CORRIGENDUM No: 2

to the

Bidding document for

Procurement of works related to

**ADAPTATION OF 9 VET SCHOOLS IN MONTENEGRO**

**ICB No: 01-426/23-6031/1**

**Corrigendum No. 2 is issued on 6th December 2023**

As a result of the clarification process the Contracting Authority makes the following modifications to the Bidding Document:

**MODIFICATION NO.1**

**REFURBISHMENT WORKS OF THE SECONDARY VOCATIONAL EDUCATION "BERANE”**

**Original text given under point: Part 2\_Section VI Technical Specification, ITEM B9.1:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B9.1.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type A, in classrooms | |
| Description  Supply and installation of vinyl flooring for commercial use, in accordance with main design.Prior the installation of the vinyl flooring preparation of underlayer must be executed.The limit values of the unevenness of the finished substrate measured at a distance of 2m - 7  mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 2,00 mm according to EN ISO 24346  - thickness of the wear layer: ≥ 1,00 mm according to EN ISO 24340  - European classification: class 34-43 according to EN ISO 10874  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - electrical propensity: <2kV according to EN ISO 1815  - wear resistance: ≤2,0 mm3 according to EN 660.2  - Wear group: T according to EN 651  - residential indentation: ≤0,10 mm according to EN ISO 24343-1  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO16000-6  The vinyl flooring is installed by using by welding and adhesive on previously prepared surface.  Colour of welding electrode in colour of floor.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the  working conditions, application equipment etc. shall all be strictly in accordance to the  manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.Calculation per m2 of installed floor with MDF |

**Is replaced by the following:**

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| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B9.1.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type A, in classrooms | |
| Vinyl floor Type A is heterogenous and have protective layer which is antibacterial and anti-fungicidal with permanent protective treatment. Detailed description in following:  Supply and installation of heterogenous vinyl flooring for commercial use with protective layer which is antibacterial and anti-fungicidal with permanent protective treatment, in accordance with main design.  Prior the installation of the vinyl flooring preparation of underlayer must be executed.  The limit values of the unevenness of the finished substrate measured at a distance of 2m - 7 mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 2,00 mm according to EN ISO 24346  - thickness of the calendared bearing layer of pure PVC on the whole surface: ≥ 1,00 mm according to EN ISO 24340  - European classification: class 34-43 according to EN ISO 10874  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - electrical propensity: <2kV according to EN ISO 1815  - wear resistance: ≤2,0 mm3 according to EN 660.2  - Wear group: T according to EN 651  - residential indentation: ≤0,10 mm according to EN ISO 24343-1  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987   * sound insulation according to EN ISO 717-2:2013 – 8 dB   - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed by using by welding and adhesive on previously prepared surface. Colour of welding electrode in colour of floor.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance to the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.  Calculation per m2 of installed floor with MDF |

**Original text given under point: Part 2\_Section VI Technical Specification, ITEM B9.2:**

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| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B9.2.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type B, in meeting room in the attic | |
| |  | | --- | | Description | | Supply and installation of vinyl flooring for commercial use, in accordance with main design. Prior the installation of the vinyl flooring preparation of underlayer must be executed. The limit values of the unevenness of the finished substrate measured at a distance of 2m - 5 mm, 0.20 m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 4,60 mm according to EN ISO 24346  - thickness of the wear layer: 0,70 mm according to EN ISO 24340  - European classification: class 34-42 according to EN ISO 10874  - tile size: 500x500 mm according to EN 427  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - wear resistance: ≤2,0 mm3 according to EN 660.2  - impact sound insulation: 15 dB according to EN ISO 717-2  - walking noise reduction ≤65 dB  - residential indentation: ≤0,13 mm according to EN ISO 24343-1  - castor chair test (type W) according to EN 425  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed with adhesive.  On perimeter of the room install the MDF skirting boards which is included in unit price.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance to the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.Calculation per m2 of installed floor with skirting boards | |

**Is replaced by the following:**

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| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B9.2.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type B, in meeting room in the attic | |
| |  | | --- | | Vinyl floor Type B is heterogenous and have protective layer which is antibacterial and antifungicidal with permanent protective treatment. Detailed description in following:  Supply and installation of vinyl flooring for commercial use of heterogenous vinyl flooring for commercial use with protective layer which is antibacterial and antifungicidal with permanent protective treatment, in accordance with main design.  Prior the installation of the vinyl flooring preparation of underlayer must be executed.  The limit values of the unevenness of the finished substrate measured at a distance of 2m - 5 mm, 0.20 m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 4,60 mm according to EN ISO 24346  - thickness of the wear layer: 0,70 mm according to EN ISO 24340 , It consists of a 0.70 mm thick transparent wearing layer, a designer film, a calendared layer and a PVC / I cork layer that provides acoustic properties with impact sound insulation  - European classification: class 34-42 according to EN ISO 10874  - tile size: 500x500 mm according to EN 427  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - wear resistance: ≤2,0 mm3 according to EN 660.2  - impact sound insulation: 15 dB according to EN ISO 717-2  - walking noise reduction ≤65 dB  - residential indentation: ≤0,13 mm according to EN ISO 24343-1  - castor chair test (type W) according to EN 425  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed with adhesive.  On perimeter of the room install the MDF skirting boards which is included in unit price.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance to the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.  Calculation per m2 of installed floor with skirting boards. | |

**MODIFICATION NO.2**

**REFURBISHMENT WORKS OF THE SECONDARYVOCATIONAL EDUCATION "ROŽAJE”**

**Original text given under point: Part 2\_Section VI Technical Specification, ITEM B7.1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B7.1.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Supply and installation of vinyl flooring in classrooms | |
| Description  Supply and installation of vinyl flooring for commercial use, in accordance with main design.Prior the installation of the vinyl flooring preparation of underlayer must be executed.The limit values of the unevenness of the finished substrate measured at a distance of 2m – 7 mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:   * total thickness: 2,00 mm according to EN ISO 24346 * thickness of the wear layer: ≥ 1,00 mm according to EN ISO 24340 * European classification: class 34-43 according to EN ISO 10874 * fire rating: class Bfl-s1 according to EN 13501-1 * slip resistance wet: class R10 according to DIN 51130 * electrical propensity: <2kV according to EN ISO 1815 * wear resistance: ≤2,0 mm3 according to EN 660.2 * Wear group: T according to EN 651 * residential indentation: ≤0,10 mm according to EN ISO 24343-1 * colour fastnesses: ≥6 degree according to EN 20105-B02 A multi-layered flexible PVC floor * covering with antibacterial and fungicidal treatment, resistant to acids and easy to maintain, is laid on the base prepared in this way.   Total thickness according to EN ISO 24346:2013 - 2 mm thickness of the supporting layer of pure PVC according to EN ISO 24340:2013 > 1 mm total weight according to EN ISO 23997:2013 2580 - 2680g/m2 European classification according to EN ISO 10874:2013: 34-43 fire resistance EN 13501-1:2010: Bfl -s1 susceptibility to static electricity EN 1815:2016: < 2 kV anti-slip class according to DIN 51 130 R10 abrasion resistance according to EN 660-2:2003: < 2.0mm3 wear class according to EN 651:2013 group T residual indentation according to EN ISO 24343 -1:2013 < 0.10 mm resistance to furniture wheels according to EN 425:2003 OK resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed by using by welding and adhesive on previously prepared surface.  Colour of welding electrode in colour of floor.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the  working conditions, application equipment etc. shall all be strictly in accordance to the  manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.Calculation per m2 of installed floor. |

**Is replaced by the following:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B7.1.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Supply and installation of vinyl flooring in classrooms | |
| Floor have protective layer which is antibacterial and antifungicidal. Detail description:  Supply and installation of vinyl flooring with protective layer which is antibacterial and antifungicidal for commercial use, in accordance with main design.  Prior the installation of the vinyl flooring preparation of underlayer must be executed.  The limit values of the unevenness of the finished substrate measured at a distance of 2m - 7 mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  -              total thickness: 2,00 mm according to EN ISO 24346  -              thickness of the the wear layer of pure PVC: ≥ 1,00 mm  according to EN ISO 24340  -              European classification: class 34-43 according to EN ISO 10874  -              fire rating: class Bfl-s1 according to EN 13501-1  -              slip resistance wet: class R10 according to DIN 51130  -              electrical propensity: <2kV according to EN ISO 1815  -              wear resistance: ≤2,0 mm3 according to EN 660.2  -              Wear group: T according to EN 651  -              residential indentation: ≤0,10 mm according to EN ISO 24343-1  -              color fastnesses: ≥6 degree according to EN 20105-B02 A multi-layered flexible PVC floor covering with antibacterial and fungicidal treatment, resistant to acids and easy to maintain, is laid on the base prepared in this way.  Total thickness according to EN ISO 24346:2013 - 2 mm  thickness of the supporting layer of pure PVC according to EN ISO 24340:2013 > 1 mm total weight according to EN ISO 23997:2013 2580 - 2680g/m2 European classification according to EN ISO 10874:2013: 34-43 fire resistance EN 13501-1:2010: Bfl -s1 susceptibility to static electricity EN 1815:2016: < 2 kV anti-slip class according to DIN 51 130 R10 abrasion resistance according to EN 660-2:2003: < 2.0mm3 wear class according to EN 651:2013 group T residual indentation according to EN ISO 24343 -1:2013 < 0.10 mm resistance to furniture wheels according to EN 425:2003 OK  resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed by using by welding and adhesive on previously prepared surface. Color of welding electrode in color of floor.  Design type and color of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance to the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.  Calculation per m2 of installed floor. |

**MODIFICATION NO.3**

**REFURBISHMENT WORKS OF THE SCHOOL FOR SECONDARY AND HIGHER VOCATIONAL EDUCATION "SERGIJE STANIĆ", PODGORICA**

**Original text given under point: Part 2\_Section VI Technical Specification, ITEM B8.1; B19.1:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.1; B19.1** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type A, in classrooms | |
| Description  Supply and installation of vinyl flooring for commercial use, in accordance with main design.Prior the installation of the vinyl flooring preparation of underlayer must be executed.The limit values of the unevenness of the finished substrate measured at a distance of 2m - 7  mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:   * total thickness: 2,00 mm according to EN ISO 24346 * thickness of the wear layer: ≥ 1,00 mm according to EN ISO 24340 * European classification: class 34-43 according to EN ISO 10874 * fire rating: class Bfl-s1 according to EN 13501-1 * slip resistance wet: class R10 according to DIN 51130 * electrical propensity: <2kV according to EN ISO 1815 * wear resistance: ≤2,0 mm3 according to EN 660.2 * Wear group: T according to EN 651 * residential indentation: ≤0,10 mm according to EN ISO 24343-1 * colour fastnesses: ≥6 degree according to EN 20105-B02 * resistant to chemical product according to EN ISO 26987 * total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to * ISO 16000-6   The vinyl flooring is installed by using by welding and adhesive on previously prepared surface.Colour of welding electrode in colour of floor.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor. The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance with the manufacturer’s instructions. Unite price include all works, material, preparation of sublayer. Calculation per m2 of installed floor. |

**Is replaced by the following:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.1;B19.1** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type A, in classrooms | |
| Vinyl floor Type A is heterogenous and have protective layer which is antibacterial and antifungicidal with permanent protective treatment. Detailed description in following:  Supply and installation of heterogenous vinyl flooring for commercial use with protective layer which is antibacterial and antifungicidal with permanent protective treatment, in accordance with main design.  Prior the installation of the vinyl flooring preparation of underlayer must be executed.  The limit values of the unevenness of the finished substrate measured at a distance of 2m - 7 mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 2,00 mm according to EN ISO 24346  - thickness of the calendared bearing layer of pure PVC on the whole surface: ≥ 1,00 mm according to EN ISO 24340  - European classification: class 34-43 according to EN ISO 10874  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - electrical propensity: <2kV according to EN ISO 1815  - wear resistance: ≤2,0 mm3 according to EN 660.2  - Wear group: T according to EN 651  - residential indentation: ≤0,10 mm according to EN ISO 24343-1  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987   * sound insulation according to EN ISO 717-2:2013 – 8 dB   - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed by using by welding and adhesive on previously prepared surface. Colour of welding electrode in colour of floor.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance with the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.  Calculation per m2 of installed floor with MDF |

**Original text given under point: Part 2\_Section VI Technical Specification, ITEM B8.2; B19.2:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.2; B19.2** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type B, in offices | |
| Description  Supply and installation of vinyl flooring for commercial use, in accordance with main design.Prior the installation of the vinyl flooring preparation of underlayer must be executed.The limit values of the unevenness of the finished substrate measured at a distance of 2m - 5  mm, 0.20 m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 4,60 mm according to EN ISO 24346  - thickness of the wear layer: 0,70 mm according to EN ISO 24340  - European classification: class 34-42 according to EN ISO 10874  - tile size: 500x500 mm according to EN 427  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - wear resistance: ≤2,0 mm3 according to EN 660.2  - impact sound insulation: 15 dB according to EN ISO 717-2  - walking noise reduction ≤65 dB  - residential indentation: ≤0,13 mm according to EN ISO 24343-1  - castor chair test (type W) according to EN 425  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to  ISO 16000-6  The vinyl flooring is installed with adhesive.  On perimeter of the room install the MDF skirting boards.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance to the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.Calculation per m2 of installed floor with skirting boards. |

**Is replaced by the following:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.2;B19.2** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type B, in offices | |
| **Items B8.2; B19.2**  Vinyl floor Type B is heterogenous and have protective layer which is antibacterial and antifungicidal with permanent protective treatment. Detailed description in following:  Supply and installation of vinyl flooring for commercial use of heterogenous vinyl flooring for commercial use with protective layer which is antibacterial and antifungicidal with permanent protective treatment, in accordance with main design.  Prior the installation of the vinyl flooring preparation of underlayer must be executed.  The limit values of the unevenness of the finished substrate measured at a distance of 2m - 5 mm, 0.20 m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 4,60 mm according to EN ISO 24346  - thickness of the wear layer: 0,70 mm according to EN ISO 24340, It consists of a 0.70 mm thick transparent wearing layer, a designer film, a calendared layer, and a PVC / I cork layer that provides acoustic properties with impact sound insulation  - European classification: class 34-42 according to EN ISO 10874  - tile size: 500x500 mm according to EN 427  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - wear resistance: ≤2,0 mm3 according to EN 660.2  - impact sound insulation: 15 dB according to EN ISO 717-2  - walking noise reduction ≤65 dB  - residential indentation: ≤0,13 mm according to EN ISO 24343-1  - castor chair test (type W) according to EN 425  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed with adhesive.  On perimeter of the room install the MDF skirting boards which is included in unit price.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance with the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.  Calculation per m2 of installed floor with skirting boards. |

**MODIFICATION NO.4**

**REFURBISHMENT WORKS OF THE SECONDARY VOCATIONAL EDUCATION "VUKADIN VUKADINOVIĆ”, BERANE**

**Original text given under point: Part 2\_Section VI Technical Specification, ITEM B8.1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.1.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type A, in classrooms | |
| Description  Supply and installation of vinyl flooring for commercial use, in accordance with main design.Prior the installation of the vinyl flooring preparation of underlayer must be executed.The limit values of the unevenness of the finished substrate measured at a distance of 2m - 7  mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:   * total thickness: 2,00 mm according to EN ISO 24346 * thickness of the wear layer: ≥ 1,00 mm according to EN ISO 24340 * European classification: class 34-43 according to EN ISO 10874 * fire rating: class Bfl-s1 according to EN 13501-1 * slip resistance wet: class R10 according to DIN 51130 * electrical propensity: <2kV according to EN ISO 1815 * wear resistance: ≤2,0 mm3 according to EN 660.2 * Wear group: T according to EN 651 * residential indentation: ≤0,10 mm according to EN ISO 24343-1 * colour fastnesses: ≥6 degree according to EN 20105-B02 * resistant to chemical product according to EN ISO 26987 * total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO * 16000-6   The vinyl flooring is installed by using by welding and adhesive on previously prepared surface.  Colour of welding electrode in colour of floor.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the  working conditions, application equipment etc. shall all be strictly in accordance to the  manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.Calculation per m2 of installed floor. |

**Is replaced by the following:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.1.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type A, in classrooms | |
| Vinyl floor Type A is heterogenous and have protective layer which is antibacterial and antifungicidal with permanent protective treatment. Detailed description in following:  Supply and installation of heterogenous vinyl flooring for commercial use with protective layer which is antibacterial and antifungicidal with permanent protective treatment, in accordance with main design.  Prior the installation of the vinyl flooring preparation of underlayer must be executed.  The limit values of the unevenness of the finished substrate measured at a distance of 2m - 7 mm, 0,20m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 2,00 mm according to EN ISO 24346  - thickness of the calendared bearing layer of pure PVC on the whole surface: ≥ 1,00 mm according to EN ISO 24340  - European classification: class 34-43 according to EN ISO 10874   * fire rating: class Bfl-s1 according to EN 13501-1   - slip resistance wet: class R10 according to DIN 51130  - electrical propensity: <2kV according to EN ISO 1815  - wear resistance: ≤2,0 mm3 according to EN 660.2  - Wear group: T according to EN 651  - residential indentation: ≤0,10 mm according to EN ISO 24343-1  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987 sound insulation according to EN ISO 717-2:2013 – 8 dB  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed by using by welding and adhesive on previously prepared surface. Colour of welding electrode in colour of floor.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance to the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.  Calculation per m2 of installed floor with MDF |

**Original text given under point: Part 2\_Section VI Technical Specification, ITEM B8.2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.2.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type B, in offices | |
| Description  Supply and installation of vinyl flooring for commercial use, in accordance with main design.Prior the installation of the vinyl flooring preparation of underlayer must be executed.The limit values of the unevenness of the finished substrate measured at a distance of 2m - 5  mm, 0.20 m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 4,60 mm according to EN ISO 24346  - thickness of the wear layer: 0,70 mm according to EN ISO 24340  - European classification: class 34-42 according to EN ISO 10874  - tile size: 500x500 mm according to EN 427  - fire rating: class Bfl-s1 according to EN 13501-1  -slip resistance wet: class R10 according to DIN 51130  - wear resistance: ≤2,0 mm3 according to EN 660.2  - impact sound insulation: 15 dB according to EN ISO 717-2  - walking noise reduction ≤65 dB  - residential indentation: ≤0,13 mm according to EN ISO 24343-1  - castor chair test (type W) according to EN 425  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO  16000-6  The vinyl flooring is installed with adhesive.  On perimeter of the room install the MDF skirting boards.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the  working conditions, application equipment etc. shall all be strictly in accordance to the  manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.Calculation per m2 of installed floor with skirting boards. |

**Is replaced by the following:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | BoQ Item | **B8.2.** | Unit | **m2** | |
| |  |  | | --- | --- | | Unit price definition | Vinyl flooring Type B, in offices | |
| Vinyl floor Type B is heterogenous and have protective layer which is antibacterial and antifungicidal with permanent protective treatment. Detailed description in following:  Supply and installation of vinyl flooring for commercial use of heterogenous vinyl flooring for commercial use with protective layer which is antibacterial and antifungicidal with permanent protective treatment, in accordance with main design.  Prior the installation of the vinyl flooring preparation of underlayer must be executed.  The limit values of the unevenness of the finished substrate measured at a distance of 2m - 5 mm, 0.20 m - 2 mm, and the allowable humidity of the screed is 2%.  Technical characteristics of vinyl flooring:  - total thickness: 4,60 mm according to EN ISO 24346  - thickness of the wear layer: 0,70 mm according to EN ISO 24340 , It consists of a 0.70 mm thick transparent wearing layer, a designer film, a calendared layer and a PVC / I cork layer that provides acoustic properties with impact sound insulation  - European classification: class 34-42 according to EN ISO 10874  - tile size: 500x500 mm according to EN 427  - fire rating: class Bfl-s1 according to EN 13501-1  - slip resistance wet: class R10 according to DIN 51130  - wear resistance: ≤2,0 mm3 according to EN 660.2  - impact sound insulation: 15 dB according to EN ISO 717-2  - walking noise reduction ≤65 dB  - residential indentation: ≤0,13 mm according to EN ISO 24343-1  - castor chair test (type W) according to EN 425  - colour fastnesses: ≥6 degree according to EN 20105-B02  - resistant to chemical product according to EN ISO 26987  - total emissions of harmful substances (TVOC) after 28 days < 10 ųg/m3 according to ISO 16000-6  The vinyl flooring is installed with adhesive.  On perimeter of the room install the MDF skirting boards which is included in unit price.  Design type and colour of flooring and MDF boards shall be chosen by Supervisor.  The material used shall be of high quality and produced by appropriate manufacturer and the working conditions, application equipment etc. shall all be strictly in accordance to the manufacturer’s instructions.  Unite price include all works, material, preparation of sublayer.  Calculation per m2 of installed floor with skirting boards. |

**All other terms and conditions of the Bidding document remain unchanged.**

**The above amendments are integral part of the Bidding document.**