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| Employer  SAKO BRNO A.S.  Project  **High-efficient combined heat and power facility utilizing renewable sources (OHB II - line K1)**  Date  February 2021 |

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| Intended for    Document type    Date |
| Part II.d  Prices and payment Conditions |



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| Project name | High-efficient combined heat and power facility utilizing renewable sources (OHB II - line K1) |
| Version | 1 |
| Date | 2021-02-25 |
| Documentation | Procurement documentation – Part II – Contract provisions |

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# Contract Amount

Contract amount for the Contract Object according to the art. 26 of the Contract is in amount \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CZK (in words …………………………………………… CZK) excl. VAT *(to be stated)*.

The Contractor undertakes to comply with the payment schedule below.

Contractor guarantees, that it has included in its Tender, to the extent described, all costs associated with its obligation to perform the Contract Object properly and on the time.

Contractor confirms, that Contract amount for the Contract Object includes all associated costs for design, construction works, contingencies, price for equipment supply and installation and price for non-construction activities related to the Contract Object implementation, which will be implemented according the Contract.

Contractor guarantees, that he is able to implement the Contract Object in the needed quality and in full compliance with this Tender.

# Price specification

## General

The Contract Amount shall be considered payment in full for the Contractor's completion of the Contract Object.

The Contractor shall bear full responsibility for inclusion of any and all relevant cost elements, inclu­ding coverage for obligations and responsibilities laid upon him, in the Contract, also inclu­ding his own profit.

The Contract Amount for the Contract Object is fixed lump sum, which means that the Contract Amount is fixed and shall not be adju­sted as a result of changes in wages, prices, social costs, etc. during the Contract Object implementation.

A specification of the Contract Amount and special options is stated in this part II.d. *Prices and Payment Conditions*. All prices are including packing, freight, taxes, insurance, installation, commissioning, test opera­ti­on and training as a part of Contract Object.

The price specification shall be deemed to represent all items payable for the com­pletion of the Contract Object. The cost which are necessary for the Contractor to fulfil his contrac­tu­al obligations and which are not specifically mentioned, shall be deemed to be included in the prices.

## Currency

All prices and payment shall be stated in Czech Koruna (CZK).

## Taxes

The Contractor shall ensure that the Employer is not invoiced for levies and taxes such as import tax, custom duties.

# Schedule of payment and invoicing

## Invoicing

Invoicing can only take place on the basis of a written order.

Invoicing shall take place separately for:

* Milestone payments
* Variation orders

## Transmission of invoices

Invoices shall be sent in electronic form *<file format to be defined>*. The invoice shall follow the general tax rules in the Czech Republic and further be marked with:

EAN Number : *<EAN Number>*

Contract Reference : *<Contract Reference>*

Order Number : *<Order Number>*

Contract Name : *<Contract Name>*

## Payment schedule

The payment schedule and schedule for bonds and securities to be supplied by the Contractor in accordance with art. 26 of the Contract is stipulated below.

The first invoice may earliest be submitted after the Employer has received and accepted:

* Signed Contract by both contractual parties
* Performance security (provided in accordance with the requirements stipulated in art. 29 of the Contract)
* Submission of an insurance contract for the Contractor's professional indemnity insurance in accordance with art. 30 of the Contract
* Contractor’s Detailed programme
* Contractor’s project organisation, health & safety plans
* Contractor’s QA manual
* Contractor’s document schedule
* Contractor’s CE-plan,
* Contractor’s staffing plan
* Contractor’s Site plans
* Contractor’s template for Monthly Report

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| **Instal-**  **ment**  **no.** | **Percentage of Contract Amount** | **Milestone condition for payment** | **Contractor’s securities (to be issued or reduced)** |
| 1 | 10% | After meeting the requirement for the first invoice according to this appendix. | 10% Performance Security |
| 2 | 5% | Start of concrete works on Site and supply of Reviewable Project and Design Data LD3, MD1, AD1 and ED1 approved by the Employer according to the Contract.  Conditional upon issue and provision of approved Security of Payment according to the Contract. | 5% Security of Payment |
| 3 | 5% | Completion of boiler basement and waste bunker on Site and supply of Reviewable Project and Design Data LD4, MD2, AD2 and ED2 approved by the Employer according to the Contract.  Conditional upon issue and provision of approved Security of Payment according to the Contract. | 5% Security of Payment |
| 4 | 10% | **Milestone subjected to the Delay damage**  Completion of concrete works on Site and supply of Reviewable Project and Design Data LD5, MD3, AD3 and ED3 approved by the Employer according to the Contract.  And at the same time, start of Construction to be defined as such milestone where contraction of boiler and flue gas treatment steel structure has been erected up to the highest grate elevation level and when construction Works can proceed continuously.  Conditional upon issue and provision of approved Security of Payment according to the Contract. | 10% Security of Payment |
| 5 | 10% | End of heavy Assembly incl. approved successful result of pressure test of boiler, positioning of all main components to their foundation and removal of erection cranes incl. permanent location of all main components (turbine, generator, transformers, condensers and condensate pumps, reactor, fabric filter, ID fan). |  |
| 6 | 5% | Delivery of complete operation and maintenance manual approved by the Employer according to the Contract. |  |
| 7 | 20% | End of Assembly according to part III, appendix A11 of Employer’s Requirements | -5 % Payment security for instalment no.3 is released |
| 8 | 20% | Successful first MSW fire and start of Line’s operation, where Waste is being continuously incinerated. | -10% Payment security for instalment no.4 is released |
| 9 | 10% | Start of Trial operation period and delivery of complete and final operation and maintenance manual approve by Employer according to the Contract. | -5% Payment security for instalment no.2 is released |
| 10 | 5% | Signing of Preliminary Take Over certificate |  |
| 11 |  | Issue of Taking-over certificate and end of 2-years Warranty period. | Performance security is reduced to 5% |
| 12 |  | End of 5-years Warranty period (civil part) | -5% Performance is released |

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# Contract Amount summary

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| **DESCRIPTION** | **Contract Amount summary**  The scope of the Contract Object is offered at a fixed price in the entire Contract period.  Czech Koruna (CZK) exclusive of VAT. |
| Subtotal, incinerator/boiler, pos. 1 to 17 |  |
| Subtotal, flue gas treatment system, pos. 20 to 25 |  |
| Subtotal, steam turbine, pos. 30 to 36 |  |
| Subtotal, balance of plant, pos. 40 to 42 |  |
| Subtotal, DH system, pos. 50 to 51 |  |
| Subtotal, generator, pos. 60 to 63 |  |
| Subtotal, auxiliary equipment, pos. 70 to 72 |  |
| Subtotal, electrical equipment, pos. 80 to 93 |  |
| Subtotal, control and monitoring system (CMS), pos. 100 to 111 |  |
| Subtotal, construction works and standard projects, pos. 130 to 135 |  |
| Subtotal, miscellaneous equipment, pos. 140 to 145 |  |
| Subtotal, wear parts, pos. 150 |  |
| Subtotal, spare parts, pos. 160 |  |
| Subtotal, project execution, documentation and Temporary Works, pos. 170 to 185 |  |
| Subtotal, Civil construction SO 101, pos. 190 to 198 |  |
| Subtotal, Civil construction SO 102, pos. 200 to 208 |  |
| Subtotal, Civil construction SO 103, pos. 210 to 218 |  |
| Subtotal, Civil construction SO 106, pos. 220 to 228 |  |
| Subtotal, Civil construction SO 411, pos. 230 to 238 |  |
| Subtotal, Civil construction SO 501, pos. 240 to 248 |  |
| Subtotal, Civil construction SO 502, pos. 250 to 258 |  |
| Subtotal, Civil construction - others, pos. 260 to 267 |  |
| Subtotal, Securities costs, pos. 280 to 282 |  |
| **Contract Amount, pos. 290** |  |
| **In writing (CZK)** | |

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# Contract Amount specification

Price specification is stipulated at a fixed price in the entire Contract period in Czech Koruna (CZK) exclusive of VAT.

## Scope of Contract Object

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|  | **Incinerator/Boiler with Auxiliary Equipment** |  |
| 1 | Incinerator with feed hopper and chute, hydraulic shut-off damper, feeding system, grate including grate drives, casing and supporting steel structures, IBA chute and IBA extractor, grate riddling hoppers and grate riddling transport to IBA extractor. | CZK |
| 2 | Equipment on feed hopper and in chute in form of waste bridge detection system, feed signal generation system based on micro wave and automatic waste bridge removal system. | CZK |
|  |  |  |
| 3 | Systems for combustion and cooling air, including primary, secondary and cooling air fans, air preheaters, ducts, control equipment, dampers, and necessary devices for noise reduction | CZK |
| 4 | Complete hydraulic stations with pumping systems. | CZK |
| 5 | Complete system for gas fired auxiliary/ignition burners. | CZK |
| 6 | Installation of a fully automatic water based spray cleaning systems for cleaning of empty passes | CZK |
| 7 | Boiler with vertical radiation passes, succeeded by a horizontal convection pass inclu­ding integrated upper drum, automatic soot cleaning system and supporting steel structures as well as equipment for venting, blow-down, boiler drainage system etc. | CZK |
| 8 | SNCR system for NOx reduction including pumps, pipes, etc. | CZK |
| 9 | Complete system for make-up water including make-up water tank, pumps, pipe connections to Existing facility etc. and feeding of make-up water to feed water tank | CZK |
| 10 | Feed water tank/deaerator. | CZK |
| 11 | Pressure reduction station including piping from live steam pipe to deaerator/feed water tank including control valve for controlling the temperature in the deaerator/feed water tank | CZK |
| 12 | Two electrical driven feed water pumps and one diesel driven feed water pump | CZK |
| 13 | Sampling station (test bar) including cooling systems, measuring equipment etc. for monitoring of water chemistry. Equipment for automatic chemical dosage to the water/steam cycle for boiler water conditioning. | CZK |
| 14 | Flue gas concentration measurements for surveillance of the operation of the boiler and SNCR system | CZK |
| 15 | Pipe sections in water/steam-cycle with valves, instrumentation, meters etc. | CZK |
| 16 | IBA and ash handling and transport systems. | CZK |
| 17 | Other (as specified below). | CZK |
| **18** | **Subtotal, Incinerator/Boiler (sum 1-17)** | **CZK** |

**Flue Gas treatment**

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| 20 | Reactor and bag house filter including all auxiliary systems. | CZK |
| 21 | Induced draught fans including all auxiliary systems. | CZK |
| 22 | Continuous Emission Monitoring System and raw gas monitoring including all auxiliary systems. | CZK |
| 23 | Stack and ducts including all auxiliary systems. | CZK |
| 24 | Storage silos and tanks including all auxiliary systems. | CZK |
| 25 | Other (as specified below). | CZK |
| **26** | **Subtotal, Flue Gas Treatment System (sum 20-25)** | **CZK** |

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|  | **Steam Turbine** | |  | |
| 30 | Complete back pressure steam turbine with bleeds and/or extractions. | | CZK | |
| 31 | Couplings as well as reduction gear between steam turbine and generator (if necessary). | | CZK | |
| 32 | Detailed project, supervision and dimension control of the concrete turbine table. | | CZK | |
| 33 | Support system for the concrete turbine table. | | CZK | |
| 34 | All necessary internal connections and auxiliary equipment, including equipment for dry air conservation. | | CZK | |
| 35 | All necessary instrumentation and measuring equipment for a safe operation and control of the Line. | | CZK | |
| 36 | Supplementary equipment including:   * Steam strainer and all valves and instrumentation needed on the live steam supply piping in order to secure a safe operation and control of the turbine. * Base frame(s) for steam turbine, gear and generator. * All steel parts necessary for the mounting of the turbine on the concrete turbine table including foundation bolts and all required cast-in parts. * Barring gear. * Complete drain system and evacuation equipment. * Lubrication and control oil system, including oil tank(s), coolers, filters, filters, oil filter separator, pumps including motors and flushing oil as well as the first filling of lubrication oil and control fluid. * Nozzles for connecting of equipment for dry air conservation. | | CZK | |
| **37** | **Subtotal, Steam turbine (sum 30-36)** | | **CZK** | |
|  | | **Balance of plant** | |  |
| 40 | | Complete condensate system including:   1. Condensate piping from district heating condensers and condensate pumps. 2. Complete condensate pumps sets each with a capacity of 2 x 100% for each condenser, including all necessary pipes and valves including instrumentation for pumping the condensate from the condensers to the de-aerator/feed water tanks. 3. Condensate control valves for all operation modes. | | CZK |
| 41 | | HP water injection system for the turbine bypass station including control and shut‑off valves, screener etc. | | CZK |
| 42 | | Complete district heating condensers (also the by-pass condenser) with all necessary connections for steam, district heating and instrumentation. | | CZK |
| **43** | | **Subtotal, Balance of plant (sum 40-42)** | | **CZK** |

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|  | **District heating system** |  |
| 50 | Complete district heating system:   1. Forward and return DH pipeline from DH condenser to the existing DH station including ground works, lay down, pipe bridges etc. 2. Reserve pressure maintenance system and DH control 3. DH energy meter installations at all heat production units and all heat consumption units 4. All necessary piping, pipe supports, insulation, valves, instrumentation, venting and drainage equipment | CZK |
| 51 | Summer coolers (dry coolers) including heat exchanger and circulation pumps   * All necessary piping, pipe supports, insulation, valves, instrumentation, venting and drainage equipment and glycol filling. | CZK |
| **52** | **Subtotal, District heating system (sum 50-51)** | **CZK** |

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|  | **Generator** |  |
| 60 | Generator consisting of complete 3-phase 6,3 kV synchronous generator for connection to the steam turbine, including excitation and AVR equipment, control panel and measuring equipment, cooling and lubrication equipment, etc. | CZK |
| 61 | Neutral earthing arrangement including cable between generator and neutral earthing box. | CZK |
| 62 | Complete LV and C&I cable installations including low voltage cables, control and measuring cables, cable ways, terminal boxes and other installation materials. | CZK |
| 63 | Complete earthing system with earthing conductor, protective conductors and bonding of generator and equipment, incl. main earthing bars etc. | CZK |
| **64** | **Subtotal, Generator (sum 60-63)** | **CZK** |

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|  | **Auxiliary equipment** | | |  | |
| 70 | Complete component cooling system for Line, including air coolers, circulation pumps, expansion system, filters, shut off and control valves, piping etc. including full interconnection to the existing component cooling system based on absorption heat pump. | | | CZK | |
| 71 | Compressed Air Distribution System. In addition to the connection points for service air and instruments air required in the Contract Object, the Contractor shall include 50 additional connection points for service air and instru­ment air to be placed in other parts of the Line. The compressed air distribution systems for service air and instrument air shall be established as a separate ring line for each of the two compressed air qualities. | | | CZK | |
| 72 | Complete central vacuum cleaning network for the Line including all pipes, connections and hoses. | | | CZK | |
| **73** | **Subtotal, Auxiliary equipment (sum 70-72)** | | | **CZK** | |
|  | **Electrical Equipment** | | | |  | |
| 80 | Associated 22 kV Grid Protection System including extension of existing switchboard R2 with two sections. | | | | CZK | |
| 81 | Generator circuit breaker switchboard and associated generator protection and synchronizing system. | | | | CZK | |
| 82 | A complete set of power transformers including auxiliary equipment, cable routing, earth & bonding and installation materials. Including design, manufacture, management, FAT, supply, installation, SAT etc. | | | | CZK | |
| 83 | A complete set of distribution transformers including auxiliary equipment, cable routing, earth & bonding and installation materials. Including design, manufacture, management, FAT, supply, installation, SAT etc. | | | | CZK | |
| 84 | MDB Switchboards for distribution including design, manufacture, management, FAT, supply, installation, SAT etc. | | | | CZK | |
| 85 | Switchboards for distribution and MCC (Motor Control Centre) including design, manufacture, management, FAT, supply, installation, SAT etc. | | | | CZK | |
| 86 | Emergency Generator System including design, manufacture, management, FAT, supply, installation, SAT etc. | | | | CZK | |
| 87 | UPSs System including design, manufacture, management, FAT, supply, installation, SAT etc. | | | | CZK | |
| 88 | | Battery systems for UPSs. | | CZK | | | |
| 89 | | Frequency converters including design, manufacture, management, FAT, supply, installation, SAT etc. | | CZK | | | |
| 90 | | | ID-fan drive system including frequency converter and power supply cables including design, manufacture, management, FAT, supply, installation, SAT etc. | CZK | | |

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| 91 | | A set of complete 22kV-6kV-400V-230V cable installations, interconnecting switchboards, safe power supplies and to final field consumer including cable routing, earth & bonding and installation materials. Including design, manufacture, management, FAT, supply, installation, SAT etc. | CZK |
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| 92 | | A set of complete signal & control cables installation for CMS Instrument and bus cable communications including cable routing, earth & bonding and installation materials. Including design, manufacture, management, FAT, supply, installation, SAT etc.. | CZK |
| 93 | | Earthing. | CZK |
| **94** | **Subtotal, Electrical Equipment (sum 80-93)** | | **CZK** | |

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|  | **Control and Monitoring System (CMS)** |  |
| 100 | Controller and RIO panels (Level 1) incl. application programming. Including necessary signal interface to the Existing facility. | CZK |
| 101 | Overall CMS with the equipment for level 2 and 3 incl. application programming and par metering and licences | CZK |
| 102 | Mounting/installation of RIO panels/cabinets and associated IO communication modules incl. RIO panels/cabinets and associated IO communication modules related to MCC cabinets/ACC cabinets. Mounting/installation of CCTV camera(s). | CZK |
| 103 | Delivery, erection and installation of all CMS cable routing, cable ladders, cable trays and cable conduit. For all CMS equipment, | CZK |
| 104 | All instruments, component and intelligent equipment outside the CMS | CZK |
| 105 | Bus communication cables for all instruments, component and intelligent equipment and signal cabling between instrumentation and communication interfaces. | CZK |

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| 106 | Mounting/installation of all instruments, component and intelligent equipment. | CZK |
| 107 | All associated bus- and signal-cable pulling, termination and all adaptation work. | CZK |
| 108 | Design basis for programming the overall control and monitoring system (CMS). | CZK |
| 109 | FAT and SAT including participation in and execution of all testing necessary for the CMS. | CZK |
| 110 | CCTV equipment for the entire plant | CZK |
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| 111 | RIO panels | CZK |
| **120** | **Subtotal, Control and Monitoring System (CMS) (sum 100-111)** | **CZK** |

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|  | **Construction Work and Standard Projects** |  |
| 130 | Supporting steel constructions for the components of the system, including sole plates. | CZK |
| 131 | All suspensions and supports for ducts, pipes, safety valves, sound absorbers etc. as well as the exchanges necessary to transmit the suspension forces/support forces from the installations to the primary building structures. | CZK |
| 132 | Insulation, cladding and surface treatment of the components supplied. | CZK |
| 133 | All platforms, galleries and stairways necessary for - in the Employer’s opinion - appropriate operation, service and maintenance of the Contract Object as well as galleries for escape routes in accordance with HSE requirements, including platforms at all measuring points, valves, suspensions etc. | CZK |
| 134 | Foundation bolts, templates for concreting as well as the necessary grouting of all machi­ne/equipment supports, which support and transfer loads to the building structures. The Contractor is responsible for a correct arrangement, alignment and inspection of these prior to the concreting | CZK |
| 135 | Closing of all penetrations due to pipes, ducts and cables including fire protection. Each room is to be considered as a separate fire cell. All penetrations must be covered by means of a steel plate. | CZK |
| **136** | **Subtotal, Construction works and Standard Projects (sum 130-135)** | **CZK** |

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|  | **Miscellaneous Equipment** |  |
| 140 | All necessary equipment (pump(s), piping, control facilities etc.) for reusing of washing water and similar waste water streams collected in the waste water pit | CZK |
| 141 | All necessary ventilators, pumps, filters etc., which may not be specified in the above items and, furthermore, all connecting parts such as ducts, pipes, valves, dampers, com­pen­sa­tors etc. | CZK |
| 142 | All chemicals, lubricants, hydraulic fluids and refrigerants needed for commissioning of the Line. The silos and tanks for chemicals like Ca(OH)2, CaO, activated carbon and HOK etc. shall be filled completely at start Trial operation period. | CZK |
| 143 | Ventilation and cooling of motors, components, panels etc. | CZK |
| 144 | All necessary crane facilities, tackles, hoists etc. for maintenance. | CZK |
| 145 | All necessary special tools for operation and maintenance shall be included in the Contract Object | CZK |
| **146** | **Subtotal, Miscellaneous Equipment (sum 140-145)** | **CZK** |

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|  | **Wear Parts** |  |
| 150 | All wear parts necessary for the operation until the end of the ordinary 2 years Warranty period according to the specifications in appendix A10. | CZK |
| 151 | Grate bars unit price valid for the period according to the part II.h *Guarantees.* | CZK |
|  | **Spare Parts** |  |
| 160 | All spare parts necessary according to the specifications in appendix A10. | CZK |

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|  | **Project Execution, Documentation and Temporary Works** |  |
| 170 | Project management, administration and coordination related to the execution of the Contract Object in compliance with the Contract. | CZK |
| 171 | All related costs for Resources according to the Contract. | CZK |
| 172 | All work related to Quality Assurance. | CZK |
| 173 | CE-marking and preparation of Certificate of Conformity. | CZK |
| 174 | Participation in project meetings, site meetings and other meetings required by the Employer | CZK |
| 175 | All Temporary Works necessary for completion of the Contract Object. | CZK |
| 176 | Coordination related to health, safety and environment (HSE) | CZK |
| 177 | Site Cost, fencing, offices, accommodation facilities, welfare facilities etc. | CZK |
| 178 | Documentation of the Contract Object in accordance with the Contract. | CZK |
| 179 | Operation and Maintenance manual. | CZK |
| 180 | Training in accordance with Appendix A8. | CZK |
| 181 | All transport and erection for execution of the Contract Object. | CZK |
| 182 | Testing and commissioning of the Line. | CZK |
| 183 | Assistance during Performance tests. | CZK |
| 184 | Cleaning and clearing of the site | CZK |
| 185 | Other (as specified below) | CZK |
| **186** | **Subtotal, Project Execution, Documentation and Temporary Works (sum 170-185)** | **CZK** |

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|  | **Civil construction cost – Existing SO 101 waste bunker** |  |
| 190 | Site preparation and demolition works | CZK |
| 191 | Site works and excavation | CZK |
| 192 | External utilities | CZK |
| 193 | Concrete works | CZK |
| 194 | Steel works | CZK |
| 195 | Facades and cladding including architecture | CZK |
| 196 | Internal finishes | CZK |
| 197 | HVAC/plumbing | CZK |
| 198 | Electrical installations, building | CZK |
| **199** | **Subtotal, Civil construction - Existing SO 101 waste bunker (sum 190-198)** | **CZK** |

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|  | **Civil construction cost – Existing SO 102 boiler hall** |  |
| 200 | Site preparation and demolition works | CZK |
| 201 | Site works and excavation | CZK |
| 202 | External utilities | CZK |
| 203 | Concrete works | CZK |
| 204 | Steel works | CZK |
| 205 | Facades and cladding including architecture | CZK |
| 206 | Internal finishes | CZK |
| 207 | HVAC/plumbing | CZK |
| 208 | Electrical installations, building | CZK |
| **209** | **Subtotal, Civil construction - Existing SO 102 boiler hall (sum 200-208)** | **CZK** |
|  | **Civil construction cost – Existing SO 103 IBA treatment hall** |  |
| 210 | Site preparation and demolition works | CZK |
| 211 | Site works and excavation | CZK |
| 212 | External utilities | CZK |
| 213 | Concrete works | CZK |
| 214 | Steel works | CZK |
| 215 | Facades and cladding including architecture | CZK |
| 216 | Internal finishes | CZK |
| 217 | HVAC/plumbing | CZK |
| 218 | Electrical installations, building | CZK |
| **219** | **Subtotal, Civil construction - Existing SO 103 IBA treatment hall (sum 210-218)** | **CZK** |

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|  | **Civil construction cost – Existing SO 106 Transformers** |  |
| 220 | Site preparation and demolition works | CZK |
| 221 | Site works and excavation | CZK |
| 222 | External utilities | CZK |
| 223 | Concrete works | CZK |
| 224 | Steel works | CZK |
| 225 | Facades and cladding including architecture | CZK |
| 226 | Internal finishes | CZK |
| 227 | HVAC/plumbing | CZK |
| 228 | Electrical installations, building | CZK |
| **229** | **Subtotal, Civil construction - Existing SO 106 Trafoes (sum 220-228)** | **CZK** |

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|  | **Civil construction cost – Existing SO 411 Sorting and turbine hall** |  |
| 230 | Site preparation and demolition works | CZK |
| 231 | Site works and excavation | CZK |
| 232 | External utilities | CZK |
| 233 | Concrete works | CZK |
| 234 | Steel works | CZK |
| 235 | Facades and cladding including architecture | CZK |
| 236 | Internal finishes | CZK |
| 237 | HVAC/plumbing | CZK |
| 238 | Electrical installations, building | CZK |
| **239** | **Subtotal, Civil construction - Existing SO 411 Sorting and turbine hall (sum 230-238)** | **CZK** |

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|  | **Civil construction cost – New SO 501 waste bunker extension** |  |
| 240 | Site preparation and demolition works | CZK |
| 241 | Site works and excavation | CZK |
| 242 | External utilities | CZK |
| 243 | Concrete works | CZK |
| 244 | Steel works | CZK |
| 245 | Facades and cladding including architecture | CZK |
| 246 | Internal finishes | CZK |
| 247 | HVAC/plumbing | CZK |
| 248 | Electrical installations, building | CZK |
| **249** | **Subtotal, Civil construction - New SO 501 waste bunker extension (sum 240-248)** | **CZK** |

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| --- | --- | --- |
|  | **Civil construction cost – New SO 502 Boiler, FGT and machine hall** |  |
| 250 | Site preparation and demolition works | CZK |
| 251 | Site works and excavation | CZK |
| 252 | External utilities | CZK |
| 253 | Concrete works | CZK |
| 254 | Steel works | CZK |
| 255 | Facades and cladding including architecture | CZK |
| 256 | Internal finishes | CZK |
| 257 | HVAC/plumbing | CZK |
| 258 | Electrical installations, building | CZK |
| **259** | **Subtotal, Civil construction - New SO 502 Boiler, FGT and machine hall (sum 250-258)** | **CZK** |

|  |  |  |
| --- | --- | --- |
|  | **Civil construction cost – others minor civil works** |  |
| 260 | Site preparation and demolition works | CZK |
| 261 | Site works and excavation | CZK |
| 262 | External utilities | CZK |
| 263 | Concrete works | CZK |
| 264 | Steel works | CZK |
| 265 | Ground works | CZK |
| 266 | Internal roads and parking plot | CZK |
| 267 | Landscaping | CZK |
| **268** | **Subtotal, Civil construction - others minor civil works (sum 260-267)** | **CZK** |

|  |  |  |
| --- | --- | --- |
| **270** | **Subtotal, civil part – total (sum 199+209+219+229+239+249+259+268)** | **Kč** |

|  |  |  |
| --- | --- | --- |
|  | **Guarantees cost** |  |
| 280 | Hedging cost for Contract Amount in CZK according to the Contract. | CZK |
| 281 | Bank guarantees/securities according to the Contract | CZK |
| 282 | Insurance according to the Contract | CZK |
| **283** | **Subtotal, guarantees (sum 280-282)** | **CZK** |
| **290** | **Contract Amount, exclusive of VAT (sum 18+26+37+43+52+64+73+94+120+136+146+150+160+186+199+209+219+229+239+249+259+268+283)** | **CZK** |

## Options

|  |  |  |
| --- | --- | --- |
|  |  |  |
| 301 | Low temperature economizer and flue gas condensation. | CZK |
| 302 | Design for future interconnection of steam header for Line with steam header for Existing facility. | CZK |
| 303 | New active carbon big bas storage system | CZK |
| 304 | New quick lime silo | CZK |
| 305 | Document management system | CZK |

## Optional unit prices

|  |  |  |
| --- | --- | --- |
|  |  |  |
| 401 | Price per m² additional gallery inclusive all necessary bearings, suspensions and railings not required in Contract. | CZK |
| 402 | Price per m. additional stairways inclusive all necessary suspensions and railings at both sides not required in Contract. | CZK |
| 403 | Man-hour rates for project managers | CZK |
| 404 | Man -hour rates for engineers | CZK |
| 405 | Man-hour rates for welders and fitters at site | CZK |
| 406 | Man-hour rates site manager inclusive accommodation and travel. | CZK |
| 407 | Man-hour rates site personnel inclusive accommodation and travel. | CZK |
| 408 | Man- hour rates other personnel inclusive accommodation and travel. | CZK |