

SUPPLEMENTAL INFORMATION #1

to ITB No. BLR/1307/2015 for the

Supply, installation and commissioning of basic and auxiliary equipment, automatic process control systems for pulp and recirculated pulpwat er cleaning, storage and transportation for the office paper production from wastepaper on a turnkey basis, Borisov, Republic of Belarus

ITB No. BLR/1307/2015 is hereby modified and the following amendments are introduced into the BLR/1307/2015 document:

1. Section 3b: Related Services, item Installation Requirements is amended to read as follows:

The Supplier shall provide supervision to assembly and erection of the equipment at the installation site in Minsk (the assembly and erection of the equipment will be performed by the Supplier's staff).

2. Section 13: CHECKLIST FOR SUBMISSION OF BIDDING DOCUMENT, item 5.8. is amended to read as follows:

Section 3 Personnel (ITB Section 6), including Qualifications of Key Personnel as specified under i.3.1.;

3. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS, I. Main equipment, items 1.3.; 2.3.; 3.1.; 4.1. are amended to read as follows:

1.3. Flange joints at input (inlet) and output (outlet):

Material - stainless steel / aluminum / duraluminum;

2.3. Flange joints at input (inlet) and output (outlet):

Material - stainless steel / aluminum / duraluminum;

3.1. Case and flange joints:

Material of case – stainless steel;

Material of flange joints - stainless steel / aluminum / duraluminum;

4.1. Case and flange joints:

Material of case – stainless steel;

Material of flange joints - stainless steel / aluminum / duraluminum

The amended Technical Bid Form and Section 3a "Schedule of Requirements and Technical Specifications" are attached.

4. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS, I. Main equipment, the following item (item 5.9.) has to be added:

5.9. Pressurization pump– Available; Max. motor power – 30 kW;

The amended Technical Bid Form and Section 3a "Schedule of Requirements and Technical Specifications" are attached.

5. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS, II. Auxiliary equipment and materials, item 1 is amended to read as follows:

1. Pumps (except the pumps for main equipment indicated in items 1.9; 2.9; 5.6; 5.9);

The amended Technical Bid Form and Section 3a "Schedule of Requirements and Technical Specifications" are attached.

6. Instructions to Bidders, DATA SHEET, item 30, Maximum Expected duration of contract is amended to read as follows:

Supply and delivery of goods – **180 calendar days** from the date of the contract signing;
Assembly and installation, testing, commissioning, training, handing over of equipment to the Purchaser – 90 calendar days from the date of delivery;
Warranty obligations – minimum 12 months from the date of handing over the Goods to the Purchaser.

7. Section 3b: Related Services, item Delivery Date is amended to read as follows:

Maximum one hundred eighty (180) calendar days from Purchase Order signature date.

8. Section 6: Technical Bid Form, Delivery Schedule the phrase “The total period elapsing from the date of signing the Purchase Order to delivery shall not exceed one hundred twenty (150) calendar days (alternate delivery schedule may also be considered if found acceptable)” is amended to read as follows:

“The total period elapsing from the date of signing the Purchase Order to delivery shall not exceed one hundred eighty (180) calendar days (alternate delivery schedule may also be considered if found acceptable)”.

9. Section 6: Technical Bid Form, Delivery Schedule the item in the table Requested Delivery Schedule the statement “Not more than one hundred and twenty calendar days (150) after signing the Purchase Order” is amended to read as follows:

Not more than one hundred and eighty calendar days (180) after signing the Purchase Order.

10. SECTION 2 - SCOPE OF SUPPLY, TECHNICAL SPECIFICATIONS, AND RELATED SERVICES, item 2.6 Implementation Timelines: the statement “Implementation Timelines: Expected Commencement Date of the Contract (March, 2015). The handing over of the equipment must be effectuated not later than within 180 days from the contract signature” is amended to read as follows:

“Implementation Timelines: Expected Commencement Date of the Contract (April, 2016). The handing over of the equipment must be effectuated not later than within 270 days from the contract signature”.

11. Instructions to Bidders, DATA SHEET, item 21, Deadline of Bid Submission as well as in the whole text of tender document is amended to read as follows:

Date: **February 18, 2016**

Time: **13.00 hours (Minsk time)**

12. Instructions to Bidders, DATA SHEET, item 24, Date, time and venue for opening of Bid as well as in the whole text of tender document is amended to read as follows:

Date : **February 18, 2016**

Time : **14.30 hours (Minsk time)**

Venue : UNDP Office in Belarus, Kirova str., 17, 6th floor, Minsk, 220050, Republic of Belarus

13. Instructions to Bidders, DATA SHEET, item 16, Deadline for submitting requests for clarifications/questions is amended to read as follows:

Ten (10) days before the submission date: February 08, 2016.

14. Instructions to Bidders, DATA SHEET, item 36, Other Information Related to the ITB the phrase

DO NOT OPEN BEFORE 14.30 HOURS (MINSK TIME) ON JANUARY 30, 2016 is amended to read as follows:

DO NOT OPEN BEFORE 14.30 HOURS (MINSK TIME) ON FEBRUARY 18, 2016.

15. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS,
I. Main equipment, item 3.5. Basket with holes, Holes diameter is amended to read as follows:

Holes diameter – 1.4–1.8 mm;

The amended Technical Bid Form and Section 3a “Schedule of Requirements and Technical Specifications” are attached.

16. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS,
I. Main equipment, item 4.5. Basket with holes, Holes diameter is amended to read as follows:

Holes diameter – 1.6–2.0 mm;

The amended Technical Bid Form and Section 3a “Schedule of Requirements and Technical Specifications” are attached.

17. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS,
I. Main equipment, item 5. Floating unit for cleaning of excess white water from Paper machine producing paper for Stage 2 is amended to read as follows:

Type – radial;

Capacity – 200 m³/h;

Concentration at inlet (average) – 300 mg/l;

Concentration at inlet (maximum) – 1200 mg/l;

Clarified water concentration – up to 30 mg/l;

Efficiency of flotation unit - 90-97%;

Solids in the white water is up to 0,12%; ash content of solids is up to 60%.

Continuous removal of bottom sediments;

Finishing surface treatment (the requirements are applied to the equipment indicated in items 5.1-5.7 according to the material):

welded joints and stainless steel surfaces – sand blasting;

carbon steel surfaces – painting (stamping);

cast iron surfaces – painting (stamping);

paint type – wear-resistant coating;

The amended Technical Bid Form and Section 3a “Schedule of Requirements and Technical Specifications” are attached.

18. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS,
I. Main equipment, item 2.8. Vertical agitator is amended to read as follows:

2.8. Vertical/ horizontal agitator.

The amended Technical Bid Form and Section 3a “Schedule of Requirements and Technical Specifications” are attached.

19. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS,
I. Main equipment, item 4. (2nd stage pressure coarse screen) the following parameter has to be added:

Content of suitable fiber in waste is up to 5% (without consideration of wet strength fiber materials);

The amended Technical Bid Form and Section 3a "Schedule of Requirements and Technical Specifications" are attached.

20. Section 3a: Schedule of Requirements and Technical Specifications item C. Works carried out by the Unitary Enterprise "Paper Mill" of Goznak at stage 2 of the project the phrase mounting of lifting equipment (monorails, hoists) is amended to read as follows:

mounting of lifting equipment (beam crane)

21. Section 3a: Schedule of Requirements and Technical Specifications, item D.5. Type of fiber materials and chemical additives in the composition of manufactured products (after implementation of Stage 2) the following parameter has to be added:

Maximum ash content in the initial stock is 25%;

22. Section 3a: Schedule of Requirements and Technical Specifications, D. Initial basic data for technical-economic calculation for Stage 2 equipment, the following item (D.6.) has to be added:

D.6. Parameters of office paper of mark C:

- brightness – not less than 90% (ISO 2470);
- dirtiness – not more than 30 pcs/m² (ISO 5350-3:2007);
- office paper ash content is up to 18%;

23. Section 3a: Schedule of Requirements and Technical Specifications, D. Initial basic data for technical-economic calculation for Stage 2 equipment, the following item (D.7.) has to be added:

D.7. The parameters of pulp material before it's entry to refining process unit:

- degree of refining – 16–20°SR (ISO 5267-1);
- average fiber length – 0.6–2.0 mm (ISO 16065-1);
- stock concentration – 2.0–4.0% (ISO 4119);

24. Section 3a: Schedule of Requirements and Technical Specifications TECHNICAL SPECIFICATIONS, I. Main equipment, item 3 is amended to read as follows:

3. 1st stage pressure coarse screen:

Stock concentration – from 2.0 to 4.0%;

degree of pulp cleaning (90-97%);

content of non-fiber materials in the cleaned pulp (up to 0.5%);

minimum fiber material loss (up to 5% without consideration of wet strength fiber materials);

Finishing surface treatment (the requirements are applied to the equipment indicated in items 3.1-3.9 according to the material):

Stainless steel surfaces – sand blasting;

carbon steel surfaces – painting (stamping);

cast iron – painting (stamping);

paint type – wear-resistant coating;

25. Section 3a: Schedule of Requirements and Technical Specifications, SCHEDULE OF REQUIREMENTS, item 1.3.4. (1st stage fine pressure screen, model MC2) the following parameter has to be added:

- motor power - 45 kW;

26. Section 3a: Schedule of Requirements and Technical Specifications, SCHEDULE OF REQUIREMENTS, item 1.3.5. (1st stage fine pressure screen, model MC2) the following parameter has to be added:

- motor power - 30 kW;

27. Section 3a: Schedule of Requirements and Technical Specifications item D.4. Type of manufactured products (after implementation of Stage 2) is amended to read as follows:

D.4. Type of manufactured products (after implementation of Stage 2):

- base for office paper of mark C (Copy base paper);
- paper for producing exercise-books with basic weight 57 gr/m²
- other types of printing paper (offset paper) with basic weight 50- 120 gr/m².

21 January, 2016