Q. No.	Question	Response
1	We note that the new CHP Waste Heat Boiler is excluded from the scope. However we understand that boiler feedwater and chemical dosing for this boiler are being supplied from EC1. Please confirm the demarcation points for this specifically in relation to new feedwater pumps for the waste heat boiler and the supply of chemicals for this boiler.	See document Answers to Q1 & Q2
2	What provisions are in place to ensure water quality from the new waste heat boiler does not adversely impact the Pirbright steam system to which it will connect?	See document Answers to Q1 & Q2
3	We understand that the Softener plant, RO Plant and water pumps are currently maintained under individual service contracts directly with The Pirbright Institute. Is it TPI's wish that these service contracts transition to the steam management contractor? Are there any contracted dates / timelines / agreements that would adversely effect transition to the steam management contractor?	Please obtain quotations for contracts of these items to be integrated with steam contract we can decide at a later date.
4	Please confirm that bulk oil supply is excluded and this will be supplied by Pirbright	The supply of bulk oil is excluded. Contractor to oversee delivery.
5	Will supply of salt for the bulk salt saturator be by Pirbright or under the scope of this contract? Please provide current usage if to be costed under this tender. Scope suggest supply of salt but also facilitating delivery as per oil. Please confirm.	Supply of salt payable by TPI. Contractor to oversee delivery and notify when delivery required.
6	KPI's request a log of condensate return percentages via meters. From the drawings, no meters are currently installed.	This will be following installation of condensate return meters. The intention is to be installed before contract commencement.
7	Appendix 2 of the scope of works details safety valves but not current critical spares. Are these to be suggested by the tenderer and detailed in the tender return or is there a defined list of critical spares vs replacement parts?	24m safety valve schedule is all that is included in appendix 2. There is no critical spares list for EC1 at present and this would need to be produced by the contractor.
8	Cold Water Storage Systems: Water analysis checks: Currently undertaken by TPI using dip slides. Please confirm if this is now in Steam Contract scope and whether local testing is acceptable or lab analysis required.	Now within scope of contract. Local testing is acceptable.
9	All cold water tanks are currently cleaned and chlorinated annually by TPI. Will this continue or in the scope of this contract?	As per other items please obtain prices and we can discuss as required

10	Steam Traps: The local monitoring panels are deemed inaccurate or non operational. We propose monthly steam trap surveys at each trap	OK
11	Boiler chemicals: Incorrect chemical references in the scope. EC1: S10,S22,S50 & S19 Western S879	Thank you for the information.
12	Boiler chemical treatment: Current arrangement is local water analysis by the site team with a monthly check by the water treatment specialist on site. No lab analysis required. Please confirm this is acceptable	Confirmed acceptable.
13	Meters and Probes: Quarterly checks: Scope calls for maintenance / calibration 4 times a year. Currently hotwells are checked and PRV's checked operationally. Meters are monitored only. Please confirm the requirement. Calibrating meters 4 times a year would require a Spirax service visit and be very costly. There are numerous Endress and Hauser meters around site. Do these require calibration quarterly as well? As the meters are indication only, there would be a significant cost to these works for limited benefit. Please confirm requirements so we can cost this activity accurately.	This was a typo and annual calibration is acceptable.
14	HWS and LTHW Skids: Scope calls for full service. Not currently in steam management remit. Please confirm the scope of this activity. An operational check is fine but full service would involve plate pack replacement / inspection. Please confirm	Operational checks are OK. Full disassembly of heat exchangers not required.
15	With regards to the pricing schedule, there is a section for chemical costs for the Western Boilers but not EC1. Are we OK to add this onto the pricing schedule as item 34? The schedule asks for the chemical costs to sit within the preceding sections. We think it is better that these are separate as it is quite a substantial number	Yes the intention is to break down western boilers and EC1, including chemical supplies