

Phone : +8802-9562878
Fax : +880-2-9563591
Mobile : +88-01730013947
E-mail: pd@urprajuk.com
helalyrajuk@yahoo.com
www.rajukdhaka.gov.bd



Project Implementation Unit (PIU)
Urban Resilience Project: RAJUK Part
RAJUK Commercial Complex cum Car
Parking Building (8th - 9th Floor),
Gulshan - 1, Dhaka-1212

Rajdhani Unnayan Kartripakkha (RAJUK)

Minutes of Pre-Bid Meeting

Subject: Pre-Bid Meeting for Invitation of Bids for Package No.: URP/RAJUK/W-1 “Construction of 10 Storied plus 2 Basements Office Building with Research, Training and Testing Laboratory Facilities for Urban Resilience Unit, RAJUK”

Date & Time: 10.00 AM local time (GMT+6 hrs.) on November 25, 2019

Venue: Office of the Project Director, Urban Resilience Project: RAJUK Part, RAJUK Commercial Complex cum Car Parking Building (9th Floor), Road No. 17, 19, 20, Gulshan-1, Dhaka-1212, Bangladesh

Meeting Paper; Distributed to the Participants during the Meeting: Annex-A

Attendance from Bidder Side: Annex-B

At the out-set of the meeting, the Project Director of Urban Resilience Project: RAJUK Part welcomed all the bidders who participated in the meeting. The Project Director briefly described the context of the meeting and requested the Deputy Project Director and Procurement Specialist of URP: RAJUK Part to discuss the technical issues of the Bids.

The DPD of the Project discussed about the background of invited bid. Then 3 animation videos of the proposed building were presented through Presentation Screen in the meeting. After the presentation Procurement Specialist of the project started to discuss on the major issues of the requirements of the bids, eligible and qualifications criteria. Section III and VI of the Bid Documents elaborately discussed, Fraud & Corruption issues was also discussed and made the bidders awareness. Then the floor was opened to receive questions from the bidders.

Based on the queries received from the participated Bidders and subsequent briefings by the technical personnel(s) of the Procuring Entity on the pre-disclosed agenda (documents comprising of the Bid, eligibility & qualification criteria of the bidder, payment terms & conditions, observations of Bidder(s), General & Particular Specifications and Design & Drawings) of the Pre-bid meeting, the clarifications are given in a tabular as below:

SN	Ref. Page	Points to be Clarified	Clarification/Reply
1.	Section IV. Bidding Forms (Page#90; of Bid Document)	a) For JV, is it allowable to submit the bid security in the name of one or more JV Partner(s)? b) If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, is it allowable to submit the bid security in the name of proposed JV name?	a) According to ITB Clause No. 19.8, <i>the bid security of a JV shall be in the name of the JV that submits the bid.</i> b) According to ITB Clause No. 19.8, <i>If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, the bid security shall be in the names of all future members as named in the letter of intent.</i> <i>So, for not adhering the instruction of (a) or (b) will be a cause of non-responsive bid.</i>

SN	Ref. Page	Points to be Clarified	Clarification/Reply
2.	Section III. Evaluation and Qualification Criteria (Page#39; of Bid Document)	Under Paragraph (iii) of 3.1 Financial Capabilities, a requirement has asked for: <i>immediate last 5 (Five) years audited financial statement.</i> Clarification regarding the term 'immediate'.	Immediate mean – date will count backward from the date 'within 12 months from the bid submission date'. Please refer to the Foot Note 12 of Page No. 81 under Section IV. Bidding Forms, According to the referenced footnote, <i>'If the most recent set of financial statements is for a period earlier than 12 months from the date of bid, the reason for this should be justified'</i> .
3.	Section III. Evaluation and Qualification Criteria (Page#41; of Bid Document)	a) Under 4.2 (b) Specific Construction & Contract Management Experience, given criteria for experience: -Construction of RCC Slab Area: <i>minimum 10,000 sq. meter,</i> -Installation of 10,000 meter of piles Same page in Foot Note 10, an explanation has been given for the above criteria as: <i>'Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities).'</i> Clarification regarding the span of 'same time period' and 'annual production rate'. b) For a JV, when the requirement is allowed to comply by 'All Parties Combined', should the span of time period will be same or can be different for the partner(s)?	Same time period: Same time period for this case is <i>between 1st January 2009 and application submission deadline.</i> Annual production rate: In this package annual production rate is not applicable. Here the volume is applicable. So, during the period <i>1st January 2009 and application submission deadline the volume of work (Construction of RCC Slab Area: minimum 10,000 sq. meter, and Installation of 10,000 meter of piles)</i> key activity can be demonstrated in one or more contracts combined if executed during <i>1st January 2009 and application submission deadline.</i> b) In case of a JV, Partner's contract execution time can be different span, but must be <i>between 1st January 2009 and application submission deadline.</i>
4.	Section II: Bid Data Sheet (Clause No. ITB 20.1; Page#31; of Bid Document)	It has been mentioned that, <i>'the soft copy of the bid in any combination of MS Word/MS Excel/Adobe Acrobat formats must be submitted on a CD, DVD, or Flash Drive inside the envelope for paper based original bid'</i> .	Yes. It needs to be mentioned that according to Clause No. 20.1 of BDS, <i>'in case of any discrepancy between the paper based original bid and the soft copy, the paper based original bid shall prevail'</i> .



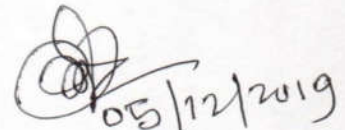
SN	Ref. Page	Points to be Clarified	Clarification/Reply
		Is there any requirement to submit the soft copy of 'Priced BOQ' in a MS Excel format?	
5.	Miscellaneous	If a single entity have purchased the bid document by his name, is it allowed for him to make a JV before submit the bid? Or, the JV need to purchase the bid document again?	A single entity, who have purchased the bid document by his name, It is allowed for him to make a JV to submit the bid.
6.	Miscellaneous	<p>a) The purchaser has been provided the monetary value for all the requirements (i.e. Experience, Financial Capabilities etc.) in USD currency. An evidence document mentioning other currency, is it allowed?</p> <p>b) In that case, what will be the conversion factor for other currency comparing USD, during evaluation?</p>	<p>a) An evidence document mentioning other currency is allowed. A conversion factor will be used to compare whether the value of other currency satisfy the value of USD equivalent.</p> <p>b) According to ITB Clause No. 32.1 of BDS, '<i>the currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in various currencies into a single currency is: Bangladesh Taka (BDT)</i>'. The source of exchange rate shall be: The selling exchange rate of Bangladesh Bank. The date for the exchange rate shall be: 30 December, 2019. In case of unavailability of the exchange rate on the specified date, the rate published on immediate next available date will be used.</p>
7.	Miscellaneous	According to Clause No. ITB 11.1(h) of BDS, EMF, EIA and SIA reports for the Project are available at RAJUK website. The address of weblink is required.	<p>The address of weblink is as follows: http://www.rajuk.gov.bd/site/view/commondoc/Project%20Guideline/Urban-Resilience-Project</p> <p>Bidders are requested to visit this site time to time to find any update regarding the invited bid.</p>
8.	Section II: Bid Data Sheet (Clause No. ITB 7.1; Page#31; of Bid Document)	Upto which period bidders are allowed to provide clarification?	<p>According to ITB Clause No. 7.1, "<i>the Employer will respond in writing to any request for clarification, provided that such request is received no later than fourteen (14) days prior to the deadline for submission of bids</i>".</p> <p>So, bidders are requested to provide clarification accordingly.</p>
9.	Section IX. Particular Conditions (PC) (Page#238; of Bid Document)	According to the Sub-Clause 1.1.3.3, time for completion is 18 months for whole of the works according to Contract Data. Is pre-construction works such as mobilization and site preparation included in 18 months?	<p>According to the Sub-Clause 1.1.3.3 of GC, "<i>Time for Completion</i>" means the time for completing the Works or a Section (as the case may be) under Sub-Clause 8.2 [Time for Completion], as stated in the Contract Data (with any extension under Sub-Clause 8.4 [Extension of Time for Completion]), calculated from the Commencement Date".</p> <p>And, according to the Sub-Clause 8.1 of GC, "<i>The Contractor shall commence the execution</i></p>



SN	Ref. Page	Points to be Clarified	Clarification/Reply
			<p><i>of the Works as soon as is reasonably practicable after the Commencement Date, and shall then proceed with the Works with due expedition and without delay”.</i></p> <p>Pre-construction works such as mobilization and site preparation should be start after Commencement Date. So, the mentioned works are included within 18 months.</p>
10.	Bill of Quantities, General & Particular Specifications and Design & Drawings (Volume 2/4, 3/4 & 4/4 of Bid Document)	During open discussion on BOQ, General & Particular Specifications and Design & Drawings of works, participants provided some observations, comments on those documents, which were fully related to technical issues.	As the requirement from bidder side is fully technical, so it was agreed that purchaser will only take the requirement from meeting, but it's acceptance or rejection will not be declared during the meeting. After analyzing the proposed requirement by concerned design Consultant of the building and any change accepted from World Bank side, the proposed change/modification will be confirmed by an Amendment of Bid Document. After getting “No Objection” on the proposed Amendment by World Bank, it will be issued to the Bidder. The issued Amendment will be considered as the part of Bid Document.

At the end it was discussed in the meeting that, the bidders can submit any more queries related to Pre-bid Meeting discussion by written format to the Purchaser's e-Mail address (helalyrajuk@yahoo.com) within 26.11.2019 (BD Time), which would be addressed in Pre-bid Meeting Minutes.

Since there were no other issues to discuss, the Project Director concluded the meeting with thanks to all the participants.



Abdul Latif Helaly
Project Director

Urban Resilience Project: RAJUK Part
and Chief Engineer (Implementation), RAJUK

Rajdhani Unnayan Kartripakkha (RAJUK)

Urban Resilience Project: RAJUK Part

Country: Bangladesh

IDA Credit: 55990

Pre-Bid Meeting

Pre-Bid Meeting for Package No.: URP/RAJUK/W-1

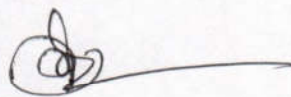
Package Name: Construction of 10 Storied plus 2 Basements Office Building with Research, Training and Testing Laboratory Facilities for Urban Resilience Unit, RAJUK

Date & Time: 10.00 AM local time (GMT+6 hrs.) on November 25, 2019

Venue: Office of the Project Director, Urban Resilience Project: RAJUK Part, RAJUK Commercial Complex cum Car Parking Building (9th Floor), Road No. 17, 19, 20, Gulshan-1, Dhaka-1212, Bangladesh

Agenda of the Meeting:

- 1) Background of the Invited Bids.
- 2) Discussion on Documents Comprising the Bid.
- 3) Discussion on Bidders' Eligibility & Qualification Criteria.
- 4) Payment Terms & Conditions.
- 5) Observation from Bidders' on Bid Document & IFB Notice.
- 6) Discussion on General & Particular Specifications, Design & Drawings of Works.



Documents Comprising the Bid

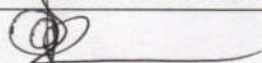
(ITB Clause No. 11; Page#10-11 of Bid Document)

(Supporting papers to find out the Eligibility and Qualification)

Package No: URP/RAJUK/W-1

Package Name: Construction of 10 Storied plus 2 Basements Office Building with Research, Training and Testing Laboratory Facilities for Urban Resilience Unit, RAJUK

SN	Documents establishing Eligibility and Qualification Criteria	
1.	<p>Eligibility Criteria and Documents establishing Eligibility of the Bidder</p>	<p><i>Letter of Bid and Appendix to Bid (i.e. Table C. Summary of Payment Currencies in Section IV. Bidding Forms), in accordance with ITB Clause No. 12, Completed Schedules as required, including Priced Bill of Quantities, in accordance with ITB Clause No. 12 and 14 (Shall be prepared using the relevant forms furnished in Section IV. Bidding Forms), Bid Security (ITB Clause No. 19.1-19.9), Written confirmation (POWER OF ATTORNEY) authorizing the signatory of the bid to commit the Bidder, in accordance with ITB 20.2</i></p> <p><i>Power of Attorney</i> to sign the bid with supporting document that the person signing the Power of Attorney has the authority to delegate his/her authority to other person (for example, constitutional document or board resolution).</p> <p>In case the bidder authorizes a person who is not the payroll employee of the bidder, the bidder and the authorized person must have an Agent Agreement with specific roles and responsibilities with respect to this procurement.</p> <p>The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.2. All blank spaces shall be filled in with the information requested.</p> <p>Technical Proposal in accordance with ITB Clause No. 16 (<i>Section IV. Bidding Forms</i>)</p> <ul style="list-style-type: none"> ➤ Site Organization ➤ Method Statement ➤ Mobilization Schedule ➤ Construction Schedule ➤ Quality Assurance Plan (QAP) ➤ Environmental Management Strategies and Implementation Plans <ul style="list-style-type: none"> ○ Environmental, Social, Health and Safety (ESHS) Plan ○ Management Strategies and Implementation Plans (MSIP) to manage the (ESHS) Risks ➤ Code of Conduct (ESHS) ➤ Equipment Deployment Schedule (<i>Form EQU: Equipment</i>) ➤ Key Personnel Deployment Schedule – For each Personnel (<i>Form PER-1 & PER-2</i>) <p>Joint Venture Agreement/Letter of Intent with a copy of the proposed Agreement (<i>if bids submitted by a JV</i>), in accordance with ITB Clause No. 11.2</p>
<p>Qualification Criteria</p> <p>The Bidder's qualifications to perform the Contract if its Bid is accepted</p>		
1.	<p>Financial Situation and Performance</p>	<p>Financial Capabilities: (i) The Bidder shall demonstrate that it has access to, or has available, liquid assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as USD \$ 2.4 Million (Two point Four Million US Dollar) for the subject contract(s) net of the Bidders other commitments.</p> <p>(ii) The Bidders shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.</p>



SN	Documents establishing Eligibility and Qualification Criteria	
		<p>(iii) The audited financial statement (income, asset and cashflow statement) or, if not required by the laws of the Bidder's country, other financial statements acceptable to the Employer, for the immediate <i>last 5 (Five) years</i> shall be submitted and must demonstrate the current soundness of the Bidder's financial position and indicate its prospective long-term profitability. (<i>Section IV: Bidding Forms</i>).</p> <p><u>Average Annual Construction Turnover</u>: Minimum average annual construction turnover of <i>USD \$ 15.0 Million (fifteen Million US Dollar)</i>, calculated as total certified payments received for contracts in progress and/or completed in the <i>best 3 (Three) years in last 5 (Five) years</i>, divided by <i>3 (Three) years</i>.</p>
2.	Experience	<p><u>General Construction Experience</u>: Experience under construction contracts in the role of prime contractor, JV member, sub-contractor, or management contractor for <i>at least the last 10 (Ten) years, starting 1st January 2009</i></p> <p><u>Specific Construction & Contract Management Experience</u>: (i) A minimum number of similar¹ contracts specified below that have been satisfactorily completed as a prime contractor, joint venture member², management contractor or sub-contractor <i>between 1st January 2009 and application submission deadline</i>:</p> <p>a) <i>Minimum 2 (Two) numbers of Commercial Building Construction (at least 10 storied plus 2 basements) for which total value of contracts shall not be less than USD \$ 15.0 Million (Fifteen Million US Dollar) and minimum value for at least 1 (One) contract shall be USD \$ 10.0 Million (Ten Million US Dollar), Or</i></p> <p>b) <i>Minimum 1 (One) number of Commercial Building Construction (at least 10 storied plus 2 basements). The minimum value of contract shall be USD \$ 15.0 Million (Fifteen Million US Dollar).</i></p> <p><i>The similarity of the contract(s) shall be based on the following: Commercial Building/Official Building Construction having Structural Steel as the major structural elements.</i></p> <p><i>Specialized sub-contractor is permitted.</i></p> <p>For the above and any other contracts completed and under implementation as prime contractor, joint venture member, management contractor or sub-contractor³ on or after the first day of the calendar year during the period stipulated in 4.2 (a) above, a minimum construction experience in the following key activities successfully completed⁴:</p> <p>a) <i>Construction of RCC Slab Area: minimum 10,000 sq. meter,</i></p> <p>b) <i>Installation of 10,000 meter of piles</i></p>

In addition to the original of the bid, the number of copies is: **1 (One) hard copy and 1 (one) soft copy.**

The soft copy of the bid in any combination of MS Word/MS Excel/Adobe Acrobat formats must be submitted on a CD, DVD, or Flash Drive inside the envelope for paper based original bid.

In case of any discrepancy between the paper based original bid and the soft copy, the paper based original bid shall prevail.

N.B: Issues need to be consider during Price Quote: ITB 14.5, ITB 15.1, ITB 18.1, ITB 18.3(a), ITB 32.1, ITB 33.1, ITB 42.1 & 42.2 of BDS (*Section II: Bid Data Sheet*), Bill of Quantities (*Volume 2/4 of Bidding Document*) (*Section IV: Bidding Forms*), GCC 1.1.3.3, GCC 1.1.5.6, GCC 4.2, GCC 8.7 & 14.15(b), GCC 8.7, GCC 13.5(b)(ii), GCC 13.8, GCC 14.2, GCC 14.2(b), GCC 14.3, GCC 17.6, GCC 18.1, GCC 18.2(d), GCC 18.3 of PC (*Section IX: Particular Conditions*), General & Particular Specifications (*Volume 3/4 of Bidding Document*), Drawings (*Volume 4/4 of Bidding Document*).

¹ The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VII, Work's Requirements. Summation of number of small value contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.

² For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet this requirement.

³ For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share shall be counted to meet this requirement.

⁴ Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities).

Phone : +8802-9562878
 Fax : +880-2-9563591
 Mobile : +88-01730013947
 E-mail: pd@urprajuk.com
 helalyrajuk@yahoo.com
 www.rajukdhaka.gov.bd



Project Implementation Unit (PIU)

Urban Resilience Project: RAJUK Part
 RAJUK Commercial Complex cum Car
 Parking Building (8th - 9th Floor),
 Gulshan- 1, Dhaka-1212

Rajdhani Unnayan Kartripakkha (RAJUK)


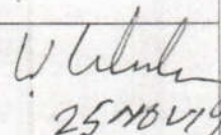
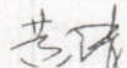


Pre-Bid Meeting Attendance

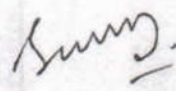
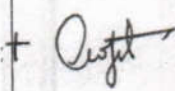
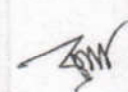
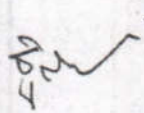
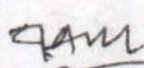
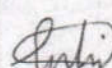
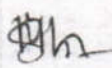

Subject: Pre-Bid Meeting for Invitation of Bids for Package No.: URP/RAJUK/W-1
 "Construction of 10 Storied plus 2 Basements Office Building with Research,
 Training and Testing Laboratory Facilities for Urban Resilience Unit, RAJUK"

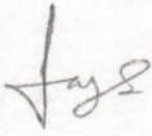
Date & Time: 10.00 AM local time (GMT+6 hrs.) on November 25, 2019

Venue: Office of the Project Director, Urban Resilience Project: RAJUK Part, RAJUK
 Commercial Complex cum Car Parking Building (9th Floor), Road No. 17, 19, 20,
 Gulshan-1, Dhaka-1212, Bangladesh

SN	Participant's Name, Designation & Name of the Firm for Participate	Phone & E-mail Address	Signature
1.	Leo Sheorjian, Marketing Manager, CSLEC		
2.	Abdullah Al Tutu, Asst. Engineer (Tome Construction S (P) LTD)		
3.	Mr. Masrurul Islam (Sanku) SINEC LTD. (Asst. Manager)		 sinec.com
4.	Engr. Md. Giash Uddin ASIM Bangladesh Building Systems Ltd.		

SN	Participant's Name, Designation & Name of the Firm for Participate	Phone & E-mail Address	Signature
5.	Li Bo, General Manager, Bangladesh Branch. Shaanxi Water Resources and Hydropower Engineer Group Co., LTD.		
6.	Mr. G. Sarower DPC Group Director		@gmail.com
7.	AI HASOUN ARIBIAN GROUP M.D FARUK TALUKDER		@gmail.com @gmail.com
8.	Engr. Md. Golam Kibria Schowdhury Samwan & MAZIDSONS JV		 25 NOV 19
9.	power construction Corporation of china. Huang jing. - Authority Repres.		mail.com 
10.	Alook Ref Co. Ltd		
11.	Galib Ahmed Chowdhury EPIC International Inc.		
12.	Mahabub Sultan CFMCC Manager		Sultan

SN	Participant's Name, Designation & Name of the Firm for Participate	Phone & E-mail Address	Signature
13.	SAIDUR RAHMAN Office Engineer. MIR AKHTER HOSSAIN LTD		
14.	Ovijet Das. Office Engineer. Mir Akhter Hossain Ltd.		
15.	Kazi Shirajul Islam CEO VENS Inc		
16.	Thitinan Pampila PM ITD		 mail.com
17.	Gazi Imam Al Mehedi CFMCC		
18.	Farhadul Islam PE VENS Incorporation		
19.	Md. Shahadath Hossain		
20.	Md. Ashikur Rahman BBS LTD.		

SN	Participant's Name, Designation & Name of the Firm for Participate	Phone & E-mail Address	Signature
21.	Engr. Sajeed Raza LFM LLC		
22.			
23.			
24.			
25.			
26.			
27.			
28.			

Clarification / Reply of questionaries' of Pre-Bid meeting held on 25/11/2019

Sl. No.	Questionaries'/ Queries	Clarification/ Reply
a	Does the owner provide land for the engineer's office and laboratory?	Yes
b	In the item 7 of BOQ, equipment unit is set, could you provide equipment details?	Name & quantity of the equipment is already provided in same item of BoQ
c	In the item 74 of BOQ, the mortar thickness is not mentioned	Usually mortar thickness is 20mm
d	In the item 76 of BOQ, the glazed wall tiles size is not mentioned	Size: 300mm x 600mm
e	In the item 77 & 78 of BOQ, the uni-block size is not mentioned	Thickness & area is provided in BoQ; usually size is 300mm x 300mm
f	Is import of brand items from, America, Japan or their production plant in china allowed	Please follow the specification

Ref. No.	Section of Tender Documents	Query/Request for Clarification/Suggestion for Consideration	Clarification/ Reply
1.	(Volume-4) Architectural Structural + MEP Design+(W-1)	With reference to the design drawings of the concerning tender documents, there are no editable CAD drawings, please kindly confirmed if the editable CAD drawings (soft copy) to be provided?	No
2.	(Volume-4) Package NO.S2.101 , S1.No-01	It was mentioned that pile layout & structure details with floor plan, but in the drawing S2.101, the detail information pile diameter and concerning depth was not found. Please confirm it.	Please see sheet no. S2.505; (a) Type A pile dia = 1,500mm & length = 40m and (b) Type B pile dia = 900mm & length = 40m



Volume -2/4 Bill of Quantity	It mentioned that “supplying wooden ballah having an average diameter not less than 150mm (with out barks) at one third distance from large end with a minimum end diameter of 100 mm for retaining purpose and driving to a depth as per design and drawing by any method including all arrangement for staging, hoisting, carrying etc. complete and accepted by the engineer.” is any design or the soil investigation report to be provided to bidder for necessary reference?	Please follow BoQ
------------------------------	--	-------------------

Sl. No.	Tender Clause No.	Description	Bidder's Queries	Employer's Reply
1.	(Volume-3) General & Particular Specification (W-1), MEP/P-21 Riser diagram of cold water supply system, MEP/M-22/FP Fire protection system.	Plumbing	Could you please verify and provide that the missing items detailed information	Please follow BoQ
2.	(Volume-3) General & particular specification (W-1),	Plumbing	Could you please clarify and provide detailed information for trench channel?	Please follow BoQ
3.	MEP/P-21 Riser diagram of cold water supply system	Plumbing	Could you please clarify and provide volume and material type of water tank on the roll?	Please follow BoQ
4.	MEP/M-22/FP Fire protection system.	Fire	What kind of fire protection system is demanded in CCTV / Telecom room and fire control room?	Extinguisher CO2 will be provided (Please see Item No. 288 of BoQ)
5.	(Volume-3) General & particular specification (W-1)	Mechanical	Could you please clarify and provide mechanical specs for exhaust fan?	EPS for all fans will be as per manufacturers' standard
6.	(Volume-3) General & particular specification (W-1)	Mechanical	Could you please clarify and provide any special air filter on fans, VRF indoor units or etc?	Will be inbuilt with indoor units
7.	Design Management	Design Management	The project construction project according to” (Volume -1) bidding document (ICB) W-1; 06.11.2019 issued to the	Consultant is responsible for design & Consultant will issue design “Good



			bidder” But it is mentioned that “this drawing is not for construction “in all drawings, Who is the responsible for redesign or final?	for Construction” before commencement of works.
8.	S2.601, S2.505	Structural	Please give the length and diameter of the pile and caisson?	Please see sheet no. S2.505; (a) Type A pile dia = 1,500mm & length = 40m; (b) Type B pile dia = 900mm & length = 40m; (c) Pile dia = 1,000mm & length = 25,000 mm and (d) Base excavation depth = 8,000mm
9.	Geotechnical Report	Structural	We need the Geotechnical Report to finalizing the foundation design. please give the Geotechnical Report	Please follow BoQ
10.	S2.601	Structural	According to detail 3/S.601 drawing, the pile and caisson length is 25 mt. but the foundation and shore pile bracing will be designed by the contractor in accordance with the detail 2/S2.601 note which information should we use for foundation calculation ?	The pile length is estimated at 25m but will be determined by the pile test shown on Drawing S603, where end fixity of the pile will be determined and hence the length defined.
11.	S101-S301	Structural	Where will we use S101-S301 a drawing that’s building is not in the scope of the work?	Please follow the BoQ
12.	S2.514	Structural	According to detail 5/S2.514, column is cast in place concrete with 600x600 dimension for B2 thru ground floor. Could you please give the column dimensions and materials for other levels?	Columns from ground to upper floor will be “Hollow Structural Sections (HSS”
13.	S2.601, S2.101	Structural	According to S2.601, S2.101 caisson and pile cap will be overlapped. We must offset the caisson line with min pile cap width length. Please clarify the caisson final	Pile cap to be within the caisson area

			location.	
14.	(Volume-1) Bidding Document (ICB) W-1_06.11.2019 Issued to the Bidder/part A- Contract Data-1.1.3.3	planning	Time for completion is 18 months for hole of work according to contract data. Is pre-construction works such as mobilization and site preparation included in 18 month?	Yes
15.	(Volume-2) Bill of Quantities of URU Building (W-1) Soft Copy (Excel File)		There is lot of missing items in BoQ which are mentioned in specifications and drawings as indicated below list-1 How can we price missing items? Can we add missing items to the BOQ?	Please follow BoQ only for price quotations
16.	(Volume-2) Bill of Quantities of URU Building (W-1) Soft Copy (Excel File)	BOQ items	We can not see some BOQ items is the drawing as given below list-2. Do we remove the BOQ items that Can't be found in drawings and specifications?	No items in BoQ will be added or removed & Please follow BoQ

List-1 (No items in BoQ will be added or removed & Please follow BoQ)

***Architectural Items**

Row level	Part no.	Item No	Description of items	Application	Drawing
Item	Part-B: Civil Works	N/A	T125 XPS (Ins-1)	Floor & Wall	A0.501-A0.203
Item	Part-B: Civil Works	N/A	T50 Glasswool (Ins-2)	Floor & Wall	A0.501-A0.203
Item	Part-B: Civil Works	N/A	Penetrating Waterproofing (WP-1)	Floor & Wall	A0.601-A0.604
Item	Part-B: Civil Works	N/A	Liquid waterproofing (WP-2)	Floor & Wall	A0.601-A0.604
Item	Part-B: Civil Works	N/A	Elastic waterproofing (WP-3)	Floor & Wall	A0.601-A0.604
Item	Part-B: Civil Works	N/A	Composite waterproof (Non-exposure) (WP-5)	Floor	A0.601-A0.604
Item	Part-B: Civil Works	N/A	Polyrea Waterproof (WP-6)	Floor & Wall	A0.601-A0.604
Item	Part-B: Civil Works	N/A	Root resistant Waterproof (WP-7)	Floor & Wall	A0.601-A0.604
Item	Part-B: Civil Works	N/A	Concrete panel (CP-1)	Exterior wall	A3.001-A3.004

Item	Part-B: Civil Works	N/A	Exposed Concrete (EC-1)	Exterior wall	A3.001-A3.004
Item	Part-B: Civil Works	N/A	T12 Mineral Wool Sound Tex- (CE-2)	Ceiling	A6.001-A6.008
Item	Part-B: Civil Works	N/A	T0.8 Al Ceiling (CE-4) (1200x1200)	Ceiling	A6.001-A6.008
Item	Part-B: Civil Works	N/A	PVC Ceiling (CE-5)	Ceiling	A6.001-A6.008
Item	Part-B: Civil Works	N/A	T10 Spray Coating (S.C)	Ceiling	A6.001-A6.008
Item	Part-B: Civil Works	N/A	Wood Flooring (WF)	Ceiling	A6.001-A6.008
Item	Part-B: Civil Works	N/A	T3 Conductive tile (CT-1)	Finishes	A9.001-A9.108
Item	Part-B: Civil Works	N/A	T0.3 Epoxy Coating (FAF-1)	Finishes	A9.001-A9.108
Item	Part-B: Civil Works	N/A	T3 Epoxy Lining (FAF-2)	Finishes	A9.001-A9.108
Item	Part-B: Civil Works	N/A	T95 OA Floor (OF-1)	Finishes	A9.001-A9.108
Item	Part-B: Civil Works	N/A	T95 OA Floor (OF-1)	Finishes	A9.001-A9.108
Item	Part-B: Civil Works	N/A	T5 OA tile (OT-1)	Finishes	A9.001-A9.108
Item	Part-B: Civil Works	N/A	Tar Epoxy paint (PA-6)	Finishes	A9.001-A9.108
Item	Part-B: Civil Works	N/A	Penetrating Surface (CT-1)	Finishes	A9.001-A9.108

***Mechanical Items (No items in BoQ will be added or removed & Please follow BoQ)**

System	Item No	Description of Items
Plumbing	1	Roof Floor Water tank (Volume: Unknown)
Plumbing	2	Pump ((30 m3/h, 3 bar) for rain water tank
Plumbing	3	Sand filter for rain water tank
Plumbing	4	Float valve for potable water tank
Plumbing	5	Submersible drainage pump (for sump pit in B2 floor)
Plumbing	6	Cold water booster pump
Plumbing	7	Pressure tank for booster (500 liter,>7,8 bar)
Plumbing	8	Waste Water Treatment plant
Plumbing	9	Reverse Osmosis
Plumbing	10	Trench Drain
Plumbing	11	Heat Pump Water Heater
Plumbing	12	Hot Water Storage Tank

Plumbing	13	Hot Water Return pump (120 Oc,16 bar)
Plumbing	14	Cowel 4"
Plumbing	15	Cowel 2"
HVAC	16	Air Flow: 8000 cfm
HVAC	17	VRF Indoor Unit (Total Cooling Capacity: 28 KW)
HVAC	18	VRF Indoor Unit (Total Cooling Capacity: 12,5 KW)
HVAC	19	Fan for Boiler room (10.000m3/h)
HVAC	20	Fan for Substation & Generator room (5000m3/h)
Fire Protection	21	4way FDC

List-2 (No items in BoQ will be added or removed & Please follow BoQ)

Sl. No	Row Level	Part No	Item No.	Description of items	Drawing
338	Item	Part-B: Civil Works	55	One layer of herring bone bond (HBB) brick soling in foundation or in floor with first class or picked jhama bricks	Please follow BoQ
404	Item	Part-B: Civil Works	69	38mm thick artificial patent stone (1:1.5:3)flooring with cement.	Please follow BoQ
407	Item	Part-B: Civil Works	72	Granite stone flooring with 20mm thick origin granite stone of approved quality	Please follow BoQ
409	Item	Part-B: Civil Works	74	Supplying, fitting and fixing of country made mirror polished homogeneous floor tiles	Please follow BoQ
423	Item	Part-B: Civil Works	75	Supplying, fitting and fixing of country made rustic or matt finished wall tiles	Please follow BoQ
442	Item	Part-B: Civil Works	82	Supplying, fitting and fixing of Aluminum fixed fan light	Please follow BoQ
443	Item	Part-B: Civil Works	83	Supplying, fitting and fixing of Aluminum sliding fly proof netting shutter	Please follow BoQ
476	Item	Part-B: Civil Works	110	Manufacturing, supplying ,fitting and fixing collapsible gate	Please follow BoQ
492	Item	Part-B: Civil Works	130	Supplying, fitting and fixing plain particle board ceiling	Please follow BoQ
18	Item	Part-B: Civil Works	10	Auger boring/rotary drilling for cast in situ pile	Please follow BoQ
19	Item	Part-B: Civil Works		(10.1)1000mm dia shore pile	Please follow BoQ
20	Item	Part-B: Civil Works		(10.2) 900 mm dia bored pile	Please follow BoQ
21	Item	Part-B: Civil Works		(10.3)1500mm dia bored pile	Please follow BoQ

 6