

Invitation to tender:
LED Displays
for FIVB Volleyball Nations League – HK 2018

Issued by:



香港排球總會
Volleyball Association of
Hong Kong, China

Introduction:

FIVB Volleyball Nations League – Hong Kong (VNLHK) is a new international sport event that will attract over 30,000 spectators and millions TV audience in Hong Kong and mainland China. The participation of China Women's Volleyball National Team and other national teams arrests a lot of local and overseas media and results in plenty of news report. The tournament will be held from 29 – 31 May (Tuesday to Thursday) at Hong Kong Coliseum with the participating national teams of Argentina, China, Italy and Japan.

Objective:

Volleyball Association of Hong Kong, China (VBAHK) would like to invite qualified suppliers to respond to this tender invitation for the LED Displays for the VNLHK 2018. This tender invitation sets out the requirements and the selection criteria to be used in the evaluation and provides information regarding how the tender process will be managed.

Specification of Indoor LED Displays at Hong Kong Coliseum (HKC)**(I) SPECIFICATIONS:****(A) Item**

Rental Services of Indoor LED Displays at HKC for VNLHK 2018, including rental and technicians standby services during the period from 23 May to 1 June 2018.

(B) Quantity Required

- (1) Setup and Dismantle services during the setup day on 23 May AND dismantle day on 1 June 2018
- (2) Rental services of Indoor LED Displays with all accessories at HKC for VNLHK - 2018
- (3) Technicians standby services during the period from 24 May to 31 May 2018

(C) General Requirements

Please refer to Annex A for detailed specifications for the indoor LED Displays at HKC.

Please refer to Annex B for tentative working schedules.

The supplier must confirm whether the item meets the requirements listed in

(I)(C) by filling in the Annex corresponding to the specific item.

(II) AWARD OF CONTRACT

This contract shall be awarded on an overall basis.

(III) QUOTATION

Quotation for the provision of LED displays should include:

- (1) All necessary costs of the supply, transportation, delivery, installation, certificates, insurance, testing and commissioning, standby of technicians, immediate repair and replacement, dismantling from the supplier at HKC;
- (2) The unloading and custodial of material at HKC;
- (3) Local taxes and customs charges;
- (4) The prices quoted should be on unit basis;
- (5) **Supplier shall submit together with their quotation offer the technical specification of the item required, product catalogue information, manufacturer's specifications, loading table and rigging plan for full and proper evaluation by quotation closing date 8 March 2018 at 1:00 p.m.; otherwise the quotation will not be considered.**
- (6) Suppliers are requested to submit their offers in the Contract Schedule at **Appendix 1**.

(IV) BASIS OF ACCEPTANCE

VBAHK is not bound to accept the lowest or any quotation and reserves the right to accept all or any part of any quotation at any time within the Quotation Validity Period. When more than one supplier offered the same price, opportunity will be given to these suppliers to submit second bid for the service.

(V) DELIVERY OF SERVICE:

- (1) Unless otherwise stated clearly by the contractor and accepted by VBAHK in writing, the price quoted must include supply, shipping, local transportation fee and initial assembly, installation and dismantle of the loaned item stipulated in the Specification of Annex A by the Delivery Location listed below.
- (2) Delivery Location: Hong Kong Coliseum,
9 Cheong Wan Road,
Hung Hom,
Kowloon.
- (3) Contact Person: Mr. Ronson CHAN (Tel: 2227 0688)
- (4) Time for Installation: Tentatively from 1801 to 2700 hours of 23 May 2018
Time for Dismantling/Removal: Tentatively from 0901 to 1800 hours on 1 June 2018

(VI) SUBMISSION OF QUOTATION

- (1) Service Providers are required to complete the following in the Quotation Documents:
 - (a) Contract Schedule (Appendix I) (Rates for the Rental Services)
 - (b) Specifications of Indoor LED Displays at Hong Kong Coliseum (Annex A)

(VII) REJECTION OF LOAN ITEMS

(1) The successful service provider is required to provide and maintain the LED Display Boards etc on a free loan basis and must meet all specifications listed in Annex A during the rental period. Any loan items found to be of sub-standard quality and/ or poor workmanship upon delivery, installation or testing will be rejected and the Contractor will be notified either verbal or in writing by the Government Representative. The Contractor shall replace all sub-standard units within (1) day from the date of notification.

(VIII) PRODUCT WARRANTY

The service provider shall guarantee all the Loan items supplied in Annex A against faulty workmanship, poor materials and defects for the period as specified in Annex A and repair due to manufacturing fault from the date of final acceptance of Goods by VBAHK. All materials, replacement parts, labour & transportation costs incurred during this period shall be borne by the supplier.

(IX) Estimated of Probable Requirement

The quantity of the provision of standby technician in the tentative working schedule (Annex B) is an estimate of probable requirement only, the finalized working schedule will be provided a week before the event.

(X) ENQUIRY

For enquiries, please contact Mr. Ronson CHAN at 2771 0688 or Ms. Kat CHAN at 2771 0293.

**Specifications of Indoor LED Displays at
Hong Kong Coliseum**

1 General

This specification is for the rental services of Indoor LED Displays at HKC for VNLHK 2018, including rental and technicians standby services at Hong Kong Coliseum.

Potential suppliers should indicate clause by clause whether the product offered complies fully with the specification.
ANY non-compliance should be fully detailed.

Comply / Not Comply

2 Scope of Work & Quantities

2.1	The scope of this project is for the Supply, Transportation, Delivery, Installation, Testing and Commissioning of four (4) Indoor Full Color LED Display Boards on rental basis tentatively from 23 May to 1 June 2018 in the Arena of Hong Kong Coliseum.	<u>Comply / Not Comply</u>
2.2	The contractor shall also include dismantling and move-out all rigging and system equipment after the competition period.	<u>Comply / Not Comply</u>
2.3.1	Plan A: The Contractor shall be responsible for assembly, rigging and mounting of all display panels in a center-hung configuration at the gondola of arena which the lowest point of the LED display from the ground is 15m .	<u>Comply / Not Comply</u>
2.3.2	Plan B: The Contractor shall be responsible for assembly, rigging and mounting of all display panels in a side (blue gate and yellow gate on row 24 or 31) configuration at the gondola of arena.	<u>Comply / Not Comply</u>
2.3.3	Plan C: The Contractor shall be responsible for floor stake of all display panels in 4 Corner (Section 40-79, 49-50, 59-60 and 69-70) at the top.	<u>Comply / Not Comply</u>
2.4	The contractor shall provide all rigging and mounting devices which are fabricated to meet the maximum safety standard applicable to other proprietary mounting products manufactured or recommended by the manufacturer.	<u>Comply / Not Comply</u>
2.5	The contractor shall provide all display controllers, video processor and associated equipment to integrate with the existing HKC scoreboard display engine that the text, graphics, video and sport event statistics can be shown on the LED displays.	<u>Comply / Not Comply</u>

2.6	The contractor shall be responsible for providing all the associated power supply and data cable, including the power supply from the Power Switchboard to the LED display boards. Also, the contractor shall submit Power Source Layout Plan 8 weeks before the commencement of the work and submit WR 1 certificate after the completion of installation work.	<u>Comply / Not Comply</u>
2.7	The contractor shall provide all final terminations for both electrical and data connections.	<u>Comply / Not Comply</u>
2.8	The Contractor shall appoint a Registered Surveyor to endorse design and supervise the fixing of the new LED displays and upon completion, to certify the installation is structurally safe and suitable for its intended purpose and meeting all structural requirements of this specification. The Contractor shall submit the certified structural design to Venue Management Section in 1 week after the award of tender.	<u>Comply / Not Comply</u>
2.9	Successful contractor shall help in testing all the supplied equipment after installation and demonstrate properly working of all functions to the satisfaction of the Venue Management. .	<u>Comply / Not Comply</u>
2.10	Award of this contract will be on overall basis, quotations with only partial offers of equipment will not be considered.	<u>Comply / Not Comply</u>
2.11	When submission of tender document, please submit Loading Table and Rigging Plan. Upon request, the contractor is necessary to submit surveyor certificate, WR1, payment certificate of the insurance, and any other document or certificates.	<u>Comply / Not Comply</u>
2.12	There is available power connection point with 32 amp 3 phases (4 sets) from the corner at catwalk level.	<u>Comply / Not Comply</u>
2.13	Alternatively, there are eight (8) available power connection points with 200 amp 3 phases inside power switch rooms at ground floor in Arena. However, No power cable is allowed to connect vertically from the Arena floor to the catwalk level. In case of any power cable is necessary to pass through any common areas, corridors, staircases or doors, protective measures are necessary throughout the paths to the satisfaction of the Venue Management.	<u>Comply / Not Comply</u>
2.14	The contractor shall provide all control panel equipment, including (i) ImagePRO-II two (2) sets, (ii) Barco Encore 3ME Video Processors two (2) sets, (iii) Barco Encore SC Controller, (iv) Cables, D.A & All accessories.	<u>Comply / Not Comply</u>
3	Rental Period	
3.1	Total Ten (10) days: From 23 May 2018 to 1 June 2018.	<u>Comply / Not Comply</u>

4	Schedule of Works:	
4.1	Delivery and Installation The contractor should note that move-in, set-up, rigging and testing of the system shall be completed on the same day, tentatively from 18:01 to 27:00 hours of 23 May 2018. Due to a very tight working schedule, sufficient manpower shall be provided if required. The exact time will be confirmed in early May 2018.	<u>Comply / Not Comply</u>
4.2	Standby Service The successful contractor shall provide standby experienced technicians and qualified electrician during testing, checking, rehearsals and competitions in case of any malfunction of the system. The standby schedule is subject to duration of work schedules and competition schedules. (Annex B)	<u>Comply / Not Comply</u>
4.3	Dismantle Service The successful contractor shall dismantle and move-out all rigging and system equipment tentatively from 0901 hours on 1 June 2018. All equipment must be completely move-out from HKC before 1800 hours on 1 June 2018. The exact time will be confirmed in late May 2018.	<u>Comply / Not Comply</u>
5	Technical specifications:	
5.1	LED Display Board	
5.1.1	Pixel configuration: RGB 3-in-1 SMD	<u>Comply / Not Comply</u>
5.1.2	Pixel pitch: ≤4mm	<u>Comply / Not Comply</u>
5.1.3	Display screen resolution: ≥1292 (W) x 748 (H)	<u>Comply / Not Comply</u>
5.1.4	Approximate wall size: ≥6000mm (W) x 4500mm (H)	<u>Comply / Not Comply</u>
5.1.5	Brightness: ≥1800 nits (cd/m ²)	<u>Comply / Not Comply</u>
5.1.6	Contrast ratio: ≥1000: 1	<u>Comply / Not Comply</u>
5.1.7	Displaying colors: ≥1,073 million	<u>Comply / Not Comply</u>
5.1.8	LED refresh rate: ≥800 Hz	<u>Comply / Not Comply</u>
5.1.9	Horizontal viewing angle: ≥120 degree	<u>Comply / Not Comply</u>
5.1.10	Vertical viewing angle: ≥120 degree	<u>Comply / Not Comply</u>
5.1.11	The lowest point of the LED display from the ground is 15m (Plan A only)	<u>Comply / Not Comply</u>
5.2	Screen Interface Processor	
5.2.1	Shall receive DVI-D signal (1024 X 768 @60Hz) from Main Scoreboard Display Engine located in LED Control Room.	<u>Comply / Not Comply</u>

6	Completion of project
6.1	<p>The Successful Contractor shall carry out the works in accordance with all the above specifications which shall include the provision of anything (tools, temporary structures, equipment, services, etc.) that, even though not specified above, is necessary for the completion of the project to the satisfaction of the Venue Management.</p> <p style="text-align: right;"><u>Comply / Not Comply</u></p>
7	Acceptance Test and Commissioning
7.1	<p>Upon completion of work, the Successful Contractor shall be responsible for the testing and commissioning of the LED display system and their peripheral accessories in the presence of the Venue Management. The installation must be tested and commissioned to the satisfaction of the Venue Management before final acceptance and handover by the Contractor.</p> <p style="text-align: right;"><u>Comply / Not Comply</u></p>
8	Contractors Qualifications and Experience
8.1	<p>Upon request, Successful Contractor should provide documentary proof to demonstrate experience working on a similar scale and complexity within the past 24 months;</p> <p style="text-align: right;"><u>Comply / Not Comply</u></p>
8.2	<p>Shall be able to meet the schedules and complete the project on time.</p> <p style="text-align: right;"><u>Comply / Not Comply</u></p>
9	Codes, standards and safety
9.1	<p>All proprietary equipment supplied by the Successful Contractor shall be fit for its intended use in accordance with the manufacturer's recommendations. Materials used for custom fabrication as well as installation practices shall be in accordance with the governing standards, requirements and recommendations of all laws, orders, codes and regulations that might be reasonably applicable to the works and the successful contractor carrying them out.</p> <p style="text-align: right;"><u>Comply / Not Comply</u></p>
9.2	<p>The successful contractor is responsible for the safety of all persons engaged in the execution of the works and shall comply with all applicable Authority, regulations and safety standards.</p> <p style="text-align: right;"><u>Comply / Not Comply</u></p>
9.3	<p>All equipment suspended overhead shall on completion of the works be inspected and approved by an Authorised Surveyor employed by the Successful Contractor. Original copy of the Surveyor's report(s) to be passed to the Venue Management for retention at the hand-over inspection. All costs shall be included in the tender.</p> <p style="text-align: right;"><u>Comply / Not Comply</u></p>

9.4	<p>The successful contractor is required to take out and maintain a public liability insurance policy at its own cost in the joint names of VBAHK and the Government of Hong Kong Special Administrative Region in the sum of not less than Ten Million Hong Kong Dollars (HK\$10,000,000) for each accident or occurrence with unlimited number of claims for the whole working period with an insurance company authorised under the Insurance Companies Ordinance against liability for death, injury, loss or damage from whatever cause arising from the use of the Coliseum. A copy of the insurance policy shall be submitted to the VBAHK and Coliseum venue management on or before 22 May 2018.</p>	<u>Comply / Not Comply</u>
10 Protection of Government Property		
10.1	<p>All Government property including but not limited to flooring, front projection screen shall be considered necessary to protect and handle carefully where such property may be easily damaged from near-by or overhead works.</p>	<u>Comply / Not Comply</u>
10.2	<p>The Successful Contractor shall be responsible to take care of all Government properties in the Arena and shall be liable for indemnify against any damages caused by his workmen to the Government.</p>	<u>Comply / Not Comply</u>
11 Overtime Works		
11.1	<p>The Successful Contractor shall allow in his tender sum all necessary labour for the job to meet the approved working programme stipulated in this specification. In particular, when the site conditions require that certain works must be carried out beyond normal office hours, the Successful Contractor shall provide the necessary labours to work overtime as instructed by the Venue Management. No claims whatsoever will be entertained for any overtime works by the Successful Contractor.</p>	<u>Comply / Not Comply</u>
12 Warranty		
12.1	<p>All materials and equipment supplied by the Successful Contractor must be guaranteed in the whole period. During the warranty period, the Successful Contractor shall provide material and labour on site for maintaining the performance of the system in a good condition free of charge to the Government.</p>	<u>Comply / Not Comply</u>

13	Compliance with Electrical Regulations and Standards	
13.1	All electrical equipment shall be in compliance with the following current regulations, ordinances and standards:-	
14.1.1	Latest edition of the General Specification for Electrical Installation in Government Buildings, Hong Kong.	<u>Comply / Not Comply</u>
13.1.2	Latest edition of Code of Practices for Electrical (Wiring) Regulation issued by the Electrical and Mechanical Services Department.	<u>Comply / Not Comply</u>
13.1.3	IEE Wiring Regulations for Electrical Installations.	<u>Comply / Not Comply</u>
13.1.4	Relevant statutory obligation, ordinances and regulations with the latest revisions having the authority of law in Hong Kong, including, but not limited to, the Electricity Ordinance (Chapter 406), safety regulation, and fire services regulations, etc.	<u>Comply / Not Comply</u>
14	Statements of Compliance, Product Information and Manufacturer's Specifications	
14.1	Potential Suppliers should submit together with their quotation offer a copy of this specification indicating compliance or non-compliance against all the required main features and technical specifications therein. They shall also submit product catalogue information and manufacturer's specifications sufficient for full and proper consideration; otherwise the offer will not be considered.	<u>Comply / Not Comply</u>
15	Delivery and Work site	
15.1	The delivery and work site: 9, Cheong Wan Road, Hong Kong Coliseum	<u>Comply / Not Comply</u>
16	Accuracy of Quoted Prices	
16.1	Contractors should make certain the accuracy of the prices quoted before submitting their quotation. Under no circumstances will the Government accept any request for price adjustment on grounds that a price mistake has been made in the quotation preparation.	<u>Comply / Not Comply</u>

Annex B**Working Schedule**

Date	Time	No. of Working hours	Scope of work
23 May 2018	1801-2700 hours	9	Move-in and installation of LED displays
24 May 2018	1600-2300 hours	7	Rehearsal - Standby services of technician and electrician
25 May 2018	1700-2300 hours	6	Rehearsal - Standby services of technician and electrician
26 May 2018	1700-2300 hours	6	Rehearsal - Standby services of technician and electrician
27 May 2018	1700-2300 hours	6	Rehearsal - Standby services of technician and electrician
28 May 2018	1700-2300 hours	7	Rehearsal - Standby services of technician and electrician
29 May 2018	1500-2400 hours	9	1st competition day - Standby services of technician and electrician
30 May 2018	1500-2400 hours	9	2nd competition day - Standby services of technician and electrician
31 May 2018	1500-2400 hours	9	3rd competition day - Standby services of technician and electrician
1 June 2018	0901-1800 hours	9	Dismantling LED displays and move-out

***Note: The information in the working schedule is for reference only, it will be subject to change.**

Timetable:

Issue of tender documents	13 February 2018
Tender return deadline	8 March 2018, 13:00
Award & commencement of contract	on or before 14 April, 2018

Tender Submission:

The tender shall be valid for at least 6 months from the date of the tender.

Please submit the duly completed and signed tender in a **sealed envelope** marked conspicuously **“Confidential - Tender Document for LED Displays for FIVB Volleyball Nations League – Hong Kong 2018”** and send to the tender box at Room 1007, Olympic House, 1 Stadium Path, So Kon Po, Causeway Bay, Hong Kong **on or before 8 March 2018, 13:00**. **EMAIL submission is not accepted.**

LATE SUBMISSION OR EMAIL WILL NOT BE CONSIDERED.

Tender Response - required actions:

Volleyball Association of HK, China
Mr. Ronson CHAN – Sports Executive
Tel: 2771 0688
Email: ronsonc@vbahk.org.hk

Warning Clauses:

- 1. The tenderer shall not and shall ensure that his agents and employees shall not give or offer any advantages as defined under the Prevention of Bribery Ordinance to any agent or employee of Volleyball Association of Hong Kong, China Limited, the “Association”. The tenderer is also prohibited from colluding with other bidders in this tendering exercise in whatever forms (e.g. price rigging). Any breach of or non-compliance with these clauses by the tenderer shall, without affecting the tenderer’s liability for such breach or non-compliance, invalidate his tender.*
- 2. If the supplier/contractor or any employee or agent of the supplier/contractor shall be found to have committed an offence under the Prevention of Bribery Ordinance in relation to the tender or the contract, the Association may terminate the contract without entitling the supplier/contractor to any compensation therefore, and the supplier/contractor shall be liable for all losses and expenses necessarily incurred by the Association as the result of such termination of the contract.*

~ END ~

CONTRACT SCHEDULE**RATES FOR THE RENTAL SERVICES**

Item	Description	Quantity (Unit) (I)	Unit Price (HK\$) (II)	Total Cost (HK\$) (I)x(II)
(1)	Setup and Dismantle services during the setup day on 23 May AND dismantle day on 1 June 2018	1 Job	\$ _____	
(2)	Rental services of Indoor LED Displays with all accessories at HKC for VNLHK 2018 (Plan A)	10 days	\$ _____ (Per day)	
(3)	Rental services of Indoor LED Displays with all accessories at HKC for VNLHK 2018 (Plan B)	10 days	\$ _____ (Per day)	
(4)	Rental services of Indoor LED Displays with all accessories at HKC for VNLHK 2018 (Plan C)	10 days	\$ _____ (Per day)	
(5)	Technicians standby services during the period from 24 May to 31 May 2018	8 days	\$ _____ (Per day)	

This contract shall be awarded on an overall basis.

We confirm that our goods quoted above meet the requirements listed in Item (I)(C) of the specifications

Authorized Signature & Company Chop

Name of Person Authorized to Sign Quotation

(in Block Letters)

Name of Supplier in English

(in Block Letters)

Name of Supplier in Chinese

Tel No.: _____

Fax No.: _____

Date: _____