Amendment to the Bidding Document for the work titled, "Supply, Installation, Testing and Commissioning of a Central Water Treatment Plant for Submarine Cable Landing Station, Kuakata, Patuakhali"

No. Reference	Page Number	Clause	Item Name	Existing Clause	Modified Clause
1 Bidding	42	Section 2 TDS	Manufacturer's	A Manufacturer's Authorization Letter is	
Document		D: Tender	authorization	only required for the following items	A Manufacturer's Authorization Letter is
		Preparation		listed in Section 6: Employer's	in Section 6: Employer's Bounting items listed
		referring to		Requirements.	1. Feed Proper s requirements.
t me til period		Ē		 Feed Pump 	2. High Pressure Primo
300,000		28.1 (b)		2. Iron & Manganese Filter	
				3. Multigrade Filter	
•				4. Granular Activated Carbon Filter	
•				5. Micron Filter	
				6. High Pressure Pump	in the second
				 RO Membrane Housing 	Ave Call
				Reverse Osmosis (RO)	111 To ope
				Membrane	
* WOL			***************************************	PH Correction Unit	
erroren d				CIP (Cleaning in Place)	and and
1				 RO Treated Water Storage Tank 	
2 Bidding	145	6.2	Feed Pump	Supplying, fitting and fixing of Feed Pump	Supplying, fitting and fixing of Feed Purpo
pocument		Specification	•	type Mono-block Centrifugal. Capacity-4	type Mono-block Centrifugal Canacity-4
		Item No: 1		m3/hr. Head 35 Meters, Power 1.1	m3/hr. Head 35 Meters. Power 1.1 kw 220
				kw,220 V, 50Hz, MOC SS-304, Brand-	V, 50Hz, MOC SS-304
				Apex/DAB manufactured in	Brand: To be mentioned by the hidder
				USA/EU/UK/Japan all complete and	Origin (Manufacturer): USA/EU/UK/Japan
-				accepted by the Engineer-in-charge.	
Bidding	145	6.2	iron &	Supplying, fitting and fixing of Iron	Supplying, fitting and fixing of Iron Removal
. pocument		Specification	Manganese	Removal Pressure Type, Capacity 4	Pressure Type, Capacity 4 m3/hr, 525 mm x
		TELLI NO. 7	Filter	m3/hr, 525 mm x 1550mm, Working	1550mm, Working temperature 1-49°C,
	5			temperature 1-490°C, Lowest	Lowest Environmental Temperature -27°C
	- Average			Environmental Temperature -270°C	Operating Pressure 150 psi. Testing
to a mar property and	Patricia	Minus Go		Operating Pressure 150 psi, Testing	Pressure 200 psi, Burst Pressure 750 psi
•	-	-		Pressure 200 psi, Burst Pressure 750 psi,	MOC of Vessel FRP
-		Secret dispray		MOC of Vessel FRP. Brand of FRP Vessel	Brand of FRP Vessel: To be mentioned by
	_			Heron/Tonklean Type of Media, Iron	







	c.				Removal Media & Quartz Sand & Gravel,	Type of Media- Iron Removal Media &
					Brand of Removal Media -BIRM	Quartz Sand &
					manufactured in USA/EU all complete	Media -To be mentioned by the bidder
۵	2				and accepted by the Project Manager.	origin (manufacturer) in USA/EU/UK/Japan
t	Bidding	145	6.2	Multigrade	Supplying, fitting and fixing of Multigrade	Supplying, fitting and fixing of Multigrade
ma inclusionessos	Document		Specification	Filter	type Filter, Capacity 4 m3/hr, Size-525	type Filter, Capacity 4 m3/hr, Size-525 mm
MMOTO TO A SHIPMAN			Item No: 3		mm x 1550 mm, Working temperature 1-	x 1550 mm, working temperature 1-49° C,
and the second					49° C, Lowest Environmental	Lowest Environmental Temperature -27°C
· v · Jagan ,			· · · · ·		Temperature -27°C Operating Pressure	Operating Pressure 150 psi, Testing
- Nacharata - A					150 psi, Testing Pressure 200 psi, Burst	
					Pressure 750 psi, MOC of Vessel FRP.	
					Brand of FRP Vessel	
					Heron/Gfiber/Topklean, Type of Media-	the bidder,
	1	e.	0 10		Anthracite & Quartz Sand & Gravel,	
					Brand of Anthracite Media -Aqualax	Gravel, Brand of Anthracite Media -To be
					manufactured in China/Vietnam/Taiwan	mentioned by the bidder and Origin
					all complete and accepted by the Project	
					Manager.	bidder
U	Burnnia	146	6.2	Granular	Supplying, fitting and fixing of Activated	Supplying, fitting and fixing of Activated
	Document		Specification	Activated	Carbon Pressure Type Filter, Capacity 4	Carbon Pressure Type Filter, Capacity 4
			Item No: 4	Carbon Filter	m3/hr, 525 mm x 1550 mm, Working	m3/hr, 525 mm x 1550 mm, working
				,	temperature 1-490°c, Lowest	temperature 1-49°c, Lowest Environmental
				,	Environmental Temperature -270°c	Temperature -27°c Operating Pressure 150
					Operating Pressure 150 psi, Testing	psi, Testing Pressure 200 psi, Burst Pressure
			(90) 5		Pressure 200 psi, Burst Pressure 750 psi,	750 psi, MOC of Vessel FRP. Brand of FRP
			1,000,000		MOC of Vessel FRP. Brand of FRP Vessel	Vessel: To be mentioned by the bidder,
w. r. 9			V-10/1000		Pentair/Gfiber/Topklean, Type of Media-	Type of Media- Coconut Sheel Activated
	************				Coconut Sheel Activated Carbon &	Carbon & Quartz Sand & Gravel. Iodine
					Quartz Sand & Gravel. Iodine Adsorption	Adsorption -800 mg/g min, Ash- 3% Max,
					-800 mg/g min, Ash- 3% Max, Moisture-	Moisture-5% Max, Brand of Activated
					5% Max, Brand of Activated Carbon	Carbon Media:-
					Media- Gaia /Hi-carb manufactured in	bidder
			www. 114 4		Malaysia/Sri Lanka complete and	Origin (manufacturer):
					accepted by the Project Manager.	USA/EU/UK/Japan/Malaysia/Sri Lanka
0	Bidding	146	6.2	Anti-Scalant	Supplying, fitting and fixing of Anti-	Supplying, fitting and fixing of Anti-scalant
	Document		Specification	Dosing	scalant Dosing System, Diaphragm	Dosing System (Including dosing Tank,
			Item No: 5.1		Metering Pump, Capacity 1.1 LPH / 5LP	MOC: HDPE, capacity: 60 Ltr), Diaphragm
					H, Working Pressure-7 Bar, MOC of pump	Metering Pump, Capacity 1.1 LPH / SLP H.













11	Bidding Document	146	6.2 Specification Item No: 5.6	PH Correction Unit	Oltremare/Membranium/Toray manufactured in USA/EU/Japan all complete and accepted by the Project Manager. Supplying, fitting and fixing of PH correction unit dosing pump type Diaphragm Merering Pump Capacity 1 1
	Document		Specification Item No: 5.6	PH Correction Unit	Supplying, fitting and fixing of PH correction unit dosing pump type Diaphragm Metering Pump, Capacity 1.1 LPH Working Pressure-7 Bar, MOC of pump Head Teflon/PVDF, Power 9.20 W 220 V, 1P, 50Hz, Brand- Seko /Pulsafeeder manufactured in USA / EU. all complete and accepted by the Project Manager.
12	Bidding Document	147	6.2 Specification Item No: 5.7	PH correction dosing tank	Supplying, fitting and fixing of PH correction dosing tank Capacity 60 Ltr/100 ltr, MOC HDPE/PVC, Brand of tank - Gfiber or Local mannufactured in USA/Bangladesh all complete and accepted by the Project Manager.
Control and the control and th	Document	14/	6.2 Specification Item No: 5.9	Flow Meter	Supplying, fitting and fixing of Flow Meter for RO permeate & Concentrate measurement, 1 Inch size Rota type flowmeter, Range 0.25-2.5 m3/hr, brand of meter Heron/LZS manufactured in Taiwan/China all complete and accepted by the Project Manager.
	Document	1	Specification Item No: 6	Panel	CONTROL PANEL: Supply and installation of metal clad type, three phase 400 V, ±5% V, 50 Hz, Automatic motor starter complete with contactor, phase failure etc. of the require range of rated current including supply of required fixing materials. Electro Magnetic Equipment: Electro Magnetic Equipment consist of Magnetic Conductor, Overload Relay, Timer, Automatic Motor Starting System.







147 6.2 CIP (Cleaning in Specification Item No: 7 Place) 148 Specification Item No: 7 Place) 149 6.2 CIP Cartridge Supplying, fitting and fixity Specification Filter Item No: 8 Poecification Filter Specification Item No: 9 Polypropylene, Brand of Filter Specification of Filtings Polypropylene, Brand fixing P	5				n recognition to dis-
6.2 CIP (Cleaning in CIP Pump-01 Unit, Quantity-01 Unit, Specification Place) 7 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Filter Filter Filter Filter For CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - Polypropylene, Brand of filter Power of Heater Ol Pcs k kw, Item No: 9 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC, Specification Water Storage Brand:Sera/Gazi,Origin-BD 6.2 RO Treated Capacity-5000 Ltr, MOC-PVC, Gapacity-5000 Ltr	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pcs k kw, Thermometer- 01 pc Capacity- 5000 Ltr, MOC-PVC, Certification- Food Grade, Brand:Sera/Gazi,Origin- BD Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E- class, white/gray brand of pipe ERA/Leso manufactured in China/Taiwan/Bangladesh and accepted by the Project Manager.			Document	THE OF THE SECTION
6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification let m No: 7 Place) 6.2 CIP Cartridge Specification Filter Specification let m No: 8 ltem No: 9 Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltr. MOC-PVC, Power of Heater- 01 pc Capacity-5000 Ltr. MOC-PVC, Power of Heater- 01 pc Capacity-5000 Ltr. MOC-PVC, Power of Grade, Water Storage Brand:Sera/Gazi, Origin- BD 6.2 UPVC Pipe and Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E- class, white/gray brand of pipe ERA/Leso manufactured in China/Taiwan/Bangladesh and accepted by the Project Manager.	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 Pcs k kw, Thermometer- 01 pc Capacity- 5000 Ltr. MOC-PVC, Certification- Food Grade, Brand:Sera/Gazi, Origin- BD Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E-class, white/gray brand of pipe ERA/Leso manufactured in China/Taiwan/Bangladesh and accepted by the Project Manager.		124	Bidding	20
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in Lem No: 7) 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Specification Item No: 8 Item No: 8 Filter Filter Filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter-Polypropylene, Brand of filter-Polypropylene, Brandspark, Polypropylene,	n CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pc Capacity-5000 Ltr. MOC-PVC, Certification-Food Grade, Brand:Sera/Gazi,Origin-BD Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E- class, white/gray brand of pipe ERA/Leso manufactured in China/Taiwan/Bangladesh and accepted		***		
Flectric as per direction of the Project Manager 6.2 CIP (Cleaning in Lem No: 7) 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Specification Filter Item No: 8 Item No: 8 Filter Specification Filter 6.2 CIP Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter-rate SMicron, Moc of filter-rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltt, MOC-PVC, Power of Heater-01 pc Gapacity-5000 Ltt, MOC-PVC, Power of Heater-01 pc Gapacity-5000 Ltt, MOC-PVC, Certification-Food Grade, Brand:Sera/Gazi,Origin-BD 6.2 uPVC Pipe and Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E-class, white/gray brand of pipe ERA/Leso manufactured in	n CIP Pump- 01 Unit, Quantity-01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pcs k kw, Thermometer- 01 pc Capacity-5000 Ltr. MOC-PVC, Certification- Food Grade, Brand:Sera/Gazi, Origin- BD Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E- class, white/gray brand of pipe ERA/Leso manufactured in	- N. 19			
6.2 CIP (Cleaning in CP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Supplying, filter for CIP, Capacity 2 m3/hr, 1 nos litem No: 8 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Power of Heater O1 pc Specification ltem No: 9 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater-O1 pc Capacity-5000 Ltr, MOC-PVC, Capacity-5000 Lt	n CIP Pump- 01 Unit, Quantity-01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pcs k kw, Thermometer- 01 pc Capacity- 5000 Ltr. MOC-PVC, Certification- Food Grade, Brand:Sera/Gazi,Origin- BD Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E- class, white/gray brand of pipe ERA/Leso				
6.2 CIP (Cleaning in CP Pump-01 Unit, Quantity-01 Unit, Specification Place) 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos ltem No: 8 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge filter housing, MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Power of Heater O1 pc Gapacity: 500 Ltr, MOC-PVC, Power of Heater-01 pc Gapacity-5000 Ltr, MOC-PVC, Power of Heater-01 pc Gapacity-5000 Ltr, MOC-PVC, Capacity-5000 Ltr, MOC-PVC, Capacity-50	n CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pcs k kw, Thermometer- 01 pc Capacity- 5000 Ltr. MOC-PVC, Certification- Food Grade, Brand:Sera/Gazi,Origin- BD Supply and installation of uPVC pipe and fitting, Food Grade, 40 Schedule, E- class,	Item No: 11			
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos Item No: 8 Filter filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater-01 pc 6.2 RO Treated Capacity-5000 Ltr. MOC-PVC, Power of Heater-01 pc 6.2 RO Treated Capacity-5000 Ltr. MOC-PVC, Certification-Food Grade, Brand:Sera/Gazi,Origin-BD 6.2 UPVC Pipe and Supply and installation of LPVC nine and Supply and Installation	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 Pcs k kw, Thermometer- 01 pc Capacity- 5000 Ltr. MOC-PVC, Certification- Food Grade, Brand: Sera/Gazi, Origin- BD			Document	
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Item No: 7 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos Item No: 8 Filter Filter Filter rate 5Micron, Moc of filter Housing - Polypropylene, Brand of filter- Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater Specification Item No: 9 6.2 RO Treated Capacity- 5000 Ltr, MOC-PVC, Power of Heater- 01 pc Specification Water Storage Rand:Sera/Gazi,Origin- 8D Electric as per direction of the Project Amanager CIP Pump- 01 Unit, Quantity-01 Unit, 2 2m3/hr, 1 nos filter for CIP, Capacity 2 m3/hr, 1 nos filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter- Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pc k kw, Thermometer- 01 pc Sk kw, Thermometer- 01 pc Sk kw, Specification Water Storage Certification- Food Grade, Brand:Sera/Gazi,Origin- 8D	n CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pc kw, Thermometer-01 pc Capacity- 5000 Ltr. MOC-PVC, Certification- Food Grade, Brand: Sera/Gazi, Origin- BD		147	Bidding	19
6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) 6.2 CIP Cartridge Power - 1.1 KW, Type-Centrifugal, Brand: 6.2 CIP Cartridge Filter For CIP, Capacity 2 m3/hr, 1 nos ltem No: 8 Specification Filter For CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pc Sk kw, Thermometer- 01 pc Capacity-5000 Ltr. MOC-PVC, Centification Water Storage Centification-Food Grade, Centification-Food Grade,	CIP Pump- 01 Unit, Quantity-01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pc kw, Thermometer- 01 pc Capacity-5000 Ltr. MOC-PVC, Certification-Food Grade, Certification-Food Grade,	ren No. 10			
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: 6.2 CIP Cartridge Filter For CIP, Capacity 2 m3/hr, 1 nos ltem No: 8 Filter For CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater-01 pc 6.2 RO Treated Capacity- 5000 Ltr. MOC-PVC,	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing. MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 pcs k kw, Thermometer- 01 pc	-		Docament	
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: 6.2 CIP Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 Pcs k kw, Thermometer- 01 pc	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 Pcs k kw, Thermometer- 01 pc	rae recons	14/	Bidding	70
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Item No: 7 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos Item No: 8 Specification Filter Filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, Moc of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate 5 Micron, Moc of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 Pcs k kw,	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC, Power of Heater- 01 Pcs k kw,			-	3
6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Item No: 7 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy 6.2 CIP Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. 6.2 CIP Heater CIP Tank Capacity: 500 Ltr, MOC-PVC,	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager. CIP Tank Capacity: 500 Ltr, MOC-PVC,	Specification		Document	
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, Moc of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager.	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and accepted by the Project Manager.	6.2	14/	Budding	1
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-1-20" D-4", Filter rate SMicron, Moc of filter-Polypropylene, Brand of filter-Lanshan/Sanaky/Pentair all complete and				1
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter HDPE/PVC, Filter size-L-20" D-4", Filter rate 5 Micron, Moc of filter-Polypropylene, Brand of filter-	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: DAB, Origin: Italy Supplying, fitting and fixing of Cartridge filter for CIP, Capacity 2 m3/hr, 1 nos filter housing, MoC of filter Housing - HDPE/PVC, Filter size-L-20" D-4", Filter rate 5Micron, Moc of filter-Polypropylene, Brand of filter-	20.00			Section 40
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Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, ltem No: 7 Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW, Type-Centrifugal, Brand: To be mentioned (Manufacturer): 6.2 CIP Cartridge Supplying, fitting and fixing of Cartridge Supplying, fitting	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW, DAB, Origin: Italy (Manufacturer): Supplying, fitting and fixing of Cartridge Supplying, fitting	Specification		Document	B*1 B1
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW, Type-Centrifugal, Brand: To be mentioned DAB, Origin: Italy Electric as per direction of the Project Manager CIP Pump- 01 Unit, 2m3/H, Head-40m, 2m3/H, Head-40m, 1m3/H, Head-40m, 2m3/H, Head-40m, 1m3/H, He	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW, DAB, Origin: Italy (Manufacturer):	** ***********************************	147	Bidding	10
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW, To be mentioned.	CIP Pump- 01 Unit, Quantity- 01 Unit, CIP Pump- 01 Unit, 2m3/H, Head-40m, 2m3/H, Head-40 Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW, DAB, Origin: Italy				
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) 2m3/H, Head-40m, ltem No: 7 Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW,	CIP Pump- 01 Unit, Quantity- 01 Unit, CIP Pump- 01 Unit, 2m3/H, Head-40m, 2m3/H, Head-40m, Power - 1.1 KW, Type-Centrifugal, Brand: Power - 1.1 KW,				
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit, Specification Place) 2m3/H, Head-40m,	CIP Pump- 01 Unit, Quantity- 01 Unit, 2m3/H, Head-40m,	Item No: 7			
Electric as per direction of the Project Manager 6.2 CIP (Cleaning in CIP Pump- 01 Unit, Quantity- 01 Unit,	CIP Pump- 01 Unit, Quantity- 01 Unit,	Specification		Document	
Electric as per direction of the Project Manager	+	-	147	Bidding	15
	Manager			2	
		ellina art - sp. or			
- Bertina	<u> </u>	· Other designation			
to run the plant efficiently. Brand of efficiently. Brand of major Component shall					







2 May 2

Document Bidding 40 referring to 15.1 (a) TDS C. Qualification Criteria The required average annual (Two) Crore within the last 03 (three) turnover shall be greater than Tk. 2 statement for turnover is needed to be submitted. point Two Five) Crore within the last 03 shall be greater than Tk. 1.25 (One (three) years. Audited financial The required average annual turnover Line Item No: 15
Item Description: Any other item that is
required to fulfill the scope of the tender to be added by the bidder.

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