



TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR

**Refurbishment of the Combined Heat and Power Plant
in Mladá Boleslav**

Business Package OB 2

BOILER HOUSES

VOLUME III

TECHNICAL REQUIREMENTS

Annex A 9 - Construction Conditions

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 2/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

Contents

1 CONDITIONS OF PERFORMING WORKS ON THE CONSTRUCTION SITE	4
1.1 Conditions for works execution on the construction site from the point of view of OHS	4
1.1.1 The training of the OB 2 CONTRACTOR's personnel and the responsibility of the OB 2 CONTRACTOR OB 2 personnel	5
1.1.2 Provision of first aid, reports on extraordinary events	5
1.1.3 Inspecting activities	5
1.1.4 Protection of workplaces and technical equipment of the OB 2 CONTRACTOR with respect to OHS	5
1.1.4.1 General requirements	5
1.1.4.2 Objects on the construction site, site facilities (SF), roads and building plots	5
1.1.4.3 The machinery and equipment	6
1.1.4.4 Protective and safety means and equipment	6
1.2 Requirements on Fire Protection	6
1.2.1 Basic obligations from the point of view of the Fire Protection	6
1.2.1.1 Training of the OB 2 CONTRACTOR's personnel with responsibility of the OB 2 CONTRACTOR's personnel	6
1.2.1 Inspecting activities	7
1.2.2 Protection of workplaces and technical equipment of the OB 2 CONTRACTOR with respect to the fire protection (FP)	7
1.3 Requirements for work hygiene	7
1.3.1 Basic obligations of the OB 2 CONTRACTOR	7
1.3.2 Protection of workplaces and technical equipment of the OB 2 CONTRACTOR with respect to the work hygiene	7
2 ASSURANCE OF THE WORK QUALITY, ASSURANCE OF THE QUALITY OF SUPPLIES, WORKS, AND SERVICES	7
3 GENERAL REQUIREMENTS FOR QUALITY ASSURANCE	8
4 HAND OVER OF THE CONSTRUCTION SITE	9
5 MEDIA FOR CONSTRUCTION	9
6 CONSTRUCTION SITE FACILITIES	10
7 THE CONSTRUCTION SITE ACCESS AND CHARACTERISTICS	10
7.1 Access	10
7.2 Construction Site Location	13
7.3 The construction site height limitation	14
8 THE SITE FACILITIES	14
9 THE STORAGE AND DISPOSAL OF CONSTRUCTION WASTE	14

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 3/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

10 THE PROJECT TIME SCHEDULE	15
11 TIME REQUIREMENTS FOR WORKS EXECUTION.....	15
12 LIST OF ABBREVIATIONS	15

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 4/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

1 CONDITIONS OF PERFORMING WORKS ON THE CONSTRUCTION SITE

The OB 2 CONTRACTOR is bound by the legal code of the Czech Republic during the creation and delivery of the LOT OB 2. Within the LOT OB 2 implementation, the OB 2 CONTRACTOR is obliged to proceed according to the Czech Republic generally binding legal regulations, including directly binding EU regulations and technical standards.

1.1 Conditions for works execution on the construction site from the point of view of OHS

The OB 2 CONTRACTOR is bound by the applicable legislative regulations of the Czech Republic when creating and delivering the LOT OB 2. During the implementation of the LOT OB 2, the OB 2 CONTRACTOR is obliged to proceed in accordance with Czech laws, legal regulations, standards, and valid control regulations of the CLIENT, regarding the Occupational safety and health (OHS) and safety principles of the CHP PLANT.

The OB 2 CONTRACTOR is obliged to procure all these laws, regulations, and standards.

The OB 2 CONTRACTOR is obliged to create conditions for safe and health-non-threatening work within execution of the LOT OB 2, in accordance with regulations over occupational safety, safety of technical equipment and health protection at work. These obligations are particularly stated in Act No. 262/2006 Coll. as amended (The Labour Code).

The OB 2 CONTRACTOR undertakes to provide information to the CLIENT about the scope and methods of carrying out all works, no later than thirty (30) calendar days before the construction site is taken over for use (in connection with the provision of §15 paragraph 1 of the Coll. No. 309/2006). The OB 2 CONTRACTOR undertakes to provide cooperation to fulfil the obligations according to the aforesaid law.

The CLIENT shall designate a safety coordinator on the construction site in accordance with Act No. 309/2006 Coll., as amended, and undertakes to inform the OB 2 CONTRACTOR.

The OB 2 CONTRACTOR is obliged to fulfil tasks in risk prevention and ensure a sufficient number of professionally qualified persons in problems of OHS. In case of fulfilment of the conditions according to Act No. 309/2006 Coll. this person will have the qualifications of a coordinator who will ensure compliance with the provisions of Decree Law No. 591/2006 Coll. on requirements for safety and health protection when working on construction sites.

If works and activities exposing a physical person to an increased threat to life or health damage which are specified in Annex No. 5 of Government Regulation No. 591/2006 Coll., are carried out on the construction site/the workplace, but the CLIENT has not appointed a safety coordinator on the construction site (failure to meet the criteria of Act No. 309/2006 Coll. §15, paragraph 1), the OB 2 CONTRACTOR shall ensure that a safety and health protection plan for works on the construction site is drawn up before starting any works.

The conditions to ensure safe work must be created by the OB 2 CONTRACTOR in the implementation documentation in the form of a technological or work procedure. To the extent that it concerns them, the OB 2 CONTRACTOR's employees shall be familiarized with this documentation and, when assessing possible risks to the operation, also the designated employees of the CLIENT. In justified cases determined by the professional employees of the OB 2 CONTRACTOR, a "Plan for securing OHS, PO and EP" is drawn up.

The OB 2 CONTRACTOR is obliged to acquaint its employees with the applicable legal regulations, technical standards, as well as with the submitted internal normative acts, local operational regulations, traffic rules and the CHP PLANT principles concerning the Occupational safety and health (OHS) issues.

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 5/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

The OB 2 CONTRACTOR is obliged to respect the requirements and restrictions that will be defined in legislative approval procedures (EIA, IPPC, ÚŘ, SŘ and others).

1.1.1 The training of the OB 2 CONTRACTOR's personnel and the responsibility of the OB 2 CONTRACTOR personnel

The responsible employee of the OB 2 CONTRACTOR and a worker responsible for OHS who is a top skill's professional and the work supervisor are required to participate in OHS, EMS and FP training according to the training program, carried out by professionally qualified persons even before the LOT OB 2 is starting.

The training of other OB 2 CONTRACTOR's workers will be carried out by a trained employee responsible for the OB 2 CONTRACTOR's occupational safety and health (OHS) health and safety.

The OB 2 CONTRACTOR is responsible for ensuring that all his workers who will participate in the implementation of the LOT OB 2 in the PLANT site will be demonstrably trained to the above-mentioned extent, at least.

Each manager of the OB 2 CONTRACTOR is responsible, within the scope of his/her position, for ensuring that all his subordinates, who will participate in the implementation of the LOT OB 2 and other activities in the PLANT area and in all leased premises, will comply with the applicable legal regulations during their work.

All employees of the OB 2 CONTRACTOR are obliged to take care of their own safety, their health and the safety and health of persons directly affected by their actions or omissions at work, to the best of their ability.

1.1.2 Provision of first aid, reports on extraordinary events

In the event of an accident or other health damage, the employees of the OB 2 CONTRACTOR are obliged to provide first aid to the affected persons either by their own efforts, depending on the extent of the injury, or through medical services.

Through their responsible employee the OB 2 CONTRACTOR is obliged to ensure compliance with the reporting obligation in the event of job-related injuries and other health damages in the sense of applicable regulations.

1.1.3 Inspecting activities

The OB 2 CONTRACTOR is obliged to allow the relevant professional staff of the CLIENT to carry out inspections of the state of work safety and technical equipment at their workplaces.

1.1.4 Protection of workplaces and technical equipment of the OB 2 CONTRACTOR with respect to OHS

1.1.4.1 General requirements

The OB 2 CONTRACTOR is obliged to secure the workplace and work in such a way that other workers and persons are not endangered. Workplaces and technical equipment with a risk of endangering people must be secured in accordance with the legislative and other requirements, listed in particular in the Chapter 1.1 above, as amended.

1.1.4.2 Objects on the construction site, site facilities (SF), roads and building plots

All assigned and built objects and areas must be maintained by the OB 2 CONTRACTOR in a condition, that does not endanger the safety of persons. The requirements for ensuring safety of objects, roads and surfaces are given in the text.

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 6/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

The working environment in the OB 2 CONTRACTOR's building objects shall also comply with the relevant provisions of the above-mentioned decree and related regulations.

The transport and operation on roads and areas are governed by applicable legal regulations, as well as the PLANT traffic rules.

1.1.4.3 The machinery and equipment

The OB 2 CONTRACTOR may use equipment and machinery only if all legislative and other requirements are met.

When working on or near the existing machinery and technological equipment of the PLANT, the OB 2 CONTRACTOR is obliged to comply with internal normative acts, local operating regulations, technical regulations and other principles of the CHP PLANT related to OHS issues.

1.1.4.4 Protective and safety means and equipment

The OB 2 CONTRACTOR must provide all protective safety equipment and equipment for use on the site. If the equipment is subject to statutory inspections, the CLIENT must receive copies of inspection or inspection records.

The OB 2 CONTRACTOR shall ensure, that personal protective work equipment is used on the construction site.

1.2 Requirements on Fire Protection

1.2.1 Basic obligations from the point of view of the Fire Protection

The OB 2 CONTRACTOR is bound by the applicable legislative regulations of the Czech Republic, when executing and delivering the LOT OB 2. Within the implementation of the LOT OB 2, the OB 2 CONTRACTOR is obliged to proceed in accordance with Czech laws, legal regulations, standards, and valid governing regulations of the CLIENT regarding the fire protection and fire protection principles of the CHP PLANT.

The OB 2 CONTRACTOR is obliged to procure all these laws, regulations, and standards.

The OB 2 CONTRACTOR is obliged to act in such a way as not to cause a fire during the implementation of the LOT OB 2, especially when using thermal, electrical, gas and other appliances and equipment, when storing and using flammable or fire-hazardous substances, and when handling open flames. In the case of carrying out fire-hazardous work, it is necessary to establish measures against the occurrence and spread of fire.

The OB 2 CONTRACTOR is obliged to acquaint their employees with applicable legal regulations, technical standards, internal normative acts, local operating regulations and other principles of the CHP PLANT in relation to the issue of fire protection.

1.2.1.1 Training of the OB 2 CONTRACTOR's personnel with responsibility of the OB 2 CONTRACTOR's personnel

The OB 2 CONTRACTOR's responsible employee is obliged to give evidence of a certificate of the fire protection (FP) training for their managerial personnel to the CLIENT.

The OB 2 CONTRACTOR is responsible for ensuring that all of their workers who will participate in the execution of the LOT OB 2 in the PLANT premises attend the initial FP briefing and that they have got the valid FP training in the scope for employees.

Each manager of the OB 2 CONTRACTOR is responsible, within the scope of his/her position, for ensuring that all his subordinates, who will participate in the implementation of the LOT OB 2 and other activities in the PLANT area will comply with the applicable legal regulations, regulations of fire protection and all rules of behaviour in the whole PLANT within their work there.

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 7/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

1.2.1 Inspecting activities

The PB2 CONTRACTOR is obliged to allow the relevant professional staff of the CLIENT to carry out inspections of the fire protection state at their workplaces and in all site facilities.

1.2.2 Protection of workplaces and technical equipment of the OB 2 CONTRACTOR with respect to the fire protection (FP)

The general requirements for ensuring fire protection of building objects on the construction site, objects of equipment and areas of the construction site and the OB 2 CONTRACTOR equipment and machinery are set out in Act No. 133/1985 Coll. on fire protection, as amended.

1.3 Requirements for work hygiene

1.3.1 Basic obligations of the OB 2 CONTRACTOR

The OB 2 CONTRACTOR is bound by the applicable legislative regulations of the Czech Republic, when creating and delivering the LOT OB 2. Within the LOT OB 2 implementation, the OB 2 CONTRACTOR is obliged to proceed in accordance with Czech laws, statutory regulations, standards, and valid governing regulations of the CLIENT, regarding work hygiene.

The OB 2 CONTRACTOR is obliged to procure all these laws, regulations, and standards.

Within the LOT OB 2 execution, the CONTRACTOR must create conditions for work non-threatening to health, in accordance with occupational health protection regulations and valid hygiene regulations and methodological instructions of the State hygiene offices.

The conditions of safe work must be established by the OB 2 CONTRACTOR in the implementation documentation in the form of technological or work regulations. The employees of the OB 2 CONTRACTOR must be familiarized with the content of this documentation to the extent that it concerns them, as well as the designated employees of the CLIENT based on the assessment of possible operational risks. In justified cases, an Industrial Safety Plan, a Fire Safety Plan, and an Environmental Protection Plan must be drawn up.

The OB 2 CONTRACTOR is obliged to acquaint their employees with applicable legal regulations, technical standards, internal normative acts, local operating regulations and other principles of the CHP PLANT in relation to the work hygiene and the Occupational safety and health.

1.3.2 Protection of workplaces and technical equipment of the OB 2 CONTRACTOR with respect to the work hygiene

The general requirements for the creation and protection of healthy living conditions in the sphere of care for work hygiene on the construction site, in the site facilities, on leased premises and areas and during the operation of equipment and machinery of the OB 2 CONTRACTOR are listed in particular in Government Regulation No. 361/2007 Coll. and Decree No. 432/2003 Coll.

When storing and handling substances containing poisons or caustics, the requirements of Regulation (EC) No. 1907/2006 (the REACH) must be met.

2 ASSURANCE OF THE WORK QUALITY, ASSURANCE OF THE QUALITY OF SUPPLIES, WORKS, AND SERVICES

The OB 2 CONTRACTOR will design and implement the LOT OB 2 in accordance with the applicable legislation of the Czech Republic, especially in accordance with Act No. 183/2006 Coll. (The Building Act) as amended and its implementing Decrees, in accordance with Decree No. 268/2009 Coll. on technical requirements for construction, according to valid regulations of fire protection, OHS,

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 8/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

environmental protection regulations, according to valid ČSN, EN and in accordance with the building permit and the conditions issued for the building permit by the relevant State administration authorities or network administrators.

The subjects of the LOT OB 2 are all project, preparatory, implementation and auxiliary works related to the delivery and assembly of the complete LOT OB 2, as a whole.

All selected materials used in the design of building structures and technological equipment, or with their surfaces finish must comply with the principles of OHS and FP, Act No. 22/1997 Coll. on technical requirements for products with all applicable related and subsequent laws, government regulations, decrees and implementing decrees. The OB 2 CONTRACTOR is obliged to submit all certification documents and declarations of conformity for individual materials and partial deliveries. When executing the construction, it is necessary to follow the prescribed technological procedures and recommendations for applications from the manufacturers of the materials used and the suppliers of the technological equipment. The same also applies to other technological procedures, standards and principles of implementation and assembly, which are given for individual specific construction activities or technological deliveries.

A detailed description of the requirements for the quality of the LOT OB 2 is given in the part A 4.4, in the Chapters No. 2 and No. 3.

3 GENERAL REQUIREMENTS FOR QUALITY ASSURANCE

As a part of the LOT OB 2 construction the OB 2 CONTRACTOR shall proceed as follows:

- 1) to process basic data on the organization of construction and assembly (the OB 2 SITE facilities and equipment, number of workers, special measures), including a description of the assembly procedure and the time schedule of decisive deliveries and activities.
- 2) to prepare drawing documentation with a proposal for the layout of the facilities and equipment on the OB 2 CONSTRUCTION SITE (social and sanitary equipment, offices, roads, parking areas, etc.) with the dimensions of mobile cells and storage areas. The drawing documentation will be supplemented with the relevant time schedule and will be subject to the CLIENT's approval.
- 3) to take all responsibility for obtaining all necessary permits for the construction of temporary structures.
- 4) to take all responsibility for properly maintaining the equipment of the OB 2 CONSTRUCTION SITE will be properly maintained and the individual areas will be marked according to the approved documentation.
- 5) to ensure the most effective construction management during its execution, including all temporary structures and measures. The work will be carried out according to the approved Time Schedule which will be continuously updated by the OB 2 CONTRACTOR.
- 6) to provide all operating materials, consumables, special tools and equipment, protective equipment, safety equipment and everything else needed to equip the OB 2 CONSTRUCTION SITE.
- 7) to ensure that the equipment is placed directly on the prepared base or placed in the agreed storage space immediately after transport to the OB 2 CONSTRUCTION SITE.
- 8) to arrange, at their own expense, a proper storage of transported equipment and material on the CONSTRUCTION SITE until the time of its assembly. The storage method will respect the type of equipment.

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 9/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

- 9) to ensure that neighbouring technologies and other technical equipment of the CLIENT are not damaged during the WORK execution. In the event that this happens exceptionally, this fact will be immediately reported to the CLIENT's Representative and the OB 2 CONTRACTOR will ensure that this equipment will be immediately returned to its original condition.
- 10) If necessary, the OB 2 CONTRACTOR will provide temporary and protective measures within the construction (the formwork, noise, and dust barriers, dividing structures of the construction, etc.).

4 HAND OVER OF THE CONSTRUCTION SITE

The CLIENT shall hand over the OB 2 CONSTRUCTION SITE to the OB 2 CONTRACTOR no later than 14 days before the start of the WORKS. The CLIENT will inform the OB 2 CONTRACTOR of the conditions and circumstances that may affect the safety of the contractor's workers.

The CLIENT will define the OB 2 CONSTRUCTION SITE (the workplace) with border points. It will be supplemented with a simple sketch, as needed.

The OB 2 CONTRACTOR will propose, and the CLIENT approves the method of fencing or enclosure, or other protection of the safety of persons moving in the vicinity of the construction site.

The CLIENT will hand over the construction site plan to the OB 2 CONTRACTOR with marked underground services and other detectable underground obstacles at the construction site.

The CLIENT shall notify the OB 2 CONTRACTOR of objects that must be protected from the construction site traffic. (Buildings, technical equipment, trees, bushes, etc.). Potential protection zones and technical solutions for the protection method will be determined.

A record will be made of the OB 2 CONSTRUCTION SITE handover. The record of the CONSTRUCTION SITE handover will contain the following information, at least:

- 1) The identification data of the CLIENT: the name, the registered office, the authorized representative, the OHS coordinator and contacts of the above-mentioned persons,
- 2) The identification data of the OB 2 CONTRACTOR: the name, the registered office, the responsible representative of OHS, the responsible representative of FP, the responsible representative of EP and contacts of the above-mentioned persons.
- 3) Data concerning the place of the Work execution: the address, the location, the LOT OB 2 execution, the location.
- 4) Delimitation of the workplace / the CONSTRUCTION SITE: lands, objects, areas of the site facilities (SF), storage areas, boundaries of the workplace, possibly supplemented with graphic attachments.
- 5) Data on existing underground services, a drawing with their layout.
- 6) Data on the connection points of the necessary energies and their main seals.
- 7) Data on driveways and access roads.
- 8) Other specific arrangements.

5 MEDIA FOR CONSTRUCTION

The connection to the existing LV and water distribution systems will be made in the existing premises of the CHP PLANT.

The OB 2 MANUFACTURER always installs separate measurements of energy taken.

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 10/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

The OB 2 CONTRACTOR OB 2 will carry out regular monthly readings of the consumed energy which will be handed over to the CLIENT and subsequently paid in the agreed terms and prices. The prices for the collected media will be agreed according to the usual prices, the place and time.

The exact location of the connection points will be resolved in the Construction organisation principles (COP).

The OB 2 CONTRACTOR is obliged to conclude a contract for the offtake of the given media with the CLIENT at prices usual in this location.

6 CONSTRUCTION SITE FACILITIES

Within the scope of the POBC project the OB 2 CONTRACTOR will design and submit to the CLIENT for approval the location of construction site facilities (offices, changing rooms, social facilities for employees of the OB 2 CONTRACTOR OB 2) and the necessary areas for storage.

The overall areas provided by the CLIENT for the entire project for the establishment of construction site facilities are marked on drawing A114.01 - Coordination situation. These areas will be divided to individual contractors during the construction.

The OB 2 CONTRACTOR will realize the site facilities and after the LOT OB 2 will be completed, the OB 2 CONTRACTOR will remove all site facilities at their own expense.

7 THE CONSTRUCTION SITE ACCESS AND CHARACTERISTICS

7.1 Access

The construction will be situated exclusively in the closed area of the PLANT. The PLANT construction site is located in the SOUTH-EAST part of the Škoda Auto a.s. production plant Mladá Boleslav which is connected to public access roads.

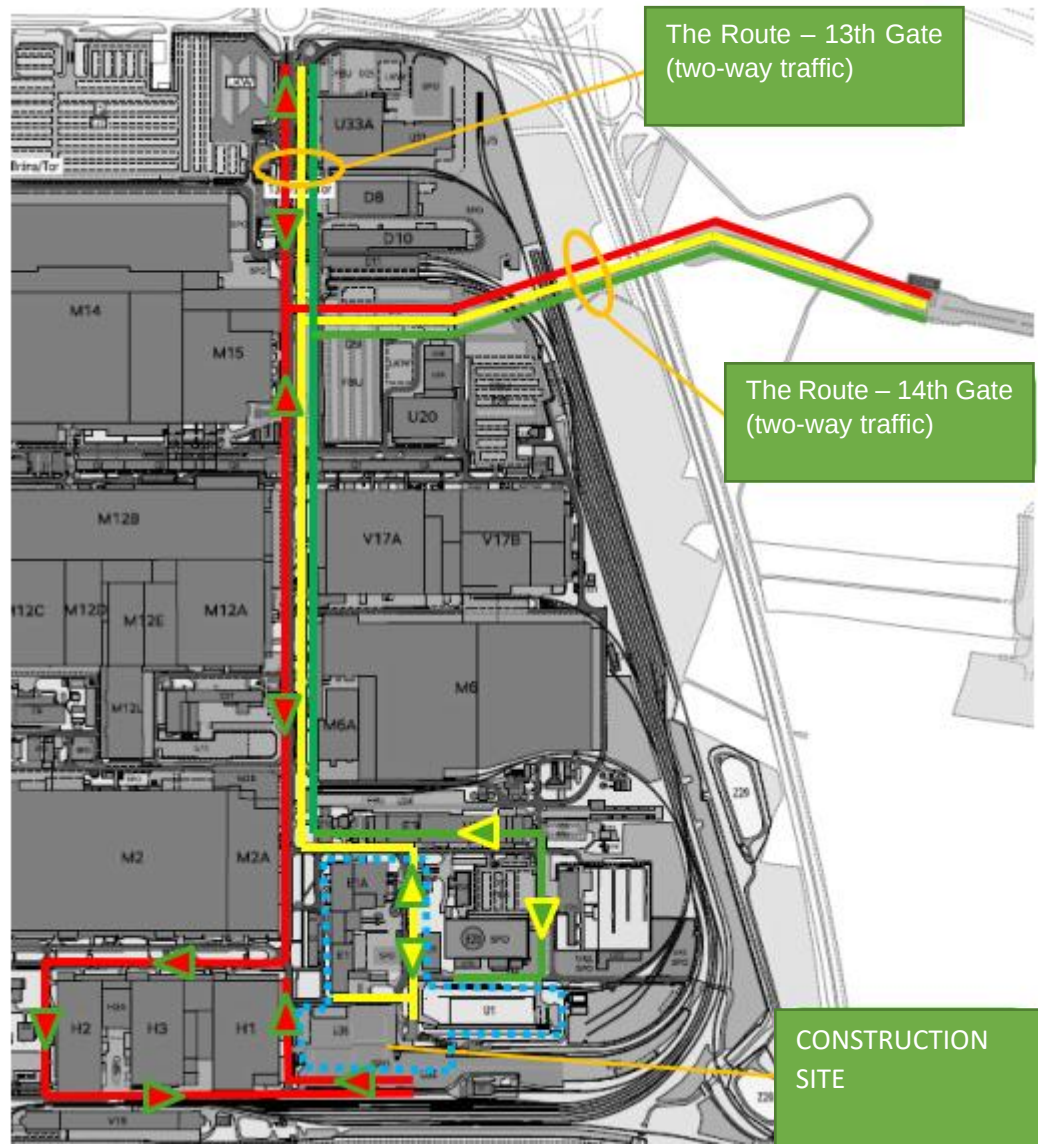
All materials, raw materials and waste will be transported to and from the premises by lorries and trucks, or an industrial railway may be used by mutual agreement with the relevant Škoda Auto Department.

The transport connection to the plant premises is via Václav Klement High Street, or from Prumyslova Street and further along the roads of the industrial estate. A railway siding is connected to the southern part of the area.

The existing roads in the PLANT area will be used to access the construction sites. It will be possible to carry out the construction while maintaining the traffic capacity of the locality of interest, so it is not necessary to solve alternative detour routes.

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 11/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR	
Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

1. Determining the height of passage through the gate 13.



Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 12/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0



2. Determination of the height clearance through the pipe bridge of the hot water piping

In the area of the existing pipe bridge on the west side of the construction site, there is a height limitation in terms of this bridge underpass. Limiting heights: 3.5 to 5.1 - see pictures.



Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 13/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0



7.2 Construction Site Location

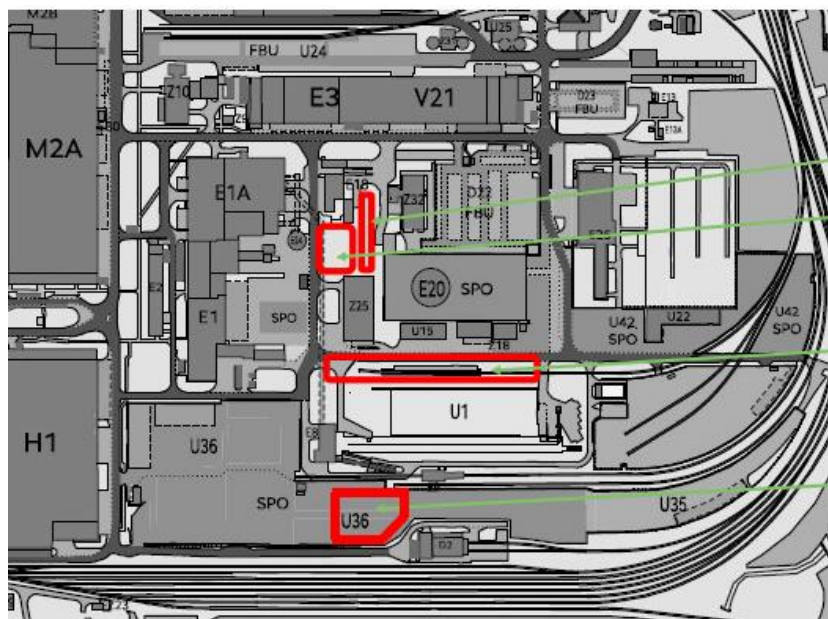
When determining and preparing the construction site, it will be necessary to take into account the adjacent land and the premises roads, so that the areas concerned, roads and overall operation of the PLANT will be disturbed as little as possible by the construction.

The safe access must be maintained to all objects in the PLANT, and among other things, the removal of combustion products and the import of reactants, etc. must be allowed.

At the same time, during the construction, the necessary space for the arrival of the Fire Rescue Service (HZS) vehicles and the appropriate boarding area for management of the fire intervention must be preserved for all buildings.

The access to the surrounding lands and adjacent roads will be maintained.

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 14/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0



Area	Note
Portable cabins and offices	400 m² - The parking area for passenger cars 200 m²
Beside the Heat and power plant	700m²
Beside the Coal Dump	3 500 m² - Pedestrian access (from E1) - The access to Z25 – the extraction point, the extension with a container - The access to E8 (Vacuum system) - The access to U1 (the loader)
U36	2,000 m²

7.3 The construction site height limitation

The maximum height of construction machinery is limited to 263 m above sea level., i.e. approx. 53 m according to the requirements of one of the Authorities concerned.

8 THE SITE FACILITIES

The OB 2 CONTRACTOR shall equip the OB 2 CONSTRUCTION SITE with all necessary equipment necessary for the proper execution of the LOT OB 2 at their own expense.

9 THE STORAGE AND DISPOSAL OF CONSTRUCTION WASTE

Within the POBC project the OB 2 CONTRACTOR will design and submit to the CLIENT for approval the location of areas for the temporary collection and sorting construction waste. The space for temporary storage of waste from dismantling and demolition is minimal in the Škoda Auto area. The continuous waste removal is required to the maximum extent possible.

The storage and disposal of construction waste will be provided by the OB 2 CONTRACTOR at its own expense in accordance with Act No. 541/2020 Coll. about waste. The storage and disposal of waste will be ensured by an authorized person according to the applicable legislation.

Waste material that has arisen due to construction activities (including breaking works and demolition) will be recycled to the maximum extent or handed over for recycling. The rest of waste will be removed by regular sorted removal by contracted companies. The waste must be classified by its originator in accordance with Decree No. 8/2021 Coll., Waste Catalogue. The waste will be sorted and collected separately on the construction site and disposed properly. During the construction activities, a hierarchy of methods of handling the produced waste will be observed, preferably the waste will be materially used (by recycling) and the rest will be deposited in a landfill or burned in a waste incinerator.

During the construction works, a narrow circle of waste will be created. It will mostly be material from demolished parts of structures, existing structures affected by the construction (reinforced concrete, concrete, masonry, asphalt waterproofing), material from the dismantling of equipment and pipelines

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 15/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

(metal waste - taken to a collection point, thermal insulation – mineral felt - taken to the appropriate landfill, others - disposal according to the type of waste).

10 THE PROJECT TIME SCHEDULE

Based on the summary project schedule according to the LOT OB 2 CONTRACT, the OB 2 CONTRACTOR will prepare a detailed project schedule which will include the sequence of execution of individual activities, the planned dates for the performance of these activities and the project key milestones.

The project detailed schedule will be regularly updated by the OB 2 CONTRACTOR based on activities actually performed, at least once every 14 days. In this period, the updated project schedule will be submitted to the CLIENT.

11 TIME REQUIREMENTS FOR WORKS EXECUTION

The time requirements result from the continuation of the construction of other related parts (business packages) of the entire construction according to the overall time plan of the CLIENT.

12 LIST OF ABBREVIATIONS

Note: Sorted alphabetically according to the Czech version.

Abbreviation	Text
AŘ	Administration procedure code
I&C	Automated management of technological process
ATEX	ATEX Directions (Atmosphères Explosibles) for equipment and protective systems intended for use in areas with explosion hazards
BAT	Best Available Techniques
BWTP	Biological wastewater treatment plant
BEP	BIM Execution Plan
BIM	Building Information Modelling/Management
RR	Routine repair
OHS	Occupational safety and health
BaA	Baltic after the Alignment
CE	Conformité européenne
CCTV	Closed Circuit Television
CEMS	Emission monitoring system
CDE	Common data Environment
No.	Number
ČBÚ	Czech Mining Office
CR	Czech Republic
ČSN	Czech Technical Standard
ČGS	Czech Geological Survey
ČÚBP	Czech Occupational Safety Office
DOSS	State Administration Bodies Concerned
WRW	Waste rainwater
DPS	Documentation required for building construction execution

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 16/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

Abbreviation	Text
DSP	Documents required for building permit
DSPS	Documentation of the actual state of construction
WCh	Wood chips
EIA	Environmental impact assessment
EIR	Exchange Information Requirements
EMC	Electromagnetic compatibility
EMS	Environmental management system
EN	European standards
EFAS	Electronic fire alarm system
ES	European Community
EU	European Union
FAC	Final Acceptance Certificate
FAT	Factory Acceptance Test
FC	Frequency converter
GO	General overhaul
H	Hold point
HMG	Time schedule
HAZOP	Hazard and Operability Study
HW	Hardware
CHOPAV	Protected area of natural water accumulation
IAPWS	International Association for the Properties of Water and Steam
IEC	International Electrotechnical Commission
IFC	Industry Foundation Classes / format
IPPC	Integrated permission
IO	Engineering object
I/O	Input/output signals
ISO	International organization for Standardization
IT	Information Technologies
ITS	Internal technical standards
ITE	Individual tests
k.ú.	Cadastral territory
KV	Comprehensive testing
LV	Low-voltage
FWT	Feed water tank
NV	Government Regulation
OB	Business package
SS	Steel structure
EP	Environmental Protection
parc. No.	Parcel number
PAC	Preliminary Acceptance Certificate
PED	Pressure Equipment Directive
P&I	Piping and instrument diagram
BC	Belt conveyor
PD	Implementation documentation

Refurbishment of the Combined Heat and Power Plant in Mladá Boleslav	Page 17/17
TENDER DOCUMENTATION FOR SELECTION OF THE CONTRACTOR Technical Requirements	Date: 08/2023
OB 2 BOILER HOUSES	Revision 0

Abbreviation	Text
SIT	Schedule of inspection and tests
FP	Fire protection
POBC	Plan and organization of the building construction
PRE-BEP	Design plan of BIM implementation
PS	Operational file
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
SCR	Selective catalytic reaction
CGM	Combustible gas mixture
SEE	Stable extinguishing equipment
SIL	Safety Integrity Level
I&C	Instrumentation and Control system
SNCR	Selective Non-Catalytic Reduction System
SNIM	3D model of non-graphic information standard
SO	Building object
CfW	Contract for work
SP	Building permit
CM	Construction management
QMS	Quality management system
SW	Software
CS	Control system
TR	Technical regulations
HVAC	Heating, ventilation and air conditioning
SP	Solid pollutants
ÚŘ	Territorial management
ÚSES	The concept of the territorial system of ecological stability
VaK	Waterworks and Sewerage Systems
HV	High-voltage
VOC	Volatile organic compound
ACS	Air-conditioning system
HP	High-pressure
W	Witness Point
WF	Workflow
COP	Construction organization principles