



চট্টগ্রাম পানি সরবরাহ ও পয়ঃনিষ্কাশন কর্তৃপক্ষ
Chattogram Water Supply & Sewerage Authority
Chattogram Water Supply Improvement Project
WASA Office Building, Dampara, Chattogram, Bangladesh

Memo No. 46.06.2000.000.335.41.0017.25-195

Date: 28.10.2026

3rd Set of Clarifications/Queries and Responses of CWASA

Project: Chattogram Water Supply Improvement Project (CWSIP)
Package ID: CWSIP/W1
Package Name: Design, Construction, Supply, Installation, Testing & Commissioning for System Improvement and DMA Formation of
Lot 1: Mohara Water Supply System
Lot 2: Modunaghat and Kalurghat Water Supply System

After issuing minutes of pre-proposal meeting, addendum-1, addendum-2 and Responses to 2nd Set of Clarifications/Queries, PMU, CWSIP received several queries from the bidders'/Proposers'. All the queries and corresponding replies/responses have been compiled as follows-

SL No	RFP reference	RFP provision mentioned by Bidders'/Proposers' and Bidders'/Proposers' Query	Response
1	Volume-2B L2-2.5 (Filter Rehabilitation)	Volume 2B requires conversion of the existing 10 MGD filters to an air-water backwash system. However, the available drawings indicate that the existing 10 MGD unit is a siphon-type rapid sand filter. Conversion to air-water backwash would therefore involve substantial modification to the existing filter system, including underdrains, air-scour and backwash pipework, blowers, controls, and associated civil works. Please confirm whether: (a) the existing siphon-filter configuration and existing backwash arrangement could be retained without conversion to air-	a) No. Supply and installation of a new underdrain system shall be required under the scope. b) 100% new media is required.

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		water backwash; and (b) approximately 20% by volume of the existing sand media could be replaced with manganese catalytic media, while retaining the existing supporting gravel layer.	
2	Volume-2B L2-2.5 (Chemical Dosing)	Volume 2B refers to clear reinforced polyethylene tubing for lime-slurry delivery. Please confirm that pressure-rated HDPE pipe could be adopted for permanent outdoor pressurized nonchlorine dosing lines (lime slurry, ferric chloride and KMnO4), with transparent flexible tubing limited to short local connections.	The Provisions mentioned in RFP shall remain unchanged.
3	Volume-2B L2-2.5 / Drawings (Flow Measurement)	The drawings / schedules indicate flow measurement at the existing 10 MGD filter outlet and the sludge discharge, which could be open-channel or non-full-pipe flows where an electromagnetic flow meter is not applicable. Please confirm that the meter location and/or measurement technology could be adjusted at such points, provided the required monitoring function and accuracy are maintained.	Yes, these will not be pressure flows. A properly sized weir with real-time flow measurement using an ultrasonic or hydrostatic level sensor is recommended.
4	Volume-2B L2.2.3.7.2 (Motor and VFD Voltage)	Volume 2B, Clause L2.2.3.7.2 specifies 3.3 kV motors and VFDs for the Sector 4 and Sector 5 pumps, with motor ratings approximately within the 122/132–160 kW range. Please clarify whether the specified 3.3 kV voltage level is mandatory, or whether the Contractor could determine the most appropriate motor and VFD voltage during detailed design, including the use of a 400/415 V LV system, subject to confirmation by the electrical load-flow, short-circuit, voltage-drop, starting, protection, and other applicable design studies.	The 3.3 kV motors and associated VFDs were considered during the preliminary design stage for the purpose of space allocation and the layout of the pump station buildings, based on the information available and the level of studies undertaken at that stage. As this is a Design & Build contract, the Contractor shall be responsible for developing and optimising the detailed design and may propose the most technically and economically suitable motor and VFD configuration, subject to compliance with the Employer's Requirements and the applicable technical specifications. Any proposal to adopt a voltage level other than the specified 3.3

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			kV shall be supported by detailed technical studies demonstrating its suitability, including compatibility with the electrical distribution system and other equipment, load flow, short-circuit levels, voltage drop, motor starting, protection coordination, operational reliability, lifecycle costs and maintainability. Any such deviation shall be subject to the Engineer's/Employer's review and prior written approval in accordance with the Contract, without relieving the Contractor of its contractual design and performance obligation.
5	Volume-1 Section III Evaluation and Qualification Criteria A-1.3 Equipment	Portable Air Compressor completes with hose & pneumatic tools. Minimum capacity 2.83 m ³ per minute and pressure 70 kg/cm ² (The equipment must be fitted with a silencer or noise reducing system to ensure compliance with noise regulations for night work). While the specified airflow capacity of 2.83 m ³ /min is consistent with portable compressors commonly used for construction pneumatic tools, the specified pressure of 70 kg/cm ² (approximately 69 bar) is significantly higher than the normal operating pressure of standard pneumatic construction equipment. Please confirm whether the specified pressure of 70 kg/cm ² is correct, or whether the intended minimum working pressure is 7.0 kg/cm ² (approximately 7 bar).	The intended minimum working pressure is 7.0 kg/cm ² (approximately 7 bar).
6	Volume 2A Employer's Requirements (page 21, page 26)	An estimated 10 in-line booster pumps to pressurise the distribution networks in elevated areas. The maximum capacity of such pump can be taken as 5 KW for estimation purposes. As per the preliminary hydraulic analysis, the pump capacities are estimated to range from Q = 8 MLD, H = 10 m to Q = 60 MLD, H = 45 m, with approximately three pumps anticipated across the two sectors	The issue is explained in Addendum-2 item 06.

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		Based on the scope of work the in-line booster pump number is 10, and capacity is 5kw ,however based on the L1 2.3.4 , the in-line booster pump is 3, and capacity is much bigger than 5kw , which we should follow ?	
7	Volume Employer's Requirements (page 21,26) 2B	<p>15 in-line booster pumps to pressurise the distribution networks in elevated areas. The maximum capacity of such pump can be taken as 5 KW for estimation purposes.. As per the preliminary hydraulic analysis, the pump capacities are estimated to range from Q = 8 MLD,H = 10 m to Q = 20 MLD, H = 45 m, with approximately two pumps anticipated across the three sector</p> <p>Based on the scope of work the in-line booster pump number is 15 , and capacity is 5kw ,however based on the L1 2.3.4, the in-line booster pump is 2, and capacity is much bigger than 5kw , which we should follow ?</p>	<p>Please refer to RFP document- L2-2.3 Work Section 1: Design and Construction of Transmission and Distribution Systems L2-2.3.1 Hydraulic Network Design and Detailed Design of Pipe Network</p> <p>The Contractor shall prepare detailed designs of the distribution system reinforcements, replacements for unfit existing distribution pipes and the DMAs to be established in the Lot 2 transmission and distribution system, based on the indicative drawings and the preliminary hydraulic model of the Employer. The scope of services for such designs shall include but shall not be limited to:</p> <p>(z) Detailed design includes but not limited to: e. on-street booster pumps and inflow meter along with all the required pipework and structural elements and the location and design of the above-ground instrumentation boxes;</p> <p>Number of booster pumps are depends on upstream pressure setting in the detail design based on most accurate site topographic data.</p> <p>According to Section L2-2.2 and Section L2-2.3.4, adequate number of on-street booster pumps should be installed by Contractor as per contractor's final design.</p>

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8	Volume 2B Employer's Requirements	CUFL pumping station Could you provide the voltage level of the power supply outside the fertilizer factory pump station?	General scope for the CUFL pump station is given in the RFP (L2.2.3.19). Power shall be obtained from the medium-voltage (11 kV / 33 kV) network of the supply authority. Proposers shall verify the available voltage and capacity with the supply authority
9	Volume 2B Employer's Requirements L1-2.2 Scope of Works – Lot 2	The scope of renovation for the existing power generation room, distribution room, and control room of the iron removal plant is determined: We would like to clarify: (1) Should all equipment in the original power generation room and equipment rooms be moved to the new power generation room? Should the equipment in the control room be moved to the new control room? Are there any recommended locations for the two outdoor transformers? (2) Is the removal of all incoming and outgoing cables for the equipment within the scope of renovation? (3) If within the scope, should the cables be reused or updated? (4) Should the new generator be set up in the new power generation room together with the original generator?	Please refer to, L2-2.5 Work Section 3: Rehabilitation of Iron Removal Plant at Kalurghat 6) Converting Decommissioned Pump House Building to Chlorination/Chemical House, Generator House, and IRP Control Centre: (1) All equipment's of the existing generator room shall be relocated within the proposed location. Most appropriate internal locations to be decided during detail design. (2) Yes, It is removal of all incoming and outgoing cables for the equipment within the scope of renovation. (3) Cables should be updated/replaced. (4) Yes. A new generator shall be supply and installed as specified.
10	Volume-1, Section I - Instructions to Proposers ITP-15.8	All duties, taxes, and other levies payable by the Contactor under the Contract, or for any other cause, as of the date 28 days prior to the deadline for submission of Proposals, shall be included in the Proposal price submitted by the Proposer. Please clarify who will pay the Customs Duty (CD) and VAT, Bidder or employer?	The Contractor shall pay all applicable taxes including Customs Duty (CD) and VAT.

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11	Volume-1, Section III - Evaluation and Qualification Criteria A-1.5 Proposed Plants, Equipment Materials & Instruments for Permanent Works	<p>i. Shall have been in production and exported to overseas countries for period not less than 15 (fifteen) years.</p> <p>ii. Shall have the Past Satisfactory Manufacturing & Supply Records within the period reckoned from 1st January 2015 and Proposal submission deadline, which include supply of equipment/goods minimum of 10 (ten) countries other than manufacturers home country similar (similarity may be by volume/capacity/output/length (as relevant) to this Contract. The Proposer shall submit at least one contract per country and dispatch particulars.</p> <p>i. It is requested to the employer to withdraw of HDPE Pipe.</p> <p>ii. You are requested to omit this clause "supply of equipment/goods minimum of 10 (ten) countries other than manufacturers home country"</p> <p>The mentioned criteria is creating a bar to eligible and viable manufacturers of Tendering country to participate in this tender.</p>	Please refer to Addendum-3.
12	Volume-1, Section II, ITP 38.1, Section III-Evaluation and Qualification Criteria, Section IV-Proposal forms	<p>a) With reference in the ITP 38.1 the date for the exchange rate shall be the deadline for submission of proposals.</p> <p>b) With reference in the Section III - Evaluation and Qualification Criteria (Page No. 44) mentioned For construction turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year are to be converted) was originally established.</p> <p>c) With reference in the foot note of the form FIN-3.1: Financial Situation and Performance and FIN-3.2: Average Annual Construction Turnover mentioned; refer ITP 38.1 for the exchange rate.</p>	All the exchange rates mentioned in the RFP document are correct and shall be applied to their respective cases.

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		Requesting to the employer which one is correct out of a,b,c ?	
13	Volume-1, Section IV	<p>Clarification Request regarding FIN-3.1: Financial Situation and Performance</p> <p>With reference in the foot note of Form FIN-3.1 - Financial Situation and Performance, under the requirement for Financial Data for the Last Five Years, it is stated that the exchange rate shall be referred to ITP 38.1.</p> <p>We may request the Employer to clarify whether, for the purpose of presenting the financial data for each of the last five financial years, the applicable exchange rate should be the Bangladesh Bank exchange rate prevailing as of the last date of the respective financial year, due to shown of actual financial data.</p> <p>Please consider as above mentioned.</p>	The exchange rate for Form FIN-3.1 shall be taken from the source mentioned in ITP 38.1
14	Volume-1, Section IV	<p>Clarification Request regarding FIN-3.2: Average Annual Construction Turnover</p> <p>With reference in the footnote of Form FIN-3.2 - Average Annual Construction Turnover, the requirement for the last five years states that the exchange rate shall be referred to ITP 38.1</p> <p>We may request the Employer to clarify whether, for the purpose of converting the construction turnover of each of the last five financial years into the required currency, the applicable exchange rate shall be the Bangladesh Bank exchange rate prevailing on the last date of the respective financial year, due to shown of actual financial data.</p> <p>Please consider as stated above.</p>	The provision of the RFP document shall remain unchanged



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15	Volume-1, Section IV	<p>Clarification Request regarding EXP-4.1: General Construction Experience With reference in the footnote of Form EXP-4.1 - General Construction Experience, it is stated that the exchange rate shall be referred to ITP 38.1.</p> <p>Clarification Request regarding EXP-4.2(a): Specific Experience With reference in the foot note of Form EXP-4.2(a) - Specific Experience, It is stated that the exchange rate shall be referred to ITP 38.1.</p> <p>Clarification Request regarding EXP-4.2(b): Specific Experience in Managing ES aspects With reference of total contract amount In the Form EXP-4.2(b) - Specific Experience in Managing ES aspects, it is stated that the exchange rate shall be referred to UP 38.1</p> <p>As the form requires details of completed construction contracts, including the actual contract value, we may request the Employer to clarify whether, the applicable exchange rate for conversion into USD should be the Bangladesh Bank exchange rate prevailing on the respective contract signing date. Please consider as stated above.</p>	It is clearly written in Form EXP - 4.2 (a) that 'Refer ITP 38.1 for date and source of exchange rate'.
16	Volume 2A Employer's Requirements (page 30, 149) Volume 3A - Conceptual Drawings	<p>For L1-2.3.6 The following main items are included in the scope at this location:</p> <ul style="list-style-type: none"> • 3.3kV generator <p>For L1-5.6.12 One duty and one standby diesel generator with integrated cooling for the engines and generators,</p>	One Standby Diesel generator is required for Dhaka trunk road ground reservoir and pump station.

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	<p>Section VII – Employer's Requirements L1-2.3.6 Reservoir and BPS at the existing DT BPS premises L1-5.6.12 Heavy Duty 3.3kV Reserve Diesel Generator Station Drawing number CWSIP/W1L1/DTR/GA-001</p>	<p>For Generator L1-2.3.6 and drawing there is only one generator in for Dhaka trunk road ground reservoir and pump station But L1-5.6.12 there is one duty and one standby.</p> <p>We think only one generator is required, please confirm</p>	
17	<p>Volume 2B Employer's Requirements (page 28, 174) L2-2.3.7 New Pump Station for Distribution Pumps for Both Sector 4 and 5 L2-5.7.12 Heavy Duty 3.3kV Reserve Diesel Generator Station</p>	<p>L2-2.3.7 The major components of the booster system shall include but not be limited to: (h) 3.3kV generator</p> <p>L2-5.7.12 One duty and one standby diesel generator with integrated cooling for the engines and generators</p> <p>For Generator L2-2.3.7 there is only one generator in for Distribution Pumps for Both Sector 4 and 5 But L1-5.7.12 there is one duty and one standby.</p> <p>We think only one generator is required, please confirm</p>	<p>One Standby Diesel generator is required for Distribution Pump Station for Both Sector 4 and 5.</p>

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18	Volume 2B - Employer's Requirements (page 22) L2-2.2 Scope of Works -Lot 2	Approximately 7 Km of new HDPE pipe and associated fittings to convey 30 MLD water produced from Chittagong Urea Fertilizer Company Area to Sector 1 Area through utility duct of Karnaphuli Tunnel. Based on visible conditions inside the existing highway tunnel, the installation location of the HDPE pipeline cannot be identified. Please specify the installation position and installation method of the about 7km of DN1000 /800 HDPE pipeline within the Karnaphuli tunnel and please provide the utility duct information.	The Bidders are requested to carry out all necessary investigations, studies and design activities to confirm position and installation method of the about 7km of DN1000 /800 HDPE pipeline within the Karnaphuli tunnel.																																		
19	LOT 1 page 98 L1-5.2.3.2 Architectural/Civil Design	<table><tr><td>External walls</td><td>Two coats of weather shield paint on 200mm brick wall with two-way plaster method to achieve a semi rough even finish.</td></tr><tr><td>Internal walls</td><td>Two coats of emulsion paint on neat fillers on plastered block/Brick wall.</td></tr><tr><td>Roof</td><td>0.47 mm thick Zn /Al roofing sheets with a heat resistant layer, laid to a pitch of 15 degrees on steel frame to be painted with two coats of anticorrosive Zinc Phosphate paint and one coat of enamel paint.</td></tr><tr><td>Internal ceiling</td><td>Plaster board / gypsum ceiling on 600x600 Aluminium framework with no exposed joints.</td></tr><tr><td>Internal slab soffits</td><td>Two coats of Plastic Emulsion paint on neat fillers of plastered block wall.</td></tr><tr><td>External flat ceiling</td><td>Water resistant calcium silicate ceiling board fixed on to the underside of the roof truss.</td></tr><tr><td>Eave ceiling</td><td>White colour 6mm thick aluminium composite cladding (outdoor type) sheet flat ceiling supported with steel sections fixed on to the underside of the</td></tr><tr><td>Flat roof</td><td>All external R.C.C. slabs and internal toilets to be waterproofed by professional waterproofing.</td></tr><tr><td>Floor</td><td>Anti slip epoxy self-levelling screed.</td></tr><tr><td>Toilet floor</td><td>Non slip matt finish 600x300 porcelain tiles.</td></tr><tr><td>Toilet wall</td><td>300x600 gloss finish five layers of porcelain tiles.</td></tr><tr><td>Rest room / Pantry floor</td><td>Non slip semi gloss finish 600x600 porcelain tiles.</td></tr><tr><td>Rest room / Pantry wall</td><td>Gloss finish 150x300 porcelain tiles to the height of 450mm above the pantry top.</td></tr><tr><td>Skirting</td><td>125 mm high skirting of the same floor material of the area either tile or cement</td></tr><tr><td>Outside paving around the building</td><td>Smooth cement rendering with a slope to the drain</td></tr><tr><td>Doors and windows</td><td>Gray colour powder coated aluminium doors and double-glazed windows with glass to be specified by the fabricator.</td></tr><tr><td>Handrails</td><td>Galvanized steel handrails to be painted with primer first and apply two coats of emulsion black colour paint</td></tr></table>	External walls	Two coats of weather shield paint on 200mm brick wall with two-way plaster method to achieve a semi rough even finish.	Internal walls	Two coats of emulsion paint on neat fillers on plastered block/Brick wall.	Roof	0.47 mm thick Zn /Al roofing sheets with a heat resistant layer, laid to a pitch of 15 degrees on steel frame to be painted with two coats of anticorrosive Zinc Phosphate paint and one coat of enamel paint.	Internal ceiling	Plaster board / gypsum ceiling on 600x600 Aluminium framework with no exposed joints.	Internal slab soffits	Two coats of Plastic Emulsion paint on neat fillers of plastered block wall.	External flat ceiling	Water resistant calcium silicate ceiling board fixed on to the underside of the roof truss.	Eave ceiling	White colour 6mm thick aluminium composite cladding (outdoor type) sheet flat ceiling supported with steel sections fixed on to the underside of the	Flat roof	All external R.C.C. slabs and internal toilets to be waterproofed by professional waterproofing.	Floor	Anti slip epoxy self-levelling screed.	Toilet floor	Non slip matt finish 600x300 porcelain tiles.	Toilet wall	300x600 gloss finish five layers of porcelain tiles.	Rest room / Pantry floor	Non slip semi gloss finish 600x600 porcelain tiles.	Rest room / Pantry wall	Gloss finish 150x300 porcelain tiles to the height of 450mm above the pantry top.	Skirting	125 mm high skirting of the same floor material of the area either tile or cement	Outside paving around the building	Smooth cement rendering with a slope to the drain	Doors and windows	Gray colour powder coated aluminium doors and double-glazed windows with glass to be specified by the fabricator.	Handrails	Galvanized steel handrails to be painted with primer first and apply two coats of emulsion black colour paint	The specified finishing schedule shall be considered the minimum requirement. Any proposed alternative or modification shall be subject to the Engineer's approval.
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20	LOT 2 page 129 L2-5.3.2 Architectural/Civil Design	<p>(b) Architectural Finishes Contractor shall follow the below table for the architectural finishes design wherever necessary.</p> <table><tr><th colspan="2">FINISHING SCHEDULE</th></tr><tr><td>External walls</td><td>Two coats of weather shield paint on 200mm block wall with two-way plaster method to achieve a semi rough even finish.</td></tr><tr><td>Internal walls</td><td>Two coats of emulsion paint on neat fillers on plastered block</td></tr><tr><td>Roof</td><td>0.47 mm thick Zn/Al roofing sheets with a heat resistant layer, laid to a pitch of 15 degrees on steel frame to be painted with two coats of anticorrosive Zinc Phosphate paint and one coat of enamel paint.</td></tr><tr><td>Roof cladding</td><td>Zn/Al roof cladding with heat resistant lining</td></tr><tr><td>Internal ceiling</td><td>Plaster board/gypsum ceiling on 600x600 Aluminium framework with no exposed joints.</td></tr><tr><td>Internal slab soffit</td><td>Two coats of emulsion paint on neat fillers on plastered block wall.</td></tr><tr><td>External flat ceiling</td><td>Water resistant calcium silicate ceiling board fixed on to the underside of the roof truss.</td></tr><tr><td>Eave ceiling</td><td>White colour 6mm thick aluminium composite cladding (outdoor type) sheet flat ceiling supported with steel sections fixed on to the underside of the roof truss.</td></tr><tr><td>Flat roof</td><td>All external R.C.C. slabs and internal toilets to be waterproofed by professional waterproofing contractors.</td></tr><tr><td>Floor</td><td>Anti slip epoxy self-levelling screed.</td></tr><tr><td>Toilet floor</td><td>Non slip matt finish 300x600 porcelain tiles.</td></tr><tr><td>Toilet wall</td><td>300x600 gloss finish five layers of porcelain tiles.</td></tr><tr><td>Rest room / Pantry floor</td><td>Non slip semi gloss finish 300x300 porcelain tiles.</td></tr><tr><td>Rest room / Pantry wall</td><td>Gloss finish 300x600 porcelain tiles to the height of 450mm above the pantry top.</td></tr><tr><td>Skirting</td><td>125 mm high skirting of the same floor material of the area either tile or cement</td></tr><tr><td>Outside paving around the building</td><td>Smooth cement rendering with a slope to the drain</td></tr></table>	FINISHING SCHEDULE		External walls	Two coats of weather shield paint on 200mm block wall with two-way plaster method to achieve a semi rough even finish.	Internal walls	Two coats of emulsion paint on neat fillers on plastered block	Roof	0.47 mm thick Zn/Al roofing sheets with a heat resistant layer, laid to a pitch of 15 degrees on steel frame to be painted with two coats of anticorrosive Zinc Phosphate paint and one coat of enamel paint.	Roof cladding	Zn/Al roof cladding with heat resistant lining	Internal ceiling	Plaster board/gypsum ceiling on 600x600 Aluminium framework with no exposed joints.	Internal slab soffit	Two coats of emulsion paint on neat fillers on plastered block wall.	External flat ceiling	Water resistant calcium silicate ceiling board fixed on to the underside of the roof truss.	Eave ceiling	White colour 6mm thick aluminium composite cladding (outdoor type) sheet flat ceiling supported with steel sections fixed on to the underside of the roof truss.	Flat roof	All external R.C.C. slabs and internal toilets to be waterproofed by professional waterproofing contractors.	Floor	Anti slip epoxy self-levelling screed.	Toilet floor	Non slip matt finish 300x600 porcelain tiles.	Toilet wall	300x600 gloss finish five layers of porcelain tiles.	Rest room / Pantry floor	Non slip semi gloss finish 300x300 porcelain tiles.	Rest room / Pantry wall	Gloss finish 300x600 porcelain tiles to the height of 450mm above the pantry top.	Skirting	125 mm high skirting of the same floor material of the area either tile or cement	Outside paving around the building	Smooth cement rendering with a slope to the drain	The specified finishing schedule shall be considered the minimum requirement. Any proposed alternative or modification shall be subject to the Engineer's approval.
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		<p>1、 For the interior of the pump room, inorganic coating is generally sufficient. Is two coats of latex paint required for the interior? This will provide a higher finishing standard.</p> <p>2、 The roof adopts lightweight steel roofing. Is reinforced concrete roof required?</p> <p>3、 The ceiling is 600×600 gypsum board suspended ceiling. Shall we change it to an inorganic coating ceiling?</p> <p>4、 Is it necessary to adopt anti-slip epoxy self-levelling screed for the pump room?</p> <p>Is it necessary to use double glazing for the doors and windows?</p>	
21	Volume 2A-Employer's Requirements (page 32) L1-2.3.6.4 Power Distribution Arrangement	<p>Power will be received from medium voltage distribution network of the supply authority</p> <p>Does the investment scope of this project cover the external power supply works for each pumping station?</p>	Yes, the scope of this contract shall cover the external power supply works for each pumping station.
22	L2-2.3.8 Modifications to SCADA System at Patenga Pump Station	<p>The SCADA System at Patenga Pump Station shall be modified to incorporate the new pump control arrangement and integrate new equipment into the system so that fully automated operation is possible.</p> <p>We think only the SCADA system software for the Patenga Pumping Station is needed, without any hardware upgrade. Please confirm.</p>	The adequacy of the existing SCADA hardware and the extent of the required modifications shall be assessed and confirmed during the implementation stage by the Contractor, in consultation with CWASA and subject to the Engineer's approval. The Contractor shall ensure that the proposed modifications are sufficient to achieve fully automated operation in accordance with the project requirements.
23	Section IV Proposal Forms Page- 147	In the Form CCC there is A term used "Average monthly invoicing over last six months (US\$/month)"	No.

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		Kindly clarify this weather we can consider "Average Monthly turnover" instead of "Average monthly invoicing over last six months (US\$/month)"	
24	Volume-2A Section VII — Employer's Requirements L1-2.4.1 Page-43-44	Clause h contains the following note: "It is expected to increase number of connections approximately by 6300 during the Contract Period." We kindly request the Employer to confirm whether the approximately 6,300 additional connections referenced in this note are included within the 22,457 connections set out in the aforementioned table. If they are not so included, please further confirm whether these new connections fall within the scope of the Works under this Contract.	The approximately 6,300 additional connections are not included in the 22,457 existing service connections shown in the table under L1-2.4.1.
25	Minutes of Pre-proposal Meeting Signed Clauses 27 and 28	Per Clauses 27 and 28 on Page 13 of Minutes of Pre-proposal Meeting Signed, the Owner's response clearly states that consumer water meters shall be installed by the CWSIP/G3 Contractor in accordance with the construction schedule. As water meter installation involves multiple works including riser piping, gate valves and connection fittings, to define the work boundary and avoid disputes at a later stage, we seek clarification on the exact scope of work: Is our tendered construction scope limited up to and including the gate valve? Are the connecting branch pipes downstream of the gate valve and the water meter itself excluded from our scope? Please provide clarification.	No. The scope of this Contract is not limited up to the gate valve. Only the supply and installation of the customer water meter itself shall be done by the CWSIP/G3 Contractor; W1-contractor will do all other works.
26	Addendum-1 Sl. No. 03	The Owner has removed the clauses relating to tax exemption. Our understanding is that no import duty exemption shall apply to all imported materials and equipment for this project. A bank guarantee corresponding	(1) Plant, Materials and equipment for the Permanent Works: no exemption applies. All customs duties, VAT and other taxes and levies shall be included in the Proposal price.

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		to the import duty amount may be submitted at the time of import. Customs duty and tax will be assessed and settled when such materials and equipment are re-exported. If they are not re-exported within six (6) months after project completion, the import shall be treated as permanent import and full import duty and tax shall be payable. Kindly confirm whether our understanding is correct.	(2) Notwithstanding the provisions of subparagraph (b), Contractor's Equipment, including essential spare parts therefore, imported by the Contractor for the sole purpose of executing the Contract shall be temporarily exempt from the payment of import duties and taxes upon initial importation, provided the Contractor shall post with the customs authorities at the port of entry an approved export bond or bank guarantee, valid until the Time for Completion plus six months, in an amount equal to the full import duties and taxes which would be payable on the assessed imported value of such Contractor's Equipment and spare parts, and callable in the event the Contractor's Equipment is not exported from the Country on completion of the Contract. A copy of the bond or bank guarantee endorsed by the customs authorities shall be provided by the Contractor to the Employer upon the importation of individual items of Contractor's Equipment and spare parts. Upon export of individual items of Contractor's Equipment or spare parts, or upon the completion of the Contract, the Contractor shall prepare, for approval by the customs authorities, an assessment of the residual value of the Contractor's Equipment and spare part to be exported, based on the depreciation scale (s) and other criteria used by the customs authorities for such purposes under the provisions of the applicable Laws. Import duties and taxes shall be due and payable to the customs authorities by the Contractor on (a) the difference between the initial imported value and the residual value of the Contractor's Equipment and spare parts to exported; and (b) on the initial imported value of the Contractor's Equipment and spare parts remaining in the Country after completion of the Contract. Upon payment of such dues within 28 days of being invoiced, the bond or bank



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			guarantee shall be reduced or released accordingly; otherwise the security shall be called in the full amount remaining.
27	Section III & Evaluation Qualification Criteria: A-1.1.4 Experience 4.2 (a) Option 2 b) Page-52-53	b) Establishment and Implementation of DMAs, which includes minimum of 20,000 Nos. Customer Connection replacements using HDPE Pipes & Fittings, conducting repair, control, and maintenance works ² and Active Water Leak Reduction Activities which has effectively lower the Non Revenue Water more than 50% from the baseline with minimum value of USD 10 million. The current requirement combines multiple high-volume technical deliverables (20,000 HDPE connections and >50% NRW reduction) into a single contract with a high monetary threshold. Restricting acceptable experience to a single contract that meets all these parameters simultaneously significantly limits the pool of qualified international and local bidders. To encourage maximum bidder participation while ensuring high execution quality, we respectfully request the Employer to reduce the required number of house connections to 10,000 Nos.	The provision of the RFP document shall remain unchanged.
28	Section IV- Proposal Forms Proposed Subcontractor Page-137	Kindly clarify whether we need to attach a Subcontracting Agreement for each particular Subcontractor we want to propose, or whether it is enough to provide the name of the subcontractor in the "Proposed Subcontractor" section and attach the required forms.	A signed subcontract agreement is not required to be submitted with the Proposal. The Proposer shall list each proposed subcontractor against the activity/sub-activity in the Form "Proposed Subcontractors" (Section IV) and provide complete details of the subcontractors and their qualifications as required under ITP 17.4(b), within the maximum subcontracting limit of 30% of the total contract amount. Where the experience of a Specialized Subcontractor is used to meet the qualification requirements (ITP 17.5), the Proposer shall also submit the relevant forms for that Specialized

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			Subcontractor, including Form EXP-4.2(a) with supporting completion/performance certificates, Form CON-3 (ES Performance Declaration) and Form CON-4 (SEA/SH Declaration), together with evidence of the Specialized Subcontractor's commitment to participate in the Contract (e.g. letter of intent/commitment). All proposed subcontractors shall meet the eligibility requirements of ITP 4.

 28.10.2016

(Md. Rejaul Ahsan Chowdhury)
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Email: rejaulahsan87@gmail.com

Copy:

- 1) Deputy Managing Director (Engineering), Chattogram WASA, Chattogram.
- 2) Chief Engineer, Chattogram WASA, Chattogram.
- 3) System Analyst, Chattogram WASA (with request to publish the 2nd Set of Clarifications/Queries and Responses of CWASA for Package-CWSIP/W1 at the CWASA website).
- 4) P.A to Managing Director, Chattogram WASA, Chattogram (for kind information to Managing Director, Chattogram WASA).
- 5) To all bidders/Proposers, Package CWSIP/W1-Design, Construction, Supply, Installation, Testing & Commissioning for System Improvement and DMA Formation of Lot 1: Mohara Water Supply System; Lot 2: Modunaghat and Kalurghat Water Supply System.