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Jakarta, 26 June 2020

Amendment 3 to ITB

ITB-UNDP-PETRA-92264-002-2020

Procurement of Works: Construction of Health and School Facilities in Lombok

1. Revision is made to **Annex 1 Technical Specification** of the ITB document as follows:

Technical Specification LOT 1 – Construction of Health Facilities	
Initial	**Amended to**
1. Chapter 1, 1.2.6. Occupational Health and Safety (OHS), 1.2.6.1. Protocol Prevention Covid-19 In Construction Project, B. Establishment Preventive Task Force Covid-19, Point 3 – "The Task Force shall have the duties, responsibilities and authorities to conduct: (i) socialization, (ii) education, (iii) promotion of techniques and (iv) the method of prevention of COVID19"	Point 3 – "The Task Force shall have the duties, responsibilities and authorities to conduct: (i) socialization, (ii) education, (iii) promotion of techniques and (iv) the method of prevention of COVID19 (v) examination of potential infected to all persons, whether managers, engineers, architects, employees/staff, foreman, workers and project guests.(vi) identify potential COVID 19 hazards in the site. (vii) Health checks related to the potential for COVID 19 infection of all workers and projet guests monitoring the health conditions of workers and controlling mobilization/demobilization of workers, and (ix) procurement of health facilities in the field.
2. "TECHNICAL SPECIFICATION SOURCE OF MATERIAL" [page 153]	"Additional Cold Storage Specifications in the table point. 18"
3. Chapter XI, ROOF WORKS, 11.1. GENERAL REQUIREMENTS, Point 1. (Page 78)	Chapter XI, ROOF WORKS, 11.1. GENERAL REQUIREMENTS, Point 1. (Page 78)

Technical Specification LOT 1 – Construction of Health Facilities	
Initial	**Amended to**
Requirements for steel construction and engineering terminology in general be a unity in the inside of the book's technical requirements. Unless otherwise specified in this technical book, then all the steel work should refer to the following standards: - Indonesia Steel Building Planning Regulations (PPBBI 1983) - General Requirements of the Indonesian National Standard (SNI 2010) - General Requirements of the Indonesian National Standard (SNI 03-1729-2002)	Requirements for steel construction and engineering terminology in general be a unity in the inside of the book's technical requirements. Unless otherwise specified in this technical book, then all the steel work should refer to the following standards: - Indonesia Steel Building Planning Regulations (PPBBI 1983) - General Requirements of the Indonesian National Standard (SNI 8399 – 2017, Light Steel Profiles Standard) - General Requirements of the Indonesian National Standard (SNI 2010) - General Requirements of the Indonesian National Standard (SNI 03-1729-2002)
4. Chapter XI, ROOF WORKS, 11.3. Materials. 1. Material specifications a) Roof Cover: zincallum sheet t = 0.4 mm with clip-lock system b) S Size: According to the drawing c) Thermal insulation: Aluminum foil foam t = 4 mm d) Purlins: Light Steel G550. e) Easel: Light Steel G 550.	Chapter XI, ROOF WORKS, 11.3. Materials. 1. Material specifications a) Roof Cover: zincallum sheet t = 0.4 mm with clip-lock system b) S Size: According to the drawing c) Thermal insulation: Aluminum foil foam t = 4 mm d) Purlins: Light Steel G550 (Minimum yield strength 550 MPa) e) Easel: Light Steel G 550 (Minimum yield strength 550 MPa)
5. Additional point at Chapter XI, ROOF WORKS, 11.3. Materials. (Page 79)	1. Additional point at Chapter XI, ROOF WORKS, 11.3. Materials. Point 2 (Page 79) "Considering the availability of material, the Contractor hereby is

Technical Specification LOT 1 – Construction of Health Facilities	
Initial	**Amended to**
	permitted to change the shape of the light steel truss and the dimensions of the profile used by previously submitting the calculation of the light steel truss form and the specifications of the mild steel profile which will be used to obtain the agreement of the Supervisor. Changes made MUST NOT change the shape of the building's roof surface profile".

Technical Specification LOT 2 – Construction of School Facilities	
Initial	**Amended to**
1. Chapter 1, 1.2.6. Occupational Health and Safety (OHS), 1.2.6.1. Protocol Prevention Covid-19 In Construction Project, B. Establishment Preventive Task Force Covid-19, Point 3 – "The Task Force shall have the duties, responsibilities and authorities to conduct: (i) socialization, (ii) education, (iii) promotion of techniques and (iv) the method of prevention of COVID19"	Point 3 – "The Task Force shall have the duties, responsibilities and authorities to conduct: (i) socialization, (ii) education, (iii) promotion of techniques and (iv) the method of prevention of COVID19 (v) examination of potential infected to all persons, whether managers, engineers, architects, employees/staff, foreman, workers and project guests.(vi) identify potential COVID 19 hazards in the site. (vii) Health checks related to the potential for COVID 19 infection of all workers and officers come to the project location to monitoring the health conditions of workers and controlling mobilization/demobilization of workers, and (ix) procurement of health facilities in the field.
2. Chapter XI, ROOF WORKS, 11.1. GENERAL REQUIREMENTS, Point 1. (Page 76) Requirements for steel construction and engineering terminology in general be a unity in the inside of the book's technical requirements. Unless otherwise specified in this technical	Chapter XI, ROOF WORKS, 11.1. GENERAL REQUIREMENTS, Point 1. (Page 76) Requirements for steel construction and engineering terminology in general be a unity in the inside of the book's technical requirements. Unless otherwise specified in this technical

Technical Specification LOT 2 – Construction of School Facilities	
Initial	**Amended to**
book, then all the steel work should refer to the following standards: - Indonesia Steel Building Planning Regulations (PPBBI 1983) - General Requirements of the Indonesian National Standard (SNI 2010) - General Requirements of the Indonesian National Standard (SNI 03-1729-2002)	book, then all the steel work should refer to the following standards: - Indonesia Steel Building Planning Regulations (PPBBI 1983) - General Requirements of the Indonesian National Standard (SNI 8399 – 2017, Light Steel Profiles Standard) - General Requirements of the Indonesian National Standard (SNI 2010) - General Requirements of the Indonesian National Standard (SNI 03-1729-2002)
3. Chapter XI, ROOF WORKS, 11.3. Materials. 1. Material specifications a) Roof Cover: zincallum sheet t = 0.4 mm with clip-lock system b) S Size: According to the drawing c) Termal insulation: Aluminium foil foam t = 4 mm d) Purlins: Light Steel G550. Easel: Light Steel G 550.	Chapter XI, ROOF WORKS, 11.3. Materials. 1. Material specifications a) Roof Cover: zincallum sheet t = 0.4 mm with clip-lock system b) S Size: According to the drawing c) Termal insulation: Aluminium foil foam t = 4 mm d) Purlins: Light Steel G550 (Minimum yield strength 550 MPa) e) Easel: Light Steel G 550 (Minimum yield strength 550 MPa)
4. Additional point at Chapter XI, ROOF WORKS, 11.3. Materials. (Page 76)	Additional point at Chapter XI, ROOF WORKS, 11.3. Materials. Point 2 (Page 76) "Considering the availability of material, the Contractor hereby is permitted to change the shape of the light steel truss and the dimensions of the profile used by previously submitting the calculation of the light steel truss form and the specifications of the mild steel profile which will be used to obtain the agreement of the Supervisor. Changes made MUST NOT change the

Technical Specification LOT 2 – Construction of School Facilities	
Initial	**Amended to**
	shape of the building's roof surface profile".

Revised Technical Specifications attached as Annex 1_LOT 1-Technical Specification Revision date 26 June 2020 and Annex 1_LOT 2-Technical Specification Revision date 26 June 2020

2. Revision is made to **Annex 3 Bill of Quantity** of the ITB document as follows:

LOT 1 – Construction of Health Facilities

1) Puskesmas Labuhan

Bill Of Quantity LOT 1 – Construction of Health Facilities		
Initial	**Amended to**	**Rationale**
1. "SEWAGE TREATMENT PLANT" work items, Point VII in BoQ	"SEWAGE TREATMENT PLANT", Point VII in BoQ. Details on STP work items on work sub-items, including: - Structure work; - Equalisasi Tank work; - IPAL Tank holder work; - Reaktor IPAL work; - Cold storage; - Waste water tank work; - Pipe accessories; - Installation of electrical work; - Roof; and - Fence.	- Respond to bidders' question, To make it easier for bidders and prospective contractors to know more detailed volumes of buildings and materials at Sewage Treatment Plant.

LOT 2 – Construction of School Facilities

1) SMKN 1 Gangga

Bill Of Quantity **LOT 2 – Construction of School Facilities**		
Initial	**Amended to**	**Rationale**
1. "ADMINISTRATION BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	- "ADMINISTRATION BUILDING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 20,04 M^3 to 340.56 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
2. "ADMINISTRATION BUILDING, B. Structure works, B.2 Concrete Works, 8. Ramp Disable".	- "ADMINISTRATION BUILDING, A. Structure works, A.2 Concrete Works, 6. Ramp Disable".	- There is inconsistency in unit used to calculate the volume of the sloof (Tie Beam) for ramp. Where the length unit used is MM instead of M as it should. - This inconsistency is affecting the calculations for reinforcement bar weight and formwork area, because the concrete volume is used as basic to calculate those two volumes.
3. "CLASSROOM BUILDING A, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	- "CLASSROOM A BUILDING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 9,.74 M^3 to 116,10 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
		2020.
4. "CLASSROOM BUILDING A, B. Structure works, B.2 Concrete Works, 8. Ramp Disable".	- "CLASSROOM BUILDING A, A. Structure works, A.2 Concrete Works, 6. Ramp Disable".	- Adjustment to design drawings and there is no wiremash.
5. "RPS DESIGN INFORMATION & MODELING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building, 8. Lean Concrete under Foundation and 9. Stone Foundation (Aastamping)".	- "RPS DESIGN INFORMATION & MODELING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building, 7. Lean Concrete under Foundation and 8. Stone Foundation". - B. Architecture Works, 2. Sand Filling, 4. Step at terrace, 9. Specialities works, 11. Floor and wall work volume change in the work item, among others: 1. Soil Filling on building from 15,12 M^3 to 113,52 M^3. 2. Lean Concrete under Foundation from 644,42 M^3 to 13,53 M^3. 3. Stone Foundation from 132,11 M^3 to 46,03 M^3. 4. Sand Filling from 0.00 M^3 to 6,60 M^3. 5. Step at Terrace from 0.00 M^3 to 1,08 M^3. 6. Variation Grille / Louvre from 12.00 M^2 to 61,18 M^2. 7. Ceramic Floor Tile 600 x 600 mm from 12.00 M^2 to 257,40 M^2. 8. Ceramic Wall Tile 250 x 500 mm from 18.97	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020. - There is a difference in concrete work units that must be M^3 to M^2 so that the volume of work is large and the impact on costs is high. - Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	M^2 to 12,09 M^2.	
- "RPS POWER PLAN ENGINEERING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building, 8. Lean Concrete under Foundation and 9. Stone Foundation (Aastamping)". - B. Architecture Works 2. Sand Filling, 8. Specialities works, 10. Floor and wall work	- "RPS POWER PLAN ENGINEERING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building, 7. Lean Concrete under Foundation and 8. Stone Foundation". - B. Architecture Works 2. Sand Filling, 8. Specialities works, 10. Floor and wall work volume change in the work item, among others: 1. Soil Filling on building from 15,12 M^3 to 141,90 M^3. 2. Lean Concrete under Foundation from 644,42 M^3 to 13,53 M^3. 3. Stone Foundation from 132,11 M^3 to 46,03 M^3. 4. Sand Filling from 0,00 M^3 to 6,60 M^3. 5. Variation Grille / Louvre from 12,00 M^2 to 61,36 M^2. 6. Floor hardener from 41,00 M^2 to 209,75 M^2.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020. - There is a difference in the unit of the concrete work, where the volume (measurement) should be in M^3, instead of M^2. - Adjustment to design drawings and technical specification.
- "RPS DESIGN ENGINEERING & BUSINESS OF MOTORCYCLE, A. Structure works, A.1 Soil and Foundation Works, 7. Soil Filling on building, 8. Lean Concrete under Foundation and 9.	- "RPS DESIGN ENGINEERING & BUSINESS OF MOTORCYCLE, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building, 7. Lean Concrete under Foundation and 8.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
Stone Foundation (Aastamping)". - B. Architecture Works 2. Sand Filling, 8. Specialities works, 9. Celling works, 10. Floor and wall work	Stone Foundation". - B. Architecture Works 2. Sand Filling, 8. Specialities works, 9. Celling works, 10. Floor and wall work Volume change in the work item, among others: 1. Soil Filling on building from 14,95 M^3 to 141,90 M^3. 2. Lean Concrete under Foundation from 690,48 M^3 to 13,18 M^3. 3. Stone Foundation from 131,33 M^3 to 45,76 M^3. 4. Sand Filling from 0.00 M^3 to 6,60 M^3. 5. Variation Grille / Louvre from 12.00 M^2 to 61,36 M^2. 6. GRC Ceiling from 60,45 M^2 to 72,45 M^2. 7. Gypsum Ceiling from 99,43 M^2 to 257,40 M^2. 8. Ceramic Floor Tile 600 x 600 mm from 60,45 M^2 to 257,40 M^2. 9. Ceramic Wall Tile 250 x 500 mm from 18,97 M^2 to 12,09 M^2.	done by Local Government in June 2020. - There is a difference in the unit of the concrete work, where the volume (measurement) should be in M^3, instead of M^2. - Adjustment to design drawings and technical specification.
6. "TPS3R, B. Architecture Works, 2. Sand Filling, 7. Door and Window, 8. Ceiling Works, 10. Painting Works.	- "TPS3R B. Architecture Works, 2. Sand Filling, 7. Door and Window, 8. Ceiling Works, 10. Painting Works. Additional work item, among others: 1. Sand Filling from 0.00	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	M^3 to 1,24 M^3. 2. GRC Ceiling from 10,60 M^2 to 95,75 M^2. 3. Ceiling painting from 10,60 M^2 to 95,75 M^2. Change Type door and window work item, among others: 1. Door Frame AD-01 change to Type AD - 04 2. PVC Door Toilet change to Type AD - 05 3. Window AW-01 change to Type AW - 04 4. Grass Block change to Type BV - 01 5. Iron Door 80 x 270 change to Iron Door 80 x 200	damaged buildings done by Local Government in June 2020. - Adjustment to design drawings and technical specification.

2) SMKN 1 Kayangan

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
1. "CLASS A BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"CLASSROOM A, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 4,09 M^3 to 127,71 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
2. Additional	"CLASSROOM A, B. Architectural Works, 2. Light Concrete Under Floor T. 120 mm, c. Sand Filling". Additional work item Aluminium Foil 15 M^3.	- Is a non-structural work with a thickness of 50 mm in the form of compacted sand and serves to prevent the breaking of the floor due to the shrinkage of the bottom soil. - For levelling the burden and ground water is not in direct contact with the basic structural elements of the building.
3. "CLASSROOM A, B. Architectural Works	"CLASSROOM A, B. Architectural Works: - 10. Specialities Works, b. Installation GRC facia accessories". Work volume changes to 122,66 M2. - 11. Celling Works, a. GRC Ceiling + Frame Work volume changes to 129,92 M2 and b. Gypsum Ceiling + Frame volume changes to 212,40 M2. - 12. Floor and Wall Works volume changes to 212,40 M2. - 13. Painting Works, c. Ceiling Painting Works volume changes to 342,32 M^2.	- Adjustments to design drawings and technical specification
4. Additional Work Item: Installation of Aluminum Foil, part of 1. Roof Works	"CLASSROOM A, B. Architectural Works, 1. Roof Works, b. Aluminium Foil". Additional work item Aluminium Foil 572,13 M^2.	- To reflect solar radiation back, so the temperature in the room becomes cooler. - Protect the room from leakage and environmentally friendly. - Protect ceiling from damage due to hot weather.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
5. "CLASS B BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"CLASSROOM B, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 4,77 M^3 to 141,90 M^3.	-
6. Additional Volume	"CLASSROOM B, B. Architectural Works, - 8. Specialities Works, b. Installation GRC facia accessories". Work volume changes to 109,67 M2. - 9. Celling Works, a. GRC Celling + Frame volume changes to 143,40 M2 and Gypsum Celling + Frame volume changes to 277,89 M2. - 11. Celling Works, c. Celling painting works volume changes to 421,29 M^2.	- Adjustments to design drawings and technical specification
7. N/A	"CLASSROOM B, B. Architectural Works, 1. Roof Works, b. Aluminium Foil". Additional work item Aluminium Foil 745,59 M^2.	- Adjustment to design drawings and technical specification.
8. "RPS NAUTICA BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS NAUTICA BUILDING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 4,49 M^3 to 141,90 M^3.	-
9. "LABORATORY BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"LABORATORY BUILDING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 2,29 M^3 to 67,08 M^3.	-
10. "MOSQUE BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"MOSQUE BUILDING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from	-

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	1,58 M^3 to 60,85 M^3.	
11. "THEACHER TOILET, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"THEACHER TOILET, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 1,41 M^3 to 26,02 M^3. - A.2 Concrete works, 5. Concrete flat roof. volumes a. concrete K250 from 6.67 M^3 to 9.36 M^3. b. wiremesh M6-150 (double) from 961.33 M^2 to 78.00 M^2. C. Formwork slab from 58.26 M^2 to 44.00 M^2.	-
12. N/A	"SOLID WASTE TEMPORARY STORAGE (TPS 3R), A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work 13,95 M^3.	- Newly added work items. - Adjustment to design drawings and technical specification.

3) SMKN 1 Pemenang

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
1. "ADMINISTRATION BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"ADMINISTRATION BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 12,70 M^3 to 208,12 M^3. - 7. Lean concrete under foundation". volumes on Lean concrete under foundation work from 12,70 M3 to 15.08 M3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
2. "CLASS D BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"CLASSROOM D BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 7. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 12,20 M3 to 172,00 M3. - 8. Lean concrete under foundation". volumes on Lean concrete under foundation work from 12,20 M3 to 15.57 M3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
3. "CLASS D BUILDING, B. Architectural Works,	"CLASS D BUILDING, B. Architectural Works: - 9.Celling Works, • GRC Celling + Frame volume changes from 80.00 M2 to 168.36 M2 and • b. Gypsum Celling + Frame volume changes from 168.36 M2 to 277.09 M2. - 13. Painting Works, c. Celling painting works changes from 249.25 M2 to 446.25 M2.	- Adjustment to design drawings and technical specification.
4. "CLASS D BUILDING, B. Structure works, B.2 Concrete works, 7. Concrete Flat Roof".	"CLASS D BUILDING, A. Structure works, A.2 Concrete Works, 6. Concrete Flat Roof, b. Wire mesh M6-150 (Double)".	- Installation of wire mash is easier / practical and fast because it does not need to be assembled such as installation of iron which requires a long time and uses less labour. - In terms of cost savings due to reduced use of iron and shorter processing time. - Wire mash is a

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
		collection of iron that is machined or fabricated, so compilation is used as a reinforcement so the distance of the iron is relatively more precise and strength is guaranteed. - The length and width of the wire mash, which is relatively shorter than the length of the iron, is quite easy to send and store at the project site.
5. "CLASS E BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"CLASS E BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 9,14 M3 to 103,20 M3. - 7. Lean concrete under foundation". volumes on Lean concrete under foundation work from 9,14 M3 to 9.46 M3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
6. "CLASSROOM E BUILDING, B. Structure works, B.2 Concrete works, 7. Concrete Flat Roof".	"CLASSROOM E, A. Structure works, A.2 Concrete Works, 6. Concrete Flat Roof, b. Wire mesh M6-150 (Double)".	- Installation of wire mash is easier / practical and fast because it does not need to be assembled such as installation of iron which requires a long time and uses less labour. - In terms of cost savings due to reduced use of iron and shorter processing time. - Wire mash is a

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
		collection of iron that is machined or fabricated, so compilation is used as a reinforcement so the distance of the iron is relatively more precise and strength is guaranteed. - The length and width of the wire mash, which is relatively shorter than the length of the iron, is quite easy to send and store at the project site.
7. "CLASS E BUILDING, B. Architectural Works,	"CLASS E BUILDING, B. Architectural Works, - 10.Celling Works, • a. GRC Celling + Frame volume changes from 44.32 M^2 to 145.20 M^2 and • b. Gypsum Celling + Frame volume changes from 86.69 M^2 to 138.95 M^2. - 13.Floor and wall Works, b. non slip ceramic floor tile 600x600 mm changes from 86.69 M^2 to 60.40 M^2.	- Adjustment to design drawings and technical specification.
8. "RPS TATA BOGA, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS TATA BOGA BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 10,96 M3 to 141,90 M3. - 7. Lean concrete under foundation". volumes on Lean concrete under	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	foundation work from 10.96 M3 to 13.02 M3.	Government in June 2020.
9. "RPS TATA BOGA, B. Architectural Works,	"RPS TATA BOGA, B. Architectural Works: - 9.Celling Works, • a. GRC Celling + Frame volume changes from 60.00 M^2 to 112.20 M^2 - 12. Painting Works, • c. Celling painting works changes from 276.28 M^2 to 376.72 M^2	- Adjustment to design drawings and technical specification.
10. "RPS ONLINE BUSINESS DEVELOPMENT, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building and 9. Stone foundation (Aastamping)".	"RPS ONLINE BUSINESS DEVELOPMENT, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building and 8. Stone foundation (Aastamping)". Volume change in the work item, among others: - 6. Soil Filling on building from 20,68 M3 to 141,90 M3. - 7. Lean concrete under foundation". volumes on Lean concrete under foundation work from 20.68 M3 to 13.02 M3. - 8. Stone Foundation from 270,40 M^3 to 69,32 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
11. "RPS ONLINE BUSINESS DEVELOPMENT, B. Architectural Works,	"RPS ONLINE BUSINESS DEVELOPMENT, B. Architectural Works, - 10.Celling Works, a. GRC Celling + Frame volume changes from 60.00 M^2 to 112.20 M^2 and b. Gypsum Celling + Frame volume changes from 156.00 M^2 to 264.52 M^2.	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 11. Floor and wall Works, a. ceramic floor tile 600x600 mm volume changes from 156.00 M^2 to 264.52 M^2 and • b. non slip ceramic floor tile 600x600 mm changes from 116.00 M^2 to 65.57 M^2. • d. Ceramic floor tile 250x250 mm volume changes from 60.00 M^2 to 2.70 $M^{2.}$ • e. Ceramic Wall Tile 250x500 mm volume changes from 60.00 M^2 to 12.09 $M^{2.}$. • 12. Painting Works, c. Celling painting works changes from 216.96 M^2 to 376.72 M^2	
12. "RPS TOURISM, B. Structure works, B.1 Soil and Foundation Works, 9. Stone foundation (Aastamping)".	"RPS TOURISM, A. Structure works, A.1 Soil and Foundation Works, 8. Stone foundation (Aastamping)". Volume change in the work item, among others: - 6. Soil Filling on building from 20,68 M3 to 141,90 M3. - 7. Lean concrete under foundation". volumes on Lean concrete under foundation work from 20.68 M3 to 13.02 M3. - 8. Stone Foundation from 270,40 M^3 to 69,32 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
13. "RPS TOURISM, B. Architectural Works,	"RPS TOURISM, B. Architectural Works: - 8. Specialities Works, a. variation grill/louvre". Work volume changes from 8.00 M^2 to 40.63 M^2.	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 9.Celling Works, a. GRC Celling + Frame volume changes from 60.00 M^2 to 112.20 M^2 and gypsum Celling + Frame volume changes from 156.00 M^2 to 264.52 M^2. - 11. Painting Works, c. Celling painting works changes from 216.96 M^2 to 376.72 M^2	
14. "RPS HOSPITALITY, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS HOSPITALITY BUILDING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building 7. Lean concrete under foundation". Volume change in the work item, among others: - 6.Soil Filling on building from 14.93 M^3 to 141,90 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 14.93 M^3 to 13.35 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
15. "RPS HOSPITALITY, B. Architectural Works,	"RPS HOSPITALITY, B. Architectural Works, - 12. Painting Works, c. Celling painting works changes from 160.26 M^2 to 379.50 M^2	- Adjustment to design drawings and technical specification.
16. "MUSHOLLA BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"MUSHOLLA BUILDING, A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 5,19 M^3 to 56,44 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
		damaged buildings done by Local Government in June 2020.
17. "MUSHOLLA BUILDING, B. Architectural Works,	"MUSHOLLA BUILDING, B. Architectural Works, - 7. Door and windows frame Works, • a. type AD-01' changes from 2.00 unit to 3.00 unit • b. type AW-01' changes from 3.00 unit to 6.00 unit - 8. Specialities Works, a. variation grill/louvre". Work volume changes from 8.00 M^2 to 77.48 M^2. - 11. Floor and wall Works, • d. Ceramic Wall Tile 250x500 mm volume changes from 60.00 M^2 to 12.09 $M^{2.}$	- Adjustment to design drawings and technical specification.
18. "LABORATORY BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"LABORATORY BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 3,56 M3 to 56,76 M3. - 7. Lean concrete under foundation". volumes on Lean concrete under foundation work from 3,56 M3 to 5.47 M3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
19. "LABORATORY BUILDING, B. Architectural Works,	"LABORATORY BUILDING, B. Architectural Works, - 8. Specialities Works, a. variation grill/louvre". Work volume changes from 8.00 M^2 to 44.84 M^2.	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
20. "LIBRARY AND LABORATORY BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"LIBRARY AND LABORATORY BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 3,56 M3 to 113,52 M3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 32.19 M3 to 10.55 M3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
21. Additional	"SOLID WASTE TEMPORARY STORAGE (TPS 3R), A. Structure works, A.1 Soil and Foundation Works, 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 3,56 M^3 to 24,70 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.

4) SMKN 1 Tanjung

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
1. "ADMINISTRATION BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"PRINCIPAL BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 11,72 M3 to 175,01 M3. - 7. Lean concrete under foundation". volumes on Lean concrete under foundation work from	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	11.72 M3 to 15.69 M3.	2020.
2. "ADMINISTRATION BUILDING, B. Architectural Works,	"ADMINISTRATION BUILDING, B. Architectural Works, - 7. Door and windows frame Works, • d. type BV-01' additional work item to 1.00 unit - 9.Celling Works, a. GRC Celling + Frame volume changes from 74.14 M2 to 161.46 M2 - 11. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 71.29 M2 to 74.00 M2. • e. Ceramic tile for wall base 100 x 600 mm changes from 6.32 M2 to 154.20 M1. - 12. Painting Works, c. Celling painting works changes from 394.90 M2 to 482.29 M2	- Adjustment to design drawings and technical specification.
3. "CLASS A BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"CLASSROOM A, A. Structure works, A.1 Soil and Foundation Works: - 6.Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 11,25 M3 to 112,83 M3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 11,25 M^3 to 13.51 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
4. "CLASSROOM A BUILDING, B. Architectural Works,	"CLASSROOM A BUILDING, B. Architectural Works,	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 1. Roof Works, • b. Alumunium Foil". Additional work item Alumunium Foil 539.62 M^3. • e. Roof Facia (GRC) changes from 58.40 M^2 to 74.08 M^2 - 10. Specialities Works, • a. variation grill/louvre". Work additional work item volumes 40.56 M^2. • e. Installation (GRC) Facia accessories changes from 143.34 M^2 to 122.66 M^2 - 9.Celling Works, • a. GRC Celling + Frame volume changes from 105.54 M^2 to 208.42 M^2 and • b. Gypsum Celling + Frame volume changes from 208.42 M^2 to 212.40 M^2. - 12. Floor and wall Works, • b. ceramic floor tile 600x600 mm changes from 208.42 M^2 to 212.40 M^2. - 13. Painting Works, c. Celling painting works changes from 313.96 M^2 to 420.82 M^2	
5. "CLASS B BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"CLASSROOM B, A. Structure works, A.1 Soil and Foundation Works: - 6.Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 14,63 M^3 to 230,39 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 14,63 M^3 to 20.43 M^3.	work of existing damaged buildings done by Local Government in June 2020.
6. CLASSROOM B BUILDING, B. Architectural Works,	CLASSROOM B BUILDING, B. Architectural Works, - 1. Roof Works, • b. Alumunium Foil". Additional work item Alumunium Foil 979.71 M^3. - 10. Specialities Works, • a. variation grill/louvre". Work changes from 51.45 M^2 to 40.60 M^2 • e. Installation (GRC) Facia accessories changes from 112.57 M^2 to 160.08 M^2 - 11. Celling Works, • a. GRC Celling + Frame volume changes from 144.80 M^2 to 301.44 M^2 and • b. Gypsum Celling + Frame volume changes from 301.44 M^2 to 378.00 M^2. - 12. Floor and wall Works, • a. ceramic floor tile 600x600 mm Additional work item to 378.00 M2. • b. non slip ceramic floor tile 600x600 mm changes from 107.15 M2 to 111.95 M2. • b. ceramic floor tile 250 x 250 mm changes from 37.65 M^2 to 46.20 M^2. - 13. Painting Works, c. Celling painting works	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	changes from 446.24 M^2 to 679.44 M^2	
7. "CLASS D BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"CLASSROOM D, A. Structure works, A.1 Soil and Foundation Works, - 6.Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 9,28 M3 to 77,40 M3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 9,28 M3 to 7.55 M3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
8. CLASSROOM D BUILDING B. Architectural Works,	CLASSROOM D BUILDING B. Architectural Works, - 8. Specialities Works, • a. variation grill/louvre". Work changes from 51.45 M2 to 40.78 M2 • e. Installation (GRC) Facia accessories changes from 68.77 M^2 to 85.22 M^2 - 9. Celling Works, • a. GRC Celling + Frame volume changes from 21.64 M^2 to 75.25 M^2 - 10. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 21.64 M^2 to 34.65 M^2.	- Adjustment to design drawings and technical specification.
9. "RPS TATA BOGA BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS TATA BOGA BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6.Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 13,10 M^3 to 141,90 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 13,10 M^3 to 13.02 M^3.	work of existing damaged buildings done by Local Government in June 2020.
10. "RPS TATA BOGA BUILDING, B. Architectural Works,	"RPS TATA BOGA BUILDING, B. Architectural Works, - 9. Specialities Works, • b. Installation (GRC) Facia accessories changes from 52.47 M^2 to 92.59 M^2 - 10. Celling Works, • a. GRC Celling + Frame volume changes from 60.67 M^2 to 114.38 M^2 - 11. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 55.51 M^2 to 57.75 M^2. - 12. Painting Works, c. Celling painting works changes from 319.39 M^2 to 372.97 M^2	- Adjustment to design drawings and technical specification.
11. "RPS BUSINESS AND MOTORCYCLES BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS BUSINESS AND MOTORCYCLES BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6.Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 14,76 M^3 to 141,90 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 14,76 M^3 to 13.18 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
12. "RPS BUSINESS AND MOTORCYCLES BUILDING B.	"RPS BUSINESS AND MOTORCYCLES BUILDING B. Architectural Works,	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
Architectural Works,	- 9. Specialities Works, • b. Installation (GRC) Facia accessories changes from 52.47 M^2 to 92.59 M^2 - 10. Celling Works, • a. GRC Celling + Frame volume changes from 60.74 M^2 to 114.38 M^2 - 11. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 55.61 M^2 to 57.75 M^2. - 12. Painting Works, c. Celling painting works changes from 123.20 M^2 to 370.31 M^2	
13. "RPS COMMUNICATION DESIGN BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS COMMUNICATION DESIGN BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6.Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 13,43 M^3 to 141,90 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 13,43 M^3 to 13.35 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
14. "RPS COMMUNICATION DESIGN BUILDING, B. Architectural Works,	"RPS COMMUNICATION DESIGN BUILDING, B. Architectural Works, - 1. Roof Works, • b. Aluminium Foil". Additional work item Aluminium Foil 692.51 M^3.	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 9. Specialities Works, • b. Installation (GRC) Facia accessories changes from 52.47 M^2 to 92.59 M^2 - 11. Celling Works, • a. GRC Celling + Frame volume changes from 60.83 M^2 to 114.38 M2 and • b. Gypsum Celling + Frame volume changes from 241.07 M^2 to 255.94 M^2. - 12. Floor and wall Works, • b. ceramic floor tile 600x600 mm changes from 241.07 M^2 to 255.94 M^2. - 13. Painting Works, c. Celling painting works changes from 301.89 M^2 to 370.31 M^2	
15. "RPS SOLAR AND WIND ENERGY BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS SOLAR AND WIND ENERGY BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 13,71 M^3 to 141,90 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 13,71 M^3 to 13.18 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
16. "RPS SOLAR AND WIND ENERGY BUILDING, B. Architectural Works,	"RPS SOLAR AND WIND ENERGY BUILDING, B. Architectural Works, - 9. Specialities Works, • b. Installation (GRC)	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	Facia accessories changes from 52.45 M^2 to 92.59 M^2 - 10. Celling Works, • a. GRC Celling + Frame volume changes from 60.45 M^2 to 114.38 M^2 - 12. Floor and wall Works, • d. ceramic wall tile 250x500 mm changes from 5.89 M^2 to 12.09 M^2. - 13. Painting Works, • c. Celling painting works changes from 317.85 M^2 to 371.78 M^2	
17. "RPS HOSPITALITY BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"RPS HOSPITALITY BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 14,93 M^3 to 141,90 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 14,93 M^3 to 13.35 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
18. RPS HOSPITALITY BUILDING, B. Architectural Works,	RPS HOSPITALITY BUILDING, B. Architectural Works, - 9. Specialities Works, • b. Installation (GRC) Facia accessories changes from 52.47 M^2 to 92.59 M^2 - 10. Celling Works, • a. GRC Celling + Frame volume changes from 60.84 M^2 to 114.38 M^2	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 11. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 254.75 M^2 to 57.75 M^2. - 13. Painting Works, • c. Celling painting works changes from 317.58 M^2 to 268.99 M^2	
19. "LABORATORY BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"LABORATORY BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 4,16 M^3 to 56,76 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 4,16 M^3 to 11.33M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
20. "LABORATORY BUILDING B. Architectural Works,	"LABORATORY BUILDING B. Architectural Works, - 9. Specialities Works, • b. Installation (GRC) Facia accessories changes from 66.76 M^2 to 92.59 M^2 - 10. Celling Works, • a. GRC Celling + Frame volume changes from 23.39 M^2 to 62.88 M^2 - 11. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 104.87 M^2 to 23.39 M^2.	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	- 13. Painting Works, • c. Celling painting works changes from 92.59 M^2 to 167.75 M^2	
21. "LIBRARY AND LABORATORY BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"LIBRARY AND LABORATORY BUILDING, A. Structure works, A.1 Soil and Foundation Works: - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 7,59 M^3 to 113,52 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 7,59 M^3 to 10.55 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
22. "LIBRARY AND LABORATORY BUILDING, B. Architectural Works,	"LIBRARY AND LABORATORY BUILDING, B. Architectural Works, - 9. Specialities Works, • b. Installation (GRC) Facia accessories changes from 84.82 M^2 to 92.59 M^2 - 10. Celling Works, • a. GRC Celling + Frame volume changes from 46.49 M^2 to 124.20 M^2 - 11. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 206.75 M^2 to 46.49 M^2. - 12. Painting Works, • c. Celling painting works changes from 256.23 M^2 to 333.95 M^2	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
23. "STORAGE BUILDING, B. Structure works, B.1 Soil and Foundation Works, 7. Soil Filling on building".	"STORAGE BUILDING, A. Structure works, A.1 Soil and Foundation Works, - 6. Soil Filling on building". Additional of excavated volumes on Soil Filling on building work from 2,26 M^3 to 27,52 M^3. - 7.Lean concrete under foundation". volumes on Lean concrete under foundation work from 2,26 M^3 to 3.37 M^3.	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb 2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.
24. "STORAGE BUILDING, BUILDING, B. Architectural Works,	"STORAGE BUILDING, BUILDING, B. Architectural Works, - 9. Specialities Works, • b. Installation (GRC) Facia accessories changes from 57.16 M^2 to 85.08 M^2 - 10. Celling Works, • a. GRC Celling + Frame volume changes from 15.69 M^2 to 32.89 M^2 - 11. Floor and wall Works, • b. non slip ceramic floor tile 600x600 mm changes from 61.62 M^2 to 15.69 M^2. - 12. Painting Works, • c. Celling painting works changes from 77.31 M^2 to 94.51 M^2	- Adjustment to design drawings and technical specification.
25. "SOLID WASTE TEMPORARY STORAGE (TPS 3R), B. Architectural Works,	"SOLID WASTE TEMPORARY STORAGE (TPS 3R), B. Architectural Works, - 8. Door and windows frame Works, • a. type AD-04 additional work item to 1.00 unit • b. type AD-05	- Adjustment to design drawings and technical specification.

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	additional work item to 1.00 unit • c. type AW-04 Additional work item to 1.00 unit • d. type BV-01 Additional work item to 2.00 unit • e. iron door Additional work item to 1.00 unit - 9. Celling Works, • a. GRC Celling + Frame volume changes from 12.00 M^2 to 105.00 M^2 - 10. Floor and wall Works: • a. ceramic floor tile 600x600 mm volume changes from 156.00 M^2 to 264.52 M^2. • b. non slip ceramic floor tile 600x600 mm changes from 12.00 M^2 to 9.75 M^2. • b. Ceramic floor tile 200x200 mm additional work item to 3.21 $M^{2.}$ • c. Ceramic Wall Tile 200x300 mm additional work item to 9.92 $M^{2.}$ • b. ceramic wall tile 200x250 mm work is taken out • e. trassram work is taken out - 11. Painting Works, • c. Celling painting works changes from 12.00 M^2 to 105.00 M^2	
26. Additional	"SOLID WASTE TEMPORARY STORAGE (TPS 3R), A. Structure works, A.1 Soil and Foundation Works, 7. Soil Filling on building".	- Increased volume of Soil Filling is due to changes in volume of fill layer resulted from survey in Jan - Feb

Bill Of Quantity LOT 2 – Construction of School Facilities		
Initial	**Amended to**	**Rationale**
	Additional of excavated volumes on Soil Filling on building work from 13,43 M^3 to 19,04 M^3.	2020, compared with recent re-estimation following demolition work of existing damaged buildings done by Local Government in June 2020.

Revised Bill of Quantities (BoQ) attached as Annex 3_LOT 1 BOQ Revision date 26 June 2020 and Annex 3_LOT 2 BOQ Revision date 26 June 2020

3. Revision is made to **Annex 7 – Section 6 - FORM F - Price Schedule** of the ITB document.

Please refer to ***Annex 7-Section 6-Form F-Price Schedule LOT 1 Revision date 26 June 2020*** and ***Annex 7-Section 6-Form F-Price Schedule LOT 2 Revision date 26 June 2020.***