



**National Games Secretariat
Chandrasekharan Nair Stadium,
Palayam, Thiruvananthapuram, Kerala**

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Tender No. 17/CENGS/2015-16 dated 13.01.2016

**Expression of Interest from Suppliers of Electronic Score Boards (ESBs) –
Category C**

I. Project Background

The Greenfield Stadium at Karyavattom, Thiruvananthapuram is the first Stadium in India which is being developed in Public Private Partnership (PPP) mode. The format for development of the Stadium is annuity based “*Design Build Operate and Transfer*” (DBOT) model under the terms and conditions of the **Concession Agreement (CA)** executed between the **Kerala University, National Games Secretariat (NGS)**, an Agency of the Government of Kerala (GoK) on one side as the Concessioner / Authority and **Karyavattom Sports Facilities Ltd (KSFL)** on the other side as the Concessionaire / Developer. As per the CA, the Concession Period is 15 years during which period, KSFL will construct, operate and manage the Karyavattom International Stadium facility.

The Design Guidelines of the CA envisions that the Stadium is required to be designed and constructed to the standards of an international Training Cum Match Facility and the design by the Concessionaire is to incorporate various features, which are required to meet the criteria for a modern day Stadium and also the most recent guidelines of FIFA and ICC.

Karyavattom Stadium is benchmarked against similar International Stadiums and is expected to have features that are expected in a fully equipped, state-of-the-art Stadium complex.

The Authority, NGS and the Concessionaire, KSFL have been jointly working for finalizing the various facilities to be installed by NGS in the Karyavattom Stadium as

per the Concession Agreement, with assistance from the Independent Technical Consultant (ITC), STUP Consultants Pvt Ltd and the Transaction Advisors of NGS, PwC.

The various features to be incorporated by the Concessionaire in the Stadium as per the terms of the Concession Agreement are listed as **Category A** items. Over and above the items in Category A, there are certain features to be provided by the Authority, NGS. Such items, included in NGS scope and excluded from Concessionaire Scope, are listed as **Category B** items.

While designing and planning these two categories of items, it also emerged that there are a few other features, which have been originally not included in the Design Guidelines of the Stadium, but are essential in a modern international standard Stadium. These components have been finalised and listed as **Category C** items by a Technical Expert Committee (TEC), which has been constituted by the Government of Kerala.

The various items in **Category C** are proposed to be incorporated in the Karyavattom Stadium in order to fulfil the following broad objectives:

- (a) Enhancement and rearrangement of facilities and amenities to optimize usage potential
- (b) Improvements to circulation, safe, entry, exit and evacuation
- (c) Enhancement and additions to facilities and amenities such as corporate boxes, football and cricket player facilities, guest rooms, indoor sports facilities
- (d) Enhancements to spectator management and spectator experience aspects

As per the decisions taken in the decision making bodies of NGS, the **Category C** items are also proposed to be incorporated in the Stadium by KSFL, extending the existing annuity model of development. Before entrusting KSFL with the procurement of the Category C items, NGS has to independently discover the price of such items. Once the market prices are discovered by NGS through a transparent and competitive mechanism, the procurement, installation and upkeep of such items shall be entrusted

with the Concessionaire, KSFL, by extending the annuity model for the Category C items as well.

As per this arrangement, NGS has brought out this **Expression of Interest (EoI)** for the price discovery of modern Electronic Score Boards (ESBs) intended to be deployed in the Karyavattom Stadium under **Category C**. The following Electronic Score Boards (ESBs) are proposed to be procured and installed:

The National Games Secretariat intends to deploy modern Electronic Score Boards primarily at the following locations:

Table 1					
Electronic Scoreboard and Perimeter Advertisement Boards – Category C					
Sr. No.	Item Code	Description of Equipment	Sport	Units	Quantity
1	ESB-OD-05	<p>Outward Facing Display behind South stand Display LED Display, 26mm Pixel Pitch approx. 144 sq. m. [16m (W) x 9m (H)] - DVX-102-26MT Series</p> <p>1. Boards must be powered by a voltage level which cannot cause damage to match participants. 2. All exposed sharp edges and corners which might pose a danger to players and officials should be covered with an appropriate padding</p>	Cricket & Football	Nos.	1
2	ESB-VS-06	<p>Video Screen for Club House Conference Room - 2nos 60 inch MPDP plasma panel 2x2 video wall configuration</p> <ul style="list-style-type: none"> • 0.9 mm bezel • Seam gap 1.8 mm • Peak Brightness: 1,700 cd/m² (without filter) • HD resolution (1365 x 768) • Contrast ratio: 1,000,000:1 • Color accuracy: 97% • White uniformity: +/- 5% • Aspect ratio: 16:9 • Audio Playback facility • Speech reinforcement • multi-site video-conferencing system with one main Video wall and multiple auxiliary <p>* Power Consumption: Max 490W per panel * Panel Dimension: 1322(H) x 746(V) x 75(D) mm</p>	Club House	Nos.	2

2 [®]	ESB-VS-06 [®]	Video Screen for Club House Conference Room-2 nos. (2x2 matrix) - 55 inch High Performance Embedded Wall Management Controller having 2 DVI & 2 HDMI Inputs with 9 DVI Outputs	Club House	Nos.	2
3	ESB-IS-03	Electronic Scoreboard Indoor Sports : Single-sided Tuff Sport [®] LED basketball scoreboard [3.04m(W) x 1.82m(H)]displays period time to 99:59, HOME and GUEST scores to 199, team FOULS to 19, player (PLYR) number to 99, player points (PTS) to 99, player FOUL to 9, PERIOD and time outs left (T.O.L.) to 9, and indicates possession and bonus. Scoreboard shown with optional striping and UniView [®] digit options,	Multi-sports	Nos.	2
4	ESB-VS-02	Video Screen in Conventional Center 60 inch MPDP plasma panel 4x4video wall configuration <ul style="list-style-type: none"> • 0.9 mm bezel • Seam gap 1.8 mm • Peak Brightness: 1,700 cd/m2 (without filter) • HD resolution (1365 x 768) • Contrast ratio: 1,000,000:1 • Color accuracy: 97% • White uniformity: +/- 5% • Aspect ratio: 16:9 • Audio Playback facility • Speech reinforcement • multi-site video-conferencing system with one main Video wall and multiple auxiliary * Power Consumption: Max 490W per panel * Panel Dimension: 1322(H) x 746(V) x 75(D) mm	Conventional Center	Nos.	2

For the purpose detailed above, NGS is inviting non-committal **Expressions of Interest (EoI)** from reputed Providers of Electronic Score Board (ESB) Systems for Design, Supply, Installation, Testing and Commissioning of Electronic Score Boards (ESBs) for various requirements of the Karyavattom stadium conforming to most recent international standards under **Category C**. From the experience of the Applicant, if it is assessed that specifications ESB systems incorporated in the EoI Document is insufficient at select locations, the Applicant may propose such suitable ESBs, along with the rationale for deployment of such system.

II. **Broad Requirements of the ESBs**

The National Games Secretariat (NGS) has finalized the specifications of the ESBs and the supporting Services to be used in the Karyavattom International Multi-purpose Stadium, and envisages these should broadly have the following components:

1. Supply of Electronic Score Boards

The ESBs offered by a Vendor shall cover all the Hardware and the Software requirements that are fully in compliance with the technical requirements of such Equipment stipulated by FIFA and ICC.

2. Installation & Commissioning of ESBs, Equipments & Accessories

Once an Agency is selected, it shall be the responsibility of that Agency to deliver all the equipment of the selected ESBs in the predetermined locations and ensure installation and commissioning of the same along with related Accessories. Additionally, all the required temporary / permanent structures required for installing the display boards/other equipments should be erected in accordance with the requirements of the common “look and feel” of the Stadium as envisaged by KSFL.

After assessing the size of the Venue, number of Spectators and the requirement of the adopted TSR System, appropriately sized alternate Display Boards may also be recommended by the Applicant.

3. Warranty Period and assistance for Operation and Maintenance of Equipments during the Games / Events

The offered ESB System shall be covered by a comprehensive replacement warranty for a period of 2 years from the date of commissioning. Throughout the guarantee/warranty period, the ESB Provider shall also be required to provide maintenance and upkeep of the equipment during the Games and Events in the Stadium. For these services, necessary Technical Support personnel shall be deployed by the ESB System Provider in the location where the System is deployed.

Additionally, NGS / KSFL may seek assistance of the selected Agency for operating the ESBs specifically during the period of Games / Events in the Stadium, for which the per diem rates may be quoted. Necessary qualified and experienced manpower is to be provided for operating the equipment and associated software and for integrating the same with the Software.

4. Eligibility Criteria for submitting the EoI

The Applicant should be a Company / Proprietary/Partnership Firm registered in India and should have been in operation for a period of at least 3 years; OR a Body Corporate from any part of the World.

The Applicant should not have had any of their contracts terminated by any State or Central Government / Agencies of the Government / Central or State Public Sector Undertakings (PSUs) in India or have been blacklisted by any State or Central Government / Agencies of the Government / Central or State Public Sector Undertakings (PSUs) in India.

Applicant should be a Manufacturer or the Authorised Representative of a Manufacturer, who has successfully executed at least two orders of providing Electronic Score Boards of the value, specification and scale of the ESB Systems included in this EoI for any National / International Stadium / Sporting Event approved by the National Sports Federation / International Sports Federation in the last 5 years. In the case of Authorised Representative of a Manufacturer, the experience of the Principal manufacturer can be stated in the Application, along with the Letter of Authorisation from the Principal, authorizing the Representative to operate on their behalf in India.

5. Contents of Application

The EoI Document shall be uploaded in the Website of NGS: www.kerala2015.com; Interested parties may download the EoI Document from the Website and may send their applications to the address mentioned below, in a Two Cover System, enclosing the details solicited below. The Cover 1 shall provide all technical details and Cover 2 shall include the Financial quote for the offered System. The two Covers, properly superscribed as **Cover 1 – Technical Details and Cover 2 – Financial Details**, shall be placed in a single Cover and submitted to the Authority.

Cover 1: Technical Details:

1. Name of the Firm/Company:
2. Address:

3. Contact Particulars:
4. The Organizational Profile of the Applicant, along with the Product Profile being offered.
5. The Applicant may propose ESB for all locations listed above. Part offers shall be summarily rejected.
6. Technical Documentation: The applicant shall furnish brief write-up, catalogues, and technical specifications of the ESBs proposed to be offered for the Karyavattom International Multi-purpose Stadium.
7. Details of Approvals: The applicant shall provide details of approvals of their equipment by the respective International / National Federation, as may be required. Copies of Certificates from the International / National Federation to be enclosed.
8. Usage in major Stadiums/events: The applicant shall provide details of major National Level/International events where they have supplied ESBs. Copies of the signed Contract Agreements / Purchase orders / Letters of Award and Completion Certificates from Client should be attached as proof.
9. Uptime Guarantee – The applicant shall specify the uptime guarantee they can provide for the ESBs
10. For each item listed above, the applicant shall specify the make, model and specification of equipment proposed to be offered. The Applicant may propose ESB for all locations listed above.
11. The Applicant shall specify an indicative cost for each of the equipment proposed to be supplied. The applicant should provide indicative costs for 2 options: (i) Purchase Option (ii) Hire. Further, the Applicant shall specify the costs for installation and operational support ESBs supplied during the Events.
12. All exclusions from the Applicant's Scope and the inputs and support measures required from the National Games Secretariat/Organising Committee for deployment of the ESBs should be detailed.

Cover 2: Financial Details:

Financial Quote for the Design, Supply, Installation, Testing and Commissioning of the Electronic Score Board System as a Lumpsum Contract to be submitted in the attached format (**Annexure A**).

The Authority shall open and evaluate the **Cover 1- Technical Details** and **Cover 2: Financial Details** of only those Applicants, who are found to be technically eligible, shall be opened. Once the lowest price is discovered by NGS through this EoI Process, the execution of the Project shall be entrusted by NGS with the Concessionaire, KSFL, through a Scope Change Order, extending the annuity scheme for this ESB System as well.

6. Timelines of the EoI

No	Description	Date
1	Date of release of EoI	13.01 2016
2	Pre-bid meeting	23.01.2016 at 03.00pm
3	Last date for publication of Corrigenda to EoI, if required	27.01. 2016
4	Last date and time for submission of EoI	3pm on 30.01.2016
5	Time & Date of opening of Cover 1 – Technical Details	4.00 pm on 30.01.2016
6	Date of declaration of technically qualified Applicants	-

7. Terms and Conditions

- A. NGS reserves the right to not to follow up this EoI and terminate the entire EoI Process, without assigning any reason or without any obligation to any of the Applicants.
- B. This EoI in no way forms any commitment or indication of any business from NGS.
- C. Submission of the EoI shall not guarantee an automatic selection or empanelment of the Applicant.
- D. Each Applicant shall be liable to individually bear the cost of data collection, preparation and submission of this EoI.

8. Modalities of EoI Submission

1. The envelope should be superscripted “**EoI from ESB Provider – Category B**”.
2. The EoIs should reach the Office of the **Chief Commissioner & Principal Coordinator of NGS** in the below mentioned address, before 3 pm on 30th January 2016 . Late submissions will be rejected.

**Chief Engineer,
National Games Secretariat,
Chandrasekharan Nair Stadium, Palayam,
Thiruvananthapuram, Kerala, India
Phone: +91 471 2302287
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Email: 35thngskerala@gmail.com**

Chief Engineer

ANNEXURE A – FINANCIAL BID

Electronic Scoreboard and Perimeter Advertisement Boards – Category C

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