NORTH LONDON WASTE AUTHORITY

ICHEME

SCHEDULE 7: SUBCONTRACTING

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1. INTRODUCTION

This Schedule contains the Contractor's obligations in relation to the selection and management of its Subcontractors, and the process to be followed by the Contractor in ~~gaining Purchaser approval of~~appointing its Subcontractors.

For the avoidance of doubt, the Purchaser does not intend to review and ~~approve~~provide comment on every proposed subcontract or every proposed Subcontractor. The provisions of this Schedule ~~which require the Purchaser to approve a form of subcontract~~ shall only apply to the subcontracts to be used to appoint:

(a) the Contractor's own directly appointed Subcontractors including, without limitation, Acciona Industrial UK Limited; and

(b) the directly appointed Subcontractors of Acciona Industrial UK Limited.

Prior ~~Purchaser approval~~to appointment, the Contractor is required ~~for~~to submit for review and comment Subcontractors ~~to be appointed~~ for specified areas of Works delivery (see table in Appendix A) (hereinafter referred to as "**Key ~~Approved~~ Subcontractors**").

For the avoidance of doubt, the companies listed in Appendix A as Key ~~Approved~~ Subcontractors are Subcontractors that have already been ~~approved~~reviewed by the Purchaser as at the ~~Effective Date.~~date of Settlement and Variation Agreement (No.3) to this Contract.

The Contractor shall appoint the nominated Subcontractors for Purchaser nominated specific systems, parts or components set out in the table in Appendix B (hereinafter referred to as "**Nominated Subcontractors**").

The Contractor shall be required to ~~obtain prior Purchaser approval where it intends to appoint Subcontractors~~submit for review and comment proposed subcontractors in the following circumstances:

- where it intends to ~~propose~~appoint new companies for any of the areas of works listed in Appendix A and/or Appendix B, other than the companies already listed under Appendix A and/or Appendix B (as Key ~~Approved~~ Subcontractors and/or Nominated Subcontractors) or where it intends to replace an ~~approved~~ above Threshold Subcontractor, in each case as more particularly described in sections 2.1.3 and 2.1.4 of this Schedule (hereinafter referred to as "**New Subcontractors**"); or

- where it intends to appoint Subcontractors for other non-specified areas of the Works having a value of three million, five hundred thousand pounds (£3,500,000) or more (the "**Threshold**").

2. CO-ORDINATION AND APPOINTMENT OF SUBCONTRACTORS

It is the Contractor's responsibility to select, appoint and co-ordinate its Subcontractors and to ensure any Subcontractor acts in compliance with the Contract at all times and in accordance with section 1 and 2.1.1 herein.

In accordance with Clause 9 of the Conditions of Contract, the Purchaser's ~~approval~~comments or nomination of any Subcontractor does not relieve the Contractor in any way from its obligations under the Contract, including but not limited to, facilitating an overall component standardisation according to Schedule 22.1.7 *General technical requirements*. All subcontracts are to be entered into at the Contractor's sole cost and risk and the Contractor shall remain fully responsible for the performance of any Subcontractor and delivery of the Works.

2.1 Subcontractor ~~Approval~~proposal

2.1.1 Proposal by the Contractor of Subcontractors

The Contractor shall comply with section 1 and this section 2.1.1 when proposing New Subcontractors or any Subcontractors for any non-specified area of Works delivery with a value equal to or in excess of the Threshold (an "**above Threshold Subcontractor**").

In each case, the Contractor shall state which Subcontractor(s) it intends to use and which parts of the Works shall be carried out by each of these proposed Subcontractors.

Save where otherwise specified for architectural Subcontracting, where the Contractor shall refer to Schedule 22.4, *Architectural Specification,* the Contractor shall not be limited in the number of Subcontractors it proposes for ~~approval in~~ the Works.

When the Contractor proposes to introduce a New Subcontractor or an above Threshold Subcontractor, relevant qualification documentation (including QA-system, quality plan, references (preferably from another energy from waste facility), qualifications and design/manufacturing plant locations) shall be submitted to the Purchaser for review ~~prior to approval (which may be qualified) or rejection.~~and comment. When proposing a New Subcontractor or an above Threshold Subcontractor, the Contractor shall state the full name, address and telephone number of the Subcontractor, and if different to the UK, the countries of design and manufacture of the system part /component in question.

~~The Purchaser shall not withhold its approval of a New Subcontractor or above Threshold Subcontractor where:~~

~~(a) the proposed New Subcontractor or above Threshold Subcontractor is to be appointed in connection with system parts/components which are specifically involved in the processing of municipal solid waste ("**MSW**") and the Contractor is able to provide references of the proposed New Subcontractor's or above Threshold Subcontractor's experience in processing MSW or MSW derived fuels such as refuse derived fuels; or~~

~~(b) the Contractor is able to provide references demonstrating the proposed New Subcontractor's or above Threshold Subcontractor's experience in providing system part/components of a similar or comparable capacity and application, and, suitable quality for the equipment and/or plant to be provided for the Works.~~

The Contractor shall not proceed with the appointment of any Key ~~Approved~~ Subcontractor, Nominated Subcontractor or any other Subcontractor ~~required to be approved~~ under this Schedule, until such time as:

~~(a) (where relevant and not already pre-approved as in the case of a Key Approved Subcontractor) the Subcontractor has been approved in accordance with section 2.1.1; and~~

(a) Not used;

(b) the initial template form of subcontract to be shared with each Subcontractor and any material deviations from the template form of subcontract that a Subcontractor may have proposed ~~has~~have been ~~approved by~~submitted to the Purchaser for review and comment in accordance with Clause 9 of the Conditions of Contract.

~~The Contractor shall not appoint a Subcontractor who has (or whose form of subcontract has) been rejected by the Purchaser. The Purchaser shall have the right to reject any Subcontractor based on its documented experience of that Subcontractor from similar waste to energy plants.~~

2.1.2 Nomination by the Purchaser of Subcontractors in Specified Areas of Works Delivery under Appendix B

The Purchaser reserves the right to nominate Subcontractor(s) for the Works related to common / EcoPark site wide services (e.g. CCTV, weighbridge, signage) and nominated suppliers / manufacturers are detailed in the table in Appendix B of this Schedule. The Contractor shall, subject to section 2.1.3 below, appoint the Purchaser-nominated Subcontractor(s) into its Works.

~~2.1.3~~ 2.1.3 New Subcontractors

In the event that the Contractor is unable to reach agreement on contract terms ~~(from its own commercial perspective and/or which are capable of approval by the Purchaser)~~ and Works requirements with any of the Nominated Subcontractors or Key Subcontractors or any other Subcontractor that has ~~been approved~~previously been reviewed and commented upon by the Purchaser under this Schedule then the Contractor shall:

- ~~-~~Inform the Purchaser in writing, indicating which of the contractual or project requirements cannot be met by such Nominated Subcontractor or ~~other approved~~Key Subcontractor and how this impacts on the execution of the Works;

- ~~-~~In the case of a Key ~~Approved~~ Subcontractor where there is an appropriate replacement Key ~~Approved~~ Subcontractor in Appendix A, pursue agreement on contract terms with that replacement;

- ~~-~~In the case of a Key ~~Approved~~ Subcontractor where there is no appropriate replacement in Appendix A, or in the case of an ~~approved~~ above Threshold Subcontractor, submit a proposal of a similar New Subcontractor to ~~the Purchaser for approval or rejection which shall not be unreasonably withheld by~~ the Purchaser, including the information required in section 2.1.1 of this Schedule. The Purchaser, upon receipt of such proposal for a New Subcontractor, will ~~submit its approval or rejection~~issue comments to the Contractor within ten (10) Business Days~~, indicating the reasons for rejection or the approval~~. Where the Purchaser fails to respond to the Contractor within this time period it shall be deemed to have ~~approved the proposed New Subcontractor~~no comments; and

- In the case of any Nominated Subcontractor:
    - request that the Purchaser assists the Contractor in its negotiations with the Nominated Subcontractor with the intention of reaching agreement on contract

terms (both from the Contractor's own commercial perspective and in a form that is capable of approval by the Purchaser) and Works requirements; or

- where, despite the Purchaser's assistance, agreement on contract terms and Works requirements has not been reached, propose a New Subcontractor for the relevant system part/component description referred to in Appendix B.

~~2.1.4~~ 2.1.4 Replacing Subcontractors

If ~~following Purchaser approval, but~~ prior to their appointment, any:

- ~~o~~ Key ~~Approved~~ Subcontractor;
- ~~o approved~~ above Threshold Subcontractor or
  - New Subcontractor,

becomes an Unviable Subcontractor the Contractor shall, to the extent it is aware that the Subcontractor has become an Unviable Subcontractor, notify the Purchaser of the same.

~~Following such notification or upon the Purchaser otherwise becoming aware that the Subcontractor has become an Unviable Subcontractor, the Purchaser may notify the Contractor of its decision to revoke its previous approval of the Unviable Subcontractor.~~ In such circumstances, or if the Contractor decides to replace a Subcontractor for any other reason, the Contractor may, subject to the ~~Purchaser's approval of the subcontract,~~requirements of this Schedule appoint another ~~approved~~ Subcontractor in respect of the particular works package or propose a New Subcontractor in accordance with the process detailed in sections 2.1.1 and 2.1.3 of this Schedule.

For the purposes of this section 2.1.4 a Subcontractor becomes an "**Unviable Subcontractor**" if it:

(a) suffers an insolvency event; or

(b) its financial viability is considered at risk according to the standards defined as a financial risk situation by a Dun & Bradstreet or equivalent credit rating report; or

(c) becomes subject to negative media coverage in relation to any proven or alleged breach of legislation in connection with health and safety, anti-corruption, anti-bribery or modern slavery.

Any other request by the Contractor to replace a proposed Subcontractor ~~already approved by the Purchaser~~ shall be submitted to the Project Manager in writing by the Contractor with details of the proposed New Subcontractor(s). The Contractor shall in accordance with the process detailed in sections 2.1.1 and 2.1.3 of this Schedule, provide evidence of the proposed Subcontractor's suitability ~~to the Purchaser for approval~~. The Contractor shall not replace ~~the proposed~~a Subcontractor ~~without the prior written approval of the Purchaser.~~unless it has complied with the requirements of this Schedule.

3. GUARANTEES AND WARRANTIES

Guarantees and warranties shall be provided by Subcontractors. Subcontract works packages for which the Purchaser requires collateral warranties to be in place are listed in the table in Appendix C. Works packages are denoted by reference to the particular area of works/system part/component description of the Works.

For the avoidance of doubt, the Contractor shall only be required to procure collateral warranties from:

(a) the Contractor's directly appointed Subcontractors (including but not limited to Acciona Industrial UK Limited); and

(b) the directly appointed Subcontractors of Acciona Industrial UK Limited,

that are responsible for the works packages that require collateral warranties.

Where any of:

(c) the Contractor's directly appointed Subcontractors (other than Acciona Industrial UK Limited); and/or

(d) the directly appointed Subcontractors of Acciona Industrial UK Limited,

further sublet elements of those works packages, the Contractor shall not be required to procure collateral warranties in favour of the Purchaser or any other Beneficiary from any such sub-subcontractors.

APPENDIX A – CRITICAL PLANT SYSTEMS / COMPONENT LIST

~~Subject to the Purchaser's right to revoke an approval in accordance with section 2.1.4 of this Schedule, the~~The Contractor ~~shall~~may appoint one or more of the below listed companies for each of the corresponding works delivery:

Area(s) of Works Delivery	**System Part / Component Description**	**Key ~~Approved~~ Subcontractors - DESIGN & ENGINEERING**	**Key ~~Approved~~ Subcontractors - MANUFACTURE / PRODUCTION / INSTALLATION**
Waste Reception	Waste cranes	GH Konecranes (Demag) KW Mannheim AG	**Manufacture:** GH Konecranes (Demag) KW Mannheim AG **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Limited Somi Impianti Engenda Wright Brothers
Furnace/boiler	Boiler	Sefako, Duro Dakovic, ISGEC, Thermax, Energoremont, SES SHI FW Energia Fakop Sp. z.o.o. Tranter International AB	**Manufacture:** Sefako Duro Dakovic, ISGEC, Thermax, Energoremont, SES SHI FW Energia Fakop Sp. z.o.o. **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy

			Elmforge Atlantic Projects Ltd Somi Impianti Engenda
	Grate	HZI	Bieber, SMA
	Combustion chamber / furnace (Part of HZI Scope)	Part of Boiler	**Manufacture:** Part of Boiler **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Refractory lining (Part of HZI Scope)	Jünger & Gräter, Mokesa, Van der Hoeff,	Jünger & Gräter, Mokesa, Van der Hoeff,
	Ash handling (Apron Type Bottom Ash Extractor) (Part of HZI Scope)	Loibl Förderanlagen, MICONTEC, Mayfran,	**Manufacture:** Loibl Förderanlagen, MICONTEC, Mayfran, **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Primary and secondary air fans (Part of HZI Scope)	Alfer, Pollrich, Reitz, Aeromeccanica Stranich	**Manufacture:** Alfer, Pollrich, Reitz, Aeromeccanica Stranich **Installation**

			Caldererias Indálicas Harris Pye Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Burners (Part of HZI Scope)	Oilon, Saacke, Maxon, France Thermique	**Manufacture:** Oilon, Saacke, Maxon, France Thermique **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Cleaning systems (Part of HZI Scope)	Rosink, Clyde Bergemann	**Manufacture:** Rosink, Clyde Bergemann **Installation** Caldererias Indálicas Harris Pye Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Slag conveyors(Part of HZI Scope)	IEM Fördertechnik, Loibl Förderanlagen,	**Manufacture:** IEM Fördertechnik, Loibl Förderanlagen, **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge

			Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Heat exchangers (Part of HZI Scope)	N/A	N/A
	Air coolers	N/A	N/A
	Deaerator/feedwater tank	To be consider as a separate supply, please refer to “Others” below	**Manufacturer** MECET
	Steam drum(Part of HZI Scope)	Part of Boiler	**Manufacture:** Part of Boiler **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Hydraulic station (Part of HZI Scope)	HKTM, HYDAC Systems, ATP Hydraulik, Integral, Rockfin	**Manufacture:** HKTM, HYDAC Systems, ATP Hydraulik, Integral, Rockfin **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Air preheater (Part of HZI Scope)	ALZ, Tube Tech, Kelvion, ENCO,	**Manufacture:** ALZ, Tube Tech, Kelvion,

		Air Industrie Thermique, Benelux-Apex	ENCO, Air Industrie Thermique, Benelux-Apex **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Insulation	To be consider as a separate supply, please refer to “Others” below	
	Steel structure(Note: The Boiler steel structure is part of HZI scope)	Poetzsch Design & Application Engineers Mostostal Zabrze Biprohut, Ghenova MTA Engineering	**Manufacture:** Gulermak, Lausitzer Stahlbau, Lykomitros Steel, Mostostal Krakow, Mostostal Siedlce, Mostostal Zabrze, BySteel Züblin Stahlbau, Zekon Blocotelhe Billington
Water Treatment	Raw Water treatment	SMAS (Skywater) Veolia Hidroambiente	SMAS (Skywater) Veolia Hidroambiente
	Demineralised water treatment	SMAS (Skywater) Veolia Hidroambiente	SMAS (Skywater) Veolia Hidroambiente
Flue gas treatment	flue gas control analysers (Part of HZI Scope)	ABB, ALP Technik Dr. Födisch, SICK	ABB, ALP Technik Dr. Födisch, SICK
	Silencer(Part of HZI Scope)	Part of ID Fan	Part of ID Fan

	SCR (modules) (Part of HZI Scope)	HZI	Johnson Matthey
	Baghouse filter(Part of HZI Scope)	HZI	
	ID fans (Part of HZI Scope)	Aeromeccanica Pollrich Konrad Reitz Alfer	**Manufacture:** Aeromeccanica Pollrich Konrad Reitz **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Plastic scrubber (Part of HZI Scope)	Rotaver, Plasticon, Traidenis,	**Manufacture:** Rotaver, Plasticon, Traidenis,
	Flue gas heat exchangers (Part of HZI Scope)	Flucorrex, Wallstein, Kelvion, Apex Group, Geurts, Alpha Laval	**Manufacture:** Flucorrex, Wallstein, Kelvion, Apex Group, Geurts, Alpha Laval **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Silos (Part of HZI Scope)	STAG, Dominion Steelcon,	**Manufacture:** STAG,

		Mont IRP, Deha Tech, Gunak,	Dominion Steelcon, Mont IRP, Deha Tech, Gunak, **Installation** Caldererias Indálicas Harris Pye Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Scrubber pumps (Part of HZI Scope)	Wernert Pumpen, Schubag	**Manufacture:** Wernert Pumpen, Schubag **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Flow spraying nozzles (in scrubber) (Part of HZI Scope)		
	Flue gas/water heat exchangers (Part of HZI Scope)	Flucorrex, Wallstein, Kelvion, Apex Group, Geurts, Alpha Laval	Flucorrex, Wallstein, Kelvion, Apex Group, Geurts, Alpha Laval

	Transport screw & Residue Transport System (Part of HZI Scope)	STAG	STAG **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Dosing systems (Additive Systems) (Part of HZI Scope)	Part of Transport Screw & Residue Transport System	Part of Transport Screw & Residue Transport System **Installation** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Ltd Somi Impianti Wright Brothers Engenda
	Steel structure(Part of HZI Scope)	Poetzsch Design & Application Engineers Mostostal Zabrze Biprohut Ghenova MTA Engineering	Gulermak,Lausitzer Stahlbau, Lykomitros Steel, Mostostal Krakow, Mostostal Siedlce, Mostostal Zabrze BySteel Züblin Stahlbau, Zekon Blocotelhe
	Flue gas reactor (Part of HZI Scope)	HZI	Variakov, Mont IRP, Deha Tech, Gunak,
Electrical	Low Voltage (Switchgear)	Consonni, Schneider, Siemens, Eaton,	**Manufacture:** Consonni, Schneider, Siemens,

		ABB, Powell Industries LTD (approval for 11kV and LV only) EQUIPOS ELECTRICOS, S.L. (EQUIPEL)	Eaton, ABB Powell Industries LTD (approval for 11kV and LV only) EQUIPOS ELECTRICOS, S.L. (EQUIPEL) **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech Engineering Ltd Engenda
	Medium/High voltage (Switchgear)	Consonni, Schneider, Siemens, Eaton, ABB,	**Manufacture:** Consonni, Schneider, Siemens, Eaton, ABB **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech Engineering Ltd Engenda
	Emergency diesel generator	SDMO Genesal Cummins Himoinsa Grupel- Internaco	**Manufacture:** SDMO Genesal Cummins Himoinsa Grupel- Internaco Hyosung Heavy Industries Corporation

		Doosan Skoda Power (STG) **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech Engineering Ltd Engenda
UPS	AEG Power Solutions Borri Eaton Schneider Vertiv (Chloride)	**Manufacture:** AEG Power Solutions Borri Eaton Schneider Vertiv (Chloride) **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech Engineering Ltd Engenda
Power Transformers	Siemens ETD (Plzeň) Hitachi-ABB Efacec GE ELSEWEDY ELECTRIC	**Manufacture:** Siemens ETD (Plzeň) Hitachi-ABB Efacec GE ELSEWEDY ELECTRIC **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech Engineering Ltd

			Engenda
	Motors (where procured separately) Motor Control Centers		EQUIPOS ELECTRICOS, S.L. (EQUIPEL)
	Frequency converters	Siemens Rockwell Schneider (approval for LV only) ABB Ingeteam	**Manufacture:** Siemens Rockwell Schneider (approval for LV only) ABB Ingeteam **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech Engineering Ltd Engenda
Turbine Generator Set/	Core turbine and gearbox	GE Siemens Doosan Skoda MAN Franco Tossi	**Manufacture:** GE Siemens Doosan Skoda MAN Franco Tossi **Installation:** MMYPEM Wright Brothers
	Generator	Included as part of Steam Turbine Generator Set	Included as part of Steam Turbine Generator Set
	Steam system	Included as part of Steam Turbine Generator Set	Included as part of Steam Turbine Generator Set
	Water and condensate system	Included as part of Steam Turbine Generator Set	Included as part of Steam Turbine Generator Set
	Control oil system	Included as part of Steam Turbine Generator Set	Included as part of Steam Turbine Generator Set

	Lube oil system	Included as part of Steam Turbine Generator Set	Included as part of Steam Turbine Generator Set
Automation / Control and Monitoring System	Control and Monitoring System (DCS) (Part of HZI Scope)	Emerson, Valmet, Siemens, Yokogawa	**Manufacture:** Emerson, Valmet, Siemens, Yokogawa **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge BGEN Limited
Others.	Service cranes		
	Turbine hall cranes	Kone (Demag), Jaso, GH, Cesan Meloni	**Manufacture**: Kone (Demag), Jaso, GH, Cesan, Meloni **Installation:** Caldererias Indálicas Harris Pye MMYPEM Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
	Condensate Pumps	Flowserve , KSB , Sulzer , Torishima Andritz AG Emica Grundfos	**Manufacture:** Flowserve , KSB , Sulzer , Torishima Andritz AG Emica Grundfos

			Installation: Caldererias Indálicas Harris Pye MMYPEM Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
	Feed water pumps	Flowserve , KSB , Sulzer , Torishima,	**Manufacture:** Flowserve , KSB , Sulzer Torishima **Installation:** Caldererias Indálicas Harris Pye MMYPEM Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
	Chemical dosing system	Fluideco, Pastech, Esindus, Tecnilab, Prominent	**Manufacture:** Fluideco Pastech Esindus Tecnilab Prominent **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
	Sampling system	Fluideco, Swan, Pastech,	**Manufacture:** Fluideco Swan Pastech **Installation:** Caldererias Indálicas

		Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
Deaerator/feedwater tank	Sterling Stork Mecet SGM	**Manufacture:** Sterling Stork Mecet SGM **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
Instrumentation	Endress+Hauser, Emerson, Siemens, Wika Instycal Kronhe Arcamo Iberfluid	**Manufacture:** Endress+Hauser, Emerson, Siemens, Wika Instycal Kronhe Arcamo Iberfluid **Installation:** Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech Engineering Ltd Engenda
Tanks where specified		
District heating	Mecet, Wood(Foster Wheeler), Lointek, SGM, Termojet Alfa Laval	**Manufacture:** Mecet, Wood (Foster wheeler, Lointek), SGM,

		GODREJ-Krilinex Donghwa Entec	Termojet Alfa Laval GODREJ-Krilinex Donghwa Entec **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
	ACC	Esindus SPG Dry Cooling SPIG Evapco Energyen Kelvion	**Manufacture:** Esindus SPG Dry Cooling SPIG Evapco Energyen Kelvion **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy BGEN Limited
Buildings and Civils	Civil engineering and buildings design	Acciona Ghenova Sener GHD DORAN Empresarios Agrupados Internacional Aecom Spain DCS S.L.	
	Piling	Acciona	Bachy Soletanche Bauer Technologies Ltd Skanska UK Spie Van Elle
	Structural steelwork	Acciona	Horta Coslada S.L. J&D Pierce Contractors Ltd Martifer Severfield William Hare Ltd

			BHC ltd Eiffage Smulders Billington
	Cladding	Acciona	BHC ltd MAPLE Multiroofing Systems Ltd Southern Industrial Roofing Curtis Moore MAC Roofing Aluman Sistemas S.L.U Cox Group Ltd
	Concrete supply	Included below	Carey Group P.J. Hegarty & Sons Ward and Burke Byrne Group
	Earthworks & Concrete Works	Acciona	Carey Group P.J. Hegarty & Sons Ward and Burke Byrne Group Galldris Services Ltd
MEP building services	HVAC	Arceclima Johnson Controls (JCI) Garpe Ingeniería Frizonia VVB Engineering (UK) Ltd	Arceclima Johnson Controls (JCI) Garpe Ingeniería Frizonia VVB Engineering (UK) Ltd Exentec Hargreaves
	Mechanical services	Acciona	MMYPEM Exentec Hargreaves
	Electrical services	Acciona	Eastgate Engineering Services Ltd MES Power Engineering Randridge Imech

			Engenda
By Pass	By-Pass valves	IMI CCI Saidi-klinger Celeros- Copes-Vulcan Petrovalves/ VSI	**Manufacture:** IMI CCI Saidi Celeros- Copes-Vulcan Petrovalves/ VSI **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge Atlantic Projects Wright Brothers
CEMS	CEMS	Anatrac Emerson Sick(uk)ltd	Anatrac Emerson Sick(UK)ltd
Control Valves (this excludes the control valves of the boiler)	Control Valves	Emerson Bray Flowserve Samson Lotus Control S.L Bvalve, Flow, Systems & Controls,S.L.U. Cunado S,A,	**Manufacture:** Emerson Bray Flowserve Samson Lotus Control S.L Bvalve, Flow, Systems & Controls,S.L.U. Cunado S,A, **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge APC Wright Brothers
Water Treatment System	Water Treatment System	SMAS (Skywater) Hidroambiente Veolia Seta PH Technology S.L.	SMAS (Skywater) Hidroambiente Veolia Seta PH Technology S.L.
Pressure Safety Valves (this excludes the pressure	Pressure Safety Valves	Bvalve Valvulas Nacional (Pekos) Saidi-klinger Iberfluid	**Manufacture:** Bvalve Valvulas Nacional (Pekos) Saidi

safety valves of the boiler)		Bitherm Lotus Control S.L Bvalve, Flow, Systems & Controls,S.L.U. Cunado S.A,	Iberfluid Bitherm Lotus Control S.L Bvalve, Flow, Systems & Controls,S.L.U. Cunado S.A, **Installation:** Caldererias Indálicas Harris Pye Mostostal Pulawy Elmforge APC Wright Brothers
Other	Level Transmitters (Various)	INSTYCAL, S.L.	INSTYCAL, S.L
	Level Gauges & switches	Arcamo Controls SA	Arcamo Controls SA
	Pressure Gauges	Instrumentos Wika SA	Instrumentos Wika SA
	Flow Gauges	Global Agua Espana instrumentacion	Global Agua Espana instrumentacion
	Photovoltaic Canopy (supply and installation)	Cox Group Ltd	Cox Group Ltd
	Fire Fighting System Works	Tyco Fire & Integrated Solutions (UK)Ltd	Tyco Fire & Integrated Solutions (UK)Ltd
	ICT & BMS Works	Syscom Building Management	Syscom Building Management
	Security System Works	Evolution Security	Evolution Security
Construction Activities, local supplies, project & site management	Construction Activities, local supplies, project & site management	ACCIONA INDUSTRIAL UK LTD.	ACCIONA INDUSTRIAL UK LTD.

APPENDIX B – NOMINATED SUPPLIER LIST

Area(s) of Works Delivery ~~[TO BE COMPLETED BY PURCHASER]~~	System Part /Component Description ~~[TO BE COMPLETED BY PURCHASER]~~	Name, address and telephone number of Nominated Subcontractor(s) ~~[TO BE COMPLETED BY PURCHASER]~~
	Weighbridge	Weightron
	Access control	Paxton Access Ltd
	CCTV	~~IndigoVision~~Avigilon
	Room booking and administration system	~~Proxyclick~~Yealink booking displays
	Street lighting	~~TBC~~Holophane
	IP Telephony – Mitel & Gai-Tronics – (NPE3a-EJP-4XXX-XXX-TS-EL-000031)	Mitel & Gai-Tronics
	Wireless Network – Extreme Networks (changed from HP subject to Change Request NP-ARP-XXXX-XXX-CH-PM-090763 and attached)	Extreme Networks
	PAVA – Tyco (NPE3a-EJP-4XXX-XXX-TS-EL-000019)	TYCO
	Fire siren system – Tyco (NPE3a-EJP-4XXX-XXX-TS-EL-000018)	TYCO
	Data and Communications network – Extreme Networks (changed from HP subject to Change Request NP-ARP-XXXX-XXX-CH-PM-090763 and attached)	Extreme Networks
	Intruder Alarm – Honeywell – (NPE3a-EJP-4XXX-XXX-TS-EL-000017)	Honeywell

SCADA/BMS – (Siemens, Synology, Tridium) – (NPE3a-EJP-4XXX-XXX-TS-EL-000100, NPE3a-EJP-4XXX-XXX-TS-EL-000101, NPE3a-EJP-4XXX-XXX-TS-EL-000102, NPE3a-EJP-4XXX-XXX-TS-EL-000105)	Siemens/Emerson
IOVS - For Plant	EXEON
Roller shutter Doors	Efaflex
PV Panels	Parker Energy
Lifts	Otis
Gas Detection	IGD(International Gas detection)

APPENDIX C – COLLATERAL WARRANTY REQUIREMENT

Area(s) of Works Delivery	**System Part / Component Description**	**Collateral Warranty Required?**
~~[TO BE COMPLETED BY PURCHASER]~~	~~[TO BE COMPLETED BY PURCHASER]~~	~~[TO BE COMPLETED BY PURCHASER]~~
Waste Reception	Waste cranes	N
Furnace/Boiler	/boiler pressure parts	Y
	structural steelwork design	Y
	Grate	N
	Bottom ash handling equipment	N
	Primary and secondary air fans	N
	Feed water pumps	N
	Burners	N
	Raw Water treatment plant	N
	Pressure Pipework	N
Flue gas treatment (included in Boiler)	The entire flue gas treatment system	N
	CEMS and flue gas control analysers	N
	SCR	N
	Baghouse filter	N
	ID Fans	N
	Plastic scrubber	N
	Flue gas heat exchangers	N
	Silos	N
	Scrubber pumps	N
Turbine/ /ACC	Turbine and Generator set	Y
	Condenser	N
	Generator included in turbine	N
	Gearbox included in turbine	N
	ACC	Y
	Turbine hall crane	N
Control and Monitoring System (DCS under HZI scope)	Control and Monitoring System including Safety System	Y
	Motor Control Centre	Y
	Emergency diesel generator	Y
	Transformers	Y
	Switchgear	Y
Others		
	Cladding	Y

Area(s) of Works Delivery	System Part / Component Description	Collateral Warranty Required?
~~[TO BE COMPLETED BY PURCHASER]~~	~~[TO BE COMPLETED BY PURCHASER]~~	~~[TO BE COMPLETED BY PURCHASER]~~
	Structural steelwork	Y
	Piling contractor	Y
	Bottom Ash Handling Equipment	N
	Feed water pumps	Y
	Raw Water treatment plant	Y
	Turbine hall crane	Y
	Mechanical services design and build	Y
	Electrical services design and build	Y
	HVAC design and build	Y
	Civil engineering and buildings design	Y

Summary report: Litera Compare for Word 11.9.0.82 Document comparison done on 12/11/2026 16:17:07	
Style name: Default Style	
Intelligent Table Comparison: Active	
Original filename: NP-RUK-41XX-XXX-SP-TA-090007_Clean_IChemE Schedule 7 Subcontracting_Ver62.docx	
Modified filename: SVA 3_Schedule 07 Subcontracting_CLEAN and FINAL.docx	
Changes:	
Add	277
~~Delete~~	87
~~Move From~~	0
Move To	0
Table Insert	18
~~Table Delete~~	0
Table moves to	0
~~Table moves from~~	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	382