

Office of The Project Director

"Installation of 3rd Submarine Cable for expansion of International Telecommunications System of Bangladesh" Project.

No. 14.34.0000.700.14.040.22. ৭০১

Date: 1st June, 2023

To
Concern Bidders

1st Corrigendum Notice

Subject: Amendment of some Clauses of the Specification of the bidding document for the work "Supply, Installation, Testing and Commissioning of Associative Equipment and Infrastructure for SMW6 Data Center at Cox's Bazar Submarine Cable Landing Station on Turnkey Basis".

Tender Invitation Ref. No.: 14.34.0000.700.14.040.22.01

With reference to the above mentioned subject, It is notified to all concerned some amendments are hereby made in the bidding document for the work "Supply, Installation, Testing and Commissioning of Associative Equipment and Infrastructure for SMW6 Data Center at Cox's Bazar Submarine Cable Landing Station on Turnkey Basis" are attached herewith. Bidders are requested to follow the attached amendments for related clause. The said amendment will be an integral part of the tender document. All other terms & conditions as laid down in the bidding document will remain unchanged.

Attachment: 11 (Eleven) pages.

Thanking You.


(Mirza Kamal Ahmed)

Project Director

"Installation of 3rd Submarine Cable Project".

Phone: 02226603300

E-mail: pd_smw6@bsccl.com

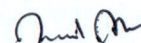
Copy To:

1. PA to MD, BSCCL.
2. Office Copy.

Amendment to the Bidding Document for the work titled, **“Supply, Installation, Testing and Commissioning of Associative Equipment and Infrastructure for SMW6 Data Center at Cox’s Bazar Submarine Cable Landing Station on Turnkey Basis”**

Sl. No.	Document Reference	Page Number	Clause Number	Item Name	Existing Clause	Modified Clause
1	Bidding Document	125	Form PG5A-3 Sl. No. 10	Price Schedule for Plant and Service	-	“The Tenderer shall make the country of origin declarations, to establish the eligibility of the Plant and Services as specified under each item in Section 6.2 Specification” shall be added as Sl. No. 10 under sub-section “Pricing” in Form PG5A-3 titled “Price Schedule for Plant and Service”.
2	Bidding Document	39	TDS referring to ITT Clause 24.2(r)(ii)	Tender Preparation	Clause by clause compliance schedule as stated in Section-6: Employer’s requirement (clause no-6.2.18.6). Tenderer has to provide compliance to all the clauses of the tender document and provide proper reference of their proposal (Document/Volume name, section number, and page number etc. to find out easily during evaluation).	Clause by clause compliance schedule as stated in Section-6: Employer’s requirement (Clause 6.4.5). Tenderer has to provide compliance to all the clauses of the tender document and provide proper reference of their proposal (Document/Volume name, section number, and page number etc. to find out easily during evaluation).
3	Bidding Document	40	TDS referring to ITT Clause 28.1(b)	Tender Preparation	Spare parts are: not required However, period of time the Equipment are expected to be functioning (for the purpose of spare parts): 07 (seven) years after warranty period. The price of the spare shall be as per the Future Order Formula that would be submitted by the tenderer as per	Spare parts are: not required.

					requirement of clause 6.5.4 of Section 6: Employers Requirement.	
4	Bidding Document	196	6.3	Heading of Form of Completion Certificate	6.3 Form of Completion Certificate	6.5 Form of Completion Certificate
5	Bidding Document	v	-	Table of Contents	6.3 Form of Completion Certificate	6.3 Other Services, 6.4 Additional Terms and Conditions with Explanation, 6.5 Form of Completion Certificate
6	Bidding Document	155	-	Table of Contents	6.3 Form of Completion Certificate	6.3 Other Services, 6.4 Additional Terms and Conditions with Explanation, 6.5 Form of Completion Certificate
7	Bidding Document	197	6.4	Heading of Form of Operational Acceptance Certificate	6.4 Form of Operational Acceptance Certificate	6.6 Form of Operational Acceptance Certificate
8	Bidding Document	v	-	Table of Contents	6.4 Form of Operational Acceptance Certificate	6.6 Form of Operational Acceptance Certificate
9	Bidding Document	155	-	Table of Contents	6.4 Form of Operational Acceptance Certificate	6.6 Form of Operational Acceptance Certificate
10	Bidding Document	198	6.5	Heading of Form of Change Order Procedure and Forms	6.5 Form of Change Order Procedure and Forms	6.7 Form of Change Order Procedure and Forms
11	Bidding Document	v	-	Table of Contents	6.5 Form of Change Order Procedure and Forms	6.7 Form of Change Order Procedure and Forms, 6.8 Supplementary Information
12	Bidding Document	155	-	Table of Contents	6.5 Form of Change Order Procedure and Forms	6.7 Form of Change Order Procedure and Forms

13	Bidding Document	208	6.6	Supplementary Information	6.6 Supplementary Information	6.8 Supplementary Information
14	Bidding Document	155	-	Table of Contents	6.6 Supplementary Information	6.8 Supplementary Information
15	Bidding Document	181	6.2 Specifications 3.1.1	Precision Air Condition Indoor Unit	Brand: Vertiv/Unifilar/Stulz or equivalent	Brand: Vertiv/Uniflair/Stulz or equivalent
16	Bidding Document	38	TDS referring to ITT 14.1(b)	C. Qualification Criteria	<p>The minimum specific experience as a Contractor or Subcontractor or Management Contractor similar to the proposed plant and services in at least 02 (two) contracts of similar nature, complexity and methods/construction technology successfully completed within the last 07 (seven) years, each with a value of at least Tk 3.5 Crore (three crore and fifty lac).</p> <p>[Similar nature and complexity mean supply and installation goods and equipment (Precision Air-Conditioner, Automatic Fire Suppression System, accessories for Data Center, etc.)]</p> <p>[Work completion certificates with stated project cost must be submitted along with tender document. If case of Work Completion Certificate without project cost, the Work Completion</p>	<p>The minimum specific experience as a Contractor or Subcontractor or Management Contractor similar to the proposed plant and services in at least 01 (one) contracts of similar nature, complexity and methods/construction technology successfully completed within the last 07 (seven) years with a value of at least Tk 3.5 Crore (three crore and fifty lac).</p> <p>[Similar nature and complexity mean supply and installation goods and equipment (Precision Air-Conditioner, Automatic Fire Suppression System, accessories for Data Center, etc.)]</p> <p>[Work completion certificates with stated project cost must be submitted along with tender document. If case of Work Completion Certificate without project cost, the Work Completion</p>

					Certificate(s) must be accompanied by the copy of the Work order(s)]	Certificate(s) must be accompanied by the copy of the Work order(s)]
17	Bidding Document	175	6.2 Specifications 2.1.1	Main DB Box: Features	Supply, Installation, testing & commissioning of following Distribution Boards of components from ABB (Italy)/Eaton (EU)/Schneider (France)/Siemens (Germany) having ISO9001 certificate housing the following rated MCB/MCCB & bus bars and all other accessories as per drawing, specifications and direction of the Project Manager. Sheet steel enclosed powder coated (16 SWG), dust & vermin proof, free standing, floor mounting 415V, 50 Hz, indoor type Distribution Board complete with hard drawn electrolytic copper bus bars of adequate rating, TPN & E and equipped with below components	Supply, Installation, testing & commissioning of following Distribution Boards of components from ABB (Italy)/Eaton (EU)/Schneider (France)/Siemens (Germany) having ISO9001/IEC 61439-1 & 2 certificate housing the following rated MCB/MCCB & bus bars and all other accessories as per drawing, specifications and direction of the Project Manager. Sheet steel enclosed powder coated (16 SWG), dust & vermin proof, free standing, floor mounting 415V, 50 Hz, indoor type Distribution Board complete with hard drawn electrolytic copper bus bars of adequate rating, TPN & E and equipped with below components
18	Bidding Document	175	6.2 Specifications 2.1.1	Main DB Box: Incoming	2 No. 1000A, 50kA, TP fully automatic fixed type ACB with Interlocking System and stored-energy motor charged operating mechanism having special features:	2 No. 350A, 35kA, TP fixed type MCCB with Interlocking system having special features:
19	Bidding Document				i) Microprocessor controlled adjustable thermal overload, adjustable electromagnetic short circuit releases.	i) Adjustable thermal overload, adjustable electromagnetic short circuit releases.
20	Bidding Document				ii) Electronic trip unit with DIP Switch setting PR121/P which has operation without the need for an external power supply	ii) Electronic trip unit with DIP Switch

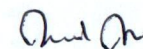
21	Bidding Document	176	6.2 Specifications 2.1.1	Main DB Box: Outgoing	1 No. 800A, 50kA, TP fully automatic fixed type MCCB with stored-energy motor charged operating mechanism having special features:	2 No. 300A, 25kA, TP fixed type MCCB having special features:
22	Bidding Document				2 No. 100A, 25kA, TP fully automatic fixed type MCCB with stored-energy motor charged operating mechanism having special features:	2 No. 100A, 20kA, TP fixed type MCCB having special features:
23	Bidding Document				i) Microprocessor controlled adjustable thermal overload, adjustable electromagnetic short circuit releases.	i) Adjustable thermal overload, adjustable electromagnetic short circuit releases.
24	Bidding Document				ii) Electronic trip unit with DIP Switch setting PR121/P which has operation without the need for an external power supply	ii) Electronic trip unit with DIP Switch
25	Bidding Document				1 No 63 A, 35 KA, TP MCCB with for SPD	1 No 63 A, 15 KA, TP MCCB with for SPD
26	Bidding Document	176	6.2 Specifications 2.1.2	Air Condition (AC) DB Box: Features	Supply, Installation, testing & commissioning of following Distribution Boards of components from ABB (Italy)/Eaton (EU)/Schneider (France)/Siemens (Germany) having ISO9001 certificate housing the following rated MCB/MCCB & bus bars and all other accessories as per drawing, specifications and direction of the Project Manager. Sheet steel enclosed powder coated (16 SWG), dust & vermin proof, free standing, floor mounting 415V, 50 Hz, indoor type Distribution Board complete with hard drawn electrolytic copper	Supply, Installation, testing & commissioning of following Distribution Boards of components from ABB (Italy)/Eaton (EU)/Schneider (France)/Siemens (Germany) having ISO9001/IEC 61439-1 & 2 certificate housing the following rated MCB/MCCB & bus bars and all other accessories as per drawing, specifications and direction of the Project Manager. Sheet steel enclosed powder coated (16 SWG), dust & vermin proof, free standing, floor mounting 415V, 50 Hz, indoor type Distribution Board complete with hard drawn electrolytic copper

					bus bars of adequate rating, TPN & E and equipped with below components	bus bars of adequate rating, TPN & E and equipped with below components
27	Bidding Document	176	6.2 Specifications 2.1.2	Air Condition (AC) DB Box: Incoming	1 No. 800A, 50kA, TP fully automatic fixed type MCCB with stored-energy motor charged operating mechanism having special features:	1 No. 300A, 25kA, TP fixed type MCCB having special features:
28	Bidding Document				i) Microprocessor controlled adjustable thermal overload, adjustable electromagnetic short circuit releases.	i) Adjustable thermal overload, adjustable electromagnetic short circuit releases.
29	Bidding Document				ii) Electronic trip unit with DIP Switch setting PR121/P which has operation without the need for an external power supply	ii) Electronic trip unit with DIP Switch
30	Bidding Document	177	6.2 Specifications 2.1.2	Air Condition (AC) DB Box: Outgoing	4 No. 100A, 25kA, TP fully automatic fixed type MCCB with stored-energy motor charged operating mechanism having special features:	6 No. 63A, 15kA, TP fixed type MCCB having special features:
31	Bidding Document				3 No. 63A, 15kA, TP fully automatic fixed type MCCB with stored-energy motor charged operating mechanism having special features:	3 No. 32A, 15kA, TP fixed type MCB having special features:
32	Bidding Document				i) Microprocessor controlled adjustable thermal overload, adjustable electromagnetic short circuit releases.	i) Adjustable thermal overload, adjustable electromagnetic short circuit releases.
33	Bidding Document				ii) Electronic trip unit with DIP Switch setting PR121/P which has operation without the need for an external power supply	ii) Electronic trip unit with DIP Switch
34	Bidding Document				1 No 40 A, 15 kA, TP MCCB for SPD	1 No 63 A, 15 KA, TP MCCB with for SPD

35	Bidding Document	177	6.2 Specifications 2.1.3	Light DB Box: Features	Supply, Installation, testing & commissioning of following Distribution Boards of components from ABB (Italy)/Eaton (EU)/Schneider (France)/Siemens (Germany) having ISO9001 certificate housing the following rated MCB/MCCB & bus bars and all other accessories as per drawing, specifications and direction of the Engineer-in-charge. Sheet steel enclosed powder coated (16SWG), dust & vermin proof, free standing, floor mounting 415V, 50 Hz, indoor type Distribution Board complete with hard drawn electrolytic copper bus bars of adequate rating, TPN & E and equipped with below components	Supply, Installation, testing & commissioning of following Distribution Boards of components from ABB (Italy)/Eaton (EU)/Schneider (France)/Siemens (Germany) having ISO9001/IEC 61439-1 & 2 certificate housing the following rated MCB/MCCB & bus bars and all other accessories as per drawing, specifications and direction of the Engineer-in-charge. Sheet steel enclosed powder coated (16SWG), dust & vermin proof, free standing, floor mounting 415V, 50 Hz, indoor type Distribution Board complete with hard drawn electrolytic copper bus bars of adequate rating, TPN & E and equipped with below components
36	Bidding Document	177	6.2 Specifications 2.1.3	Light DB Box: Incoming	1 No. 100A, 50KA, TP fully automatic fixed type MCCB with stored-energy motor charged operating mechanism having special features:	1 No. 100A, 20kA, TP fixed type MCCB having special features:
37	Bidding Document				i) Microprocessor controlled adjustable thermal overload, adjustable electromagnetic short circuit releases.	i) Adjustable thermal overload, adjustable electromagnetic short circuit releases.
38	Bidding Document				ii) Electronic trip unit with DIP Switch setting PR121/P which has operation without the need for an external power supply	ii) Electronic trip unit with DIP Switch
39	Bidding Document	177		Light DB Box: Outgoing	2 No. 50A, 15kA, TP fully automatic fixed type MCCB with stored-energy	5 No 20 A, 6kA, SP MCB for Power Socket having special features:

					motor charged operating mechanism having special features:	
40	Bidding Document				2 No. 32A, 10kA, TP fully automatic fixed type MCCB with stored-energy motor charged operating mechanism having special features:	10 No 10 A, 6kA, TP MCB for Switch/Light having special features:
41	Bidding Document		6.2 Specifications 2.1.3		i) Microprocessor controlled adjustable thermal overload, adjustable electromagnetic short circuit releases.	i) Adjustable thermal overload, adjustable electromagnetic short circuit releases.
42	Bidding Document				ii) Electronic trip unit with DIP Switch setting PR121/P which has operation without the need for an external power supply	ii) Electronic trip unit with DIP Switch
43	Bidding Document	178			5 No 20 A, 6kA, TP MCB with for Switch/ Socket	Omitted
44	Bidding Document				5 No 10 A, 6kA, TP MCB with for Others Load	Omitted
45	Bidding Document	184	6.2 Specification 3.1.1	Precision Air Condition Indoor Unit	Microprocessor control system The microprocessor control manages unit operation. The UG50 controller consists of the following components:	Microprocessor control system The microprocessor control manages unit operation. The controller consists of the following components
46	Bidding Document	97	PCC referring to GCC 22.3	Section 4. Particular Conditions of Contract	The Contractor agrees to supply spare parts for a period of 07 (seven) years after warranty period The Contractor shall carry sufficient inventories to ensure an ex-stock supply of consumable spares for the Plant. Other spare parts and components shall be supplied as promptly as possible, but at the most within six (6) months of placing the order and opening the letter of	The Contractor agrees to supply spare parts for a period of 05 (five) years after warranty period The Contractor shall carry sufficient inventories to ensure an ex-stock supply of consumable spares for the Plant. Other spare parts and components shall be supplied as promptly as possible, but at the most within six (6) months of placing the order and opening the letter of

					credit. In addition, in the event of termination of the production of spare parts, advance notification will be made to the Employer of the pending termination, with sufficient time to permit the Employer to procure the needed requirement. Following such termination, the Contractor will furnish to the extent possible and at no cost to the Employer the blueprints, drawings and specifications of the spare parts, if requested.	credit. In addition, in the event of termination of the production of spare parts, advance notification will be made to the Employer of the pending termination, with sufficient time to permit the Employer to procure the needed requirement. Following such termination, the Contractor will furnish to the extent possible and at no cost to the Employer the blueprints, drawings and specifications of the spare parts, if requested.
47	Bidding Document	169	6.2 Specifications 1.6.2	IP Camera	Resolution: Min. 4 MP	Resolution: Minimum 2 MP
48	Bidding Document	181	6.2 Specifications 3.1.1	Precision Air Condition Indoor Unit	Compressor Type: Digital Scroll	Compressor Type: Digital/Inverter Scroll
49	Bidding Document	185	6.2 Specifications 4.1.2	Cylinder System	Bank of cylinders or Modular of cylinder shall be pressurized with dry nitrogen for a working pressure of 360~440 psi @68°F (minimum 25 bar @20°C), equipped with brass container valve with burst disc, visual control pressure gauge, bridle, protective cap and accessories for transport. Quantities of these accessories are provided in "item no: 3".	Bank of cylinders or Modular of cylinder shall be pressurized with dry nitrogen for a working pressure of minimum 360 psi @68°F (minimum 25 bar @20°C), equipped with brass container valve with burst disc, visual control pressure gauge, bridle, protective cap and accessories for transport. Quantities of these accessories are provided in "item no: 3".
50	Bidding Document	186		Cylinder System	Working Pressure: 25~30 bar	Working Pressure: minimum 25 bar

51	Bidding Document	186		Cylinder System	Low-pressure welded / seamless cylinders having a working pressure of 25~30 bar @20°C.	Low-pressure welded / seamless cylinders having a working pressure of minimum 25 bar @20°C.
52	Bidding Document	40	TDS referring to ITT 28.1(b)	D. Tender Preparation	<p>Manufacturer's authorization is: required</p> <p>A Manufacturer's Authorisation Letter is only required for</p> <ol style="list-style-type: none"> 1. Precision Air-Conditioner (Indoor and Outdoor Units) 2. Gas for Fire Suppression System 3. Cylinder for Fire Suppression System <p>Failure to provide the authorisation shall be treated as "Critical Deviation (CD)" for each of the item.</p>	<p>Manufacturer's authorization is: required</p> <p>A Manufacturer's Authorization Letter is only required for</p> <ol style="list-style-type: none"> 1. Precision Air-Conditioner (Indoor and Outdoor Units) 2. Gas for Fire Suppression System <p>Failure to provide the authorization shall be treated as "Critical Deviation (CD)" for each of the item.</p> <ol style="list-style-type: none"> 3. A Manufacturer's Authorization for Gas Cylinders needs to be submitted along with the bid. Alternatively, a Cylinder Test Certificate from Manufacturer for each cylinder can be submitted later if awarded the work (a declaration in letterhead should be submitted along with the bid). <p>Failure to provide Manufacturer's Authorization/Declaration letter in letterhead for item no. 3 above shall be treated as "Critical Deviation (CD)".</p>
53	Bidding Document	162	6.2 Specifications 1.1.1	Solid Panel	Country of Origin: EU/USA/UK	Country of Origin: EU/USA/UK/China
54	Bidding Document			Solid Panel	Country of Manufacture: EU/USA/UK	Country of Manufacture: EU/USA/UK/China

55	Bidding Document		6.2 Specifications 1.1.2	Perforated Panel	Manufacture Of Origin: EU/USA/UK	Manufacture Of Origin: EU/USA/UK/China
56	Bidding Document	163	6.2 Specifications 1.1.4	Air Grommet	Country of Origin: EU/USA/UK	Country of Origin: EU/USA/UK/China
57	Bidding Document	173	6.2 Specifications 1.7.6	Desktop Computer	10th Gen Intel Core i5-10500 Processor (12M Cache, 3.10 GHz up to 4.50 GHz). Its 4GB DDR4 RAM makes this an essential business desktop that also contains 1TB 7200 RPM of SATA HDD storage to ensure greater work ability. In its basic components include LED Back Light and standard Dell USB keyboard & USB mouse	Intel Core i5 (10 th Generation or higher) Processor (12M Cache, 3 GHz to 4.50 GHz). Its 4GB DDR4 RAM makes this an essential business desktop that also contains 1TB 7200 RPM of SATA HDD storage to ensure greater work ability. In its basic components include LED Back Light and standard Dell USB keyboard & USB mouse