

PRASAR BHARATI
(BROADCASTING CORPORATION OF INDIA)
Host Broadcaster – Commonwealth Games D2010 Cell
Directorate General: Doordarshan
DD Bhawan, New Delhi – 110001

AN INVITATION FOR EXPRESSION OF INTEREST

For Design, Engineering and Technical infrastructure
Of International Broadcast Centre (IBC)
Under the Host Broadcaster assignment for
Commonwealth Games Delhi2010
EOI No 1(2)/ HB-CWG Cell/D2010/09/08-09

1. Background and Objective:

The Commonwealth Games 2010 are scheduled to be held from October 3 to October 14, 2010 at Delhi (India) (hereinafter referred to as the GAMES).

The Organizing Committee - Commonwealth Games Delhi2010 has appointed, Doordarshan, a constituent of Prasar Bharati as the "Host Broadcaster" (for short referred to as HB), for the GAMES.

This Invitation for Expression of Interest (for short referred to as EOI) is issued by Prasar Bharati, a body corporate through its constituent Doordarshan with Headquarters at Doordarshan Bhawan, Mandi House, Copernicus Marg, New Delhi in respect of the services hereinafter set out, for short listing eligible entity (ies).

The HB intends to outsource the design, implementation, integration, cabling, operation and maintenance of International Broadcast Centre (non Competition- Venue) (hereinafter referred as IBC) for the Games in accordance with the International standards. The IBC will be headquarters for all broadcast television and radio operations, management and administration during the Commonwealth Games D2010.

HB intends outsourcing the aforesaid services, interalia, for facilities and services of IBC in respect of designated key non-competition venue relating to the said GAMES, from potential entities.

2. Eligibility Criteria:

(A) The entity (ies), in order to be eligible to provide the aforesaid services, must be either in their own capacity or as part of a consortia have successfully completed.

i. Entire IBC activity under the HB assignment for Commonwealth Games and/or Asian Games and/or Olympic Games, anytime in recent past since 1990 (including 1990).

OR

The activities pertaining to 'CDT (Contribution, Distribution and Transmission) facility alongwith CSC (Commentary Switching Centre) facility at IBC' under the HB assignment for Commonwealth Games and/or Asian Games and/or Olympic Games, anytime in recent past since 1990 (including 1990); **and**

- ii. The entity must have experience of successfully providing CDT & CSC facilities and services at IBC at international sports events in High Definition TV (HDTV); **and**
 - iii. The entity has successfully completed Logging & Archive facility alongwith Highlights Generation facility at IBC under the HB assignment for international sports events.
- (B) Any other entity which responds to this invitation for 'Expression of Interest' but does not have the requisite experience as set out above would be free to participate as a member of a consortium as long as the *lead partner* of the consortium meets the eligibility criteria at S. No.(A)(i); **and** atleast one member meets the eligibility criteria at S. No.(A) (ii) and S. No. (A) (iii) separately or collectively.

It is clarified that the *lead partner* of the consortium is the one which has the largest exposure pertaining to CDT and CSC activities in the Host Broadcaster facilities and services at IBC, as required above, amongst all the members of the consortium.

In case of a consortium, the bidder should specify the name of the *lead partner* of the consortium.

- (C) The Annual Turn-over of the entity in case of an individual EOI or all the members of a consortium taken together, must not be less than
- a. An amount equivalent to USD 4 million or INR 20 crore in each of the last five years ,
- OR
- b. An amount equivalent to an aggregate of USD 24 million or INR 120 crore in the last Five Years.
- (D) The required documents explicitly supporting the past experience, consortia document – MOU document, financial strength document, list of key personnel engaged with brief Bio-data & experience, must be forwarded with the EOI.

Point wise Compliance to the Clause no. 2 as above is to be enclosed along with the EOI by the entity.

3. Broad Scope of Work and Services:

- (A) The IBC is a key non-competition venue. It is heart of broadcasting operations during the Games. All television and radio signals will pass through the IBC.

The IBC will be located at Indian Trade Promotion Organization (ITPO), Pragati Maidan. The Hall Nos. 8,9,10 & 11 is earmarked for IBC operations during the Games. The total area of IBC is approximately 8500sqm.

VandA package consist of at least **35 HD-SDI** signals, which is to be monitored, controlled, processed and distributed by the entity within the IBC. Required Cabling for the said VandA package is the part of the scope of the work.

The main technical centers under the IBC operations are as below:-

- i) **Contribution, Distribution and transmission (CDT):-**
The CDT acts as central technical point for incoming (venues and non-venues) and outgoing VandA packages (RHBs, Telecom, CATV and Satellite farm). signal at the IBC including:
 - Signal distribution of the VandA packages to Right Holders,
 - Signal handling of incoming and outgoing unilateral VandAs
 - Monitoring of Right Holder's outgoing signals.

The CDT will consist of a central routing matrix with dedicated monitoring for all incoming & outgoing VandA circuits. The Broadcast format for these signals is HDTV (1920x1080/50/I) but CDT manages both HDTV and SDTV signals simultaneously.
- ii) **Commentary Switching Centre(CSC):-**
The Commentary Switching Centre will be network audio hub at IBC. This centre will manage all incoming and outgoing commentary/4-wire circuits for unilateral feeds for Television & Radio signals within IBC including all coordination circuits.
- iii) **Archiving and Logging Centre:-**
HB Archiving and Logging Centre will be responsible for recording all live venue feeds (HD signals received through CDT). Each feed will be properly logged at logging station for quick retrieval. A central Video server will record all sports content in HD resolution in order to provide archived content to the RHBs for their production needs. Provision of low-resolution browsing, adding metadata, availability of the stored media for editing in native format.
Efficient Transfer of media from Central Server along with metadata to the Archival storage as System with quick retrieval and partial restore.
- iv) **VTR recording room:**
Backup recording in tape format will be done of all the live events.

Apart from the recording on tapes it is also additionally required to record copies of all the HD live feeds and highlights on the disks.
- v) **Highlight Production Centre & Graphics Generation :**
This centre will be based on HD craft non-linear editing suites (NLEs) and high-end Graphics; and will receive /fetch content from the Archiving and Logging server. This centre will produce daily highlight packages and provide desired content as and when required by RHBs.
- vi) **Formats Conversion:**
The format conversion from HDTV on 16:9 aspect ratio to SDTV on 16:9 and 4:3 aspect ratios are to be provided within the IBC.
- vii) **Bookable facilities and services :**
The IBC will also consist of following bookable facilities:-
 - a) Off-tube Commentary Booth
 - b) Television studio
 - c) Radio studio
 - d) Edit suites
 - e) Stand-up position
- viii) **Production Quality Control:-**

Production Quality control will be a video and audio monitoring facility for ITVR (International Television and Radio) signals of the Games.

- ix) **CATV :-**
The Broadcasters inside the IBC will receive all the competition Venue signals, non-competition Venue signals and beauty shots packaged in distribution channels through Cable TV.
- x) **Telco room:**
The entity has to provide and terminate the desired audio & video signal for Multi lateral and Unilateral feeds at Telco room within the IBC.
- xi) Provision of **UPS** for the HB and RHB technical activities is to be made by the entity along with power supply distribution within the IBC. Batteries for sufficient backup should be the part of the UPS unit. The power supply distribution within the IBC will be in three phase 440V System and 230V Single Phase system. Raw power three-phase 440V will be provided by the OC with 100% back up for the IBC. The required earthing for the IBC setup shall be provided by the entity
- xii) Technical Communication facility within the IBC.

(B) It is intended to outsource the IBC technical infrastructure; and facilities and services of the GAMES on **wet-lease basis** (both equipment and manpower including the entire staff: Engineering, Production, etc.) under the Host Broadcaster assignment. The entire design, concept, engineering, installation, set-up processes, operation & maintenance of IBC are to be outsourced. After completion of the GAMES, the entity is required to de-rig and remove the entire set-up.

While HB may prefer to outsource this job on turnkey basis, the final decision on whether the works will be awarded on a turnkey basis to an entity or to a consortium or on a non turnkey basis in which the outsourcing work may be awarded to more than one entities or to consortia, shall be taken on the basis of responses received to the EOI.

The Design, construction, engineering and technical infrastructure of International Broadcast Centre activities under the designated Host Broadcaster assignment shall interalia, cover all aspects of concept and technical design from the Broadcasting perspective, including but not limited to:

1. Full Installation, technical, Engineering operations, Maintenance and Production Staff.
2. Entire IBC Equipments including the specialized CDT, CSC, Archiving and Logging equipments required for routing, switching, embedding, de-embedding, monitoring, controlling, distribution, storage and retrieval activities during the Games.
3. Signal handling and Distribution of Unilateral and Multilateral VandA signal feeds.
4. Setting-up, Management and operations of the Bookable facilities like Off-tube Booth, Edit Suites, Studio, etc.
5. The entire technical infrastructure required for broadcasting and distribution purposes in the IBC for an international multilateral sport event as per international standard.
6. Customization for unilateral feeds as desired.

7. Cabling for each activity
8. Technical Operations and Management
9. Risk Management Plans and Operations.
10. Maintenance activities.
11. Redundancies and backup.
12. Contingencies

(C) Broadcast Standard:

The Broadcast Standard for these Games shall be: High Definition Digital Format
HDTV technical standard will be HDTV 1080i/ 50 (HDTV 1920x1080/50/I)

It is also required to provide 4:3 aspect ratio protections on all coverage, including 4:3 “safe” Graphics output besides 16:9 aspect ratio.

It is also required to have provision of conversion of **HDTV signals to SDTV signals to distribute the SDTV signals** within the IBC as per the RHB requirement.

Audio signals will be in Stereo (L & R), and will be available as Embedded Audio only at the IBC. The International Radio signal shall consist of a general Background sound signal (Stereo International sound), which shall be delivered independent of the International Television Sound Signal.

The Design, engineering and technical infrastructure and **Detailed layout plan of International Broadcast Centre (IBC) must be submitted by the entity (ies)** for the ‘Broad Scope of Work and Services’ as mentioned at Clause No 3 above.

The entity providing IBC facilities and services as above needs to have full coordination with the service provider for production and coverage activities at venues and the service provider for optical fiber connectivity between venues and the IBC.

Point wise Compliance to the Clause No 3 as above is to be enclosed along with the EOI by the entity.

4. Broad Facilities to be provided/ extended by Host Broadcaster:

The Host Broadcaster would facilitate the air-conditioning at all technical areas within the IBC.

The Host Broadcaster would provide space and internal construction, partitioning, wall paneling of different sections/technical areas in the IBC.

The Broadcast Compound at the venues would be connected on Optical Fibre Connectivity (OFC) with the IBC. This connectivity would be arranged by the Host Broadcaster / Organizing Committee of the GAMES.

The Host Broadcaster will facilitate, in association with the Organizing Committee in getting clearances, permissions pertaining to usage of RF equipment for the coverage of the event.

5. Summary Rejection:

It is explicitly made clear that mere submission of EOI, eligible or not eligible, shall not confer any right whatsoever on any such entity. Any EOI submitted by an entity, which fails to satisfy the eligibility requirements set out in the Clause No 2 above, is liable to be rejected.

6. Preparation for submission of EOI:

- (i) It shall be obligatory on the part of the Entity (ies) to furnish any further information as may be sought by HB.
- (ii) They shall be under a duty to ensure that they fulfill the eligibility criteria.
- (iii) The Validity period of the EOI shall be six months from the date of submission.
- (iv) The EOI must contain essential information as per the format given below:
 - a. Name & address of the Entity (ies).
 - b. Business name and constitution
 - c. E-mail ID.
 - d. Fax No/Telephone No (s).
 - e. Experience/Past performance as desired at Clause No 2 above , **particulars with supporting documents** in following format:

Sl. No.	Name & Address of client	Year of Event	Details of desired IBC activities	Remarks in terms of objectives, scope of services covered

- f. Experience details of key personnel proposed to be engaged should be submitted alongwith the EOI.
- (v) The Design, engineering and technical infrastructure plan of International Broadcast Centre must be submitted for the 'Broad Scope of Work and Services' as mentioned at Clause No 3 above.
- (vi) The EOI complete in all respects must be submitted together with requisite information and annexure (s). The EOI offer should be free from ambiguity, change or interlineations. Incomplete EOI will not be considered and are liable to be rejected.
- (vii) The EOI and any annotations or accompanying documentation must be in English language.
- (viii) The EOI shall be duly signed on each page by an authorized person. Documents authorizing such person must accompany the EOI. HB reserves the right to reject outright any EOI unsupported by proof of the signatory's authority.

7. Submission of EOI:

- (A) An EOI may only be made by the submission of three (3) copies (including an electronic copy) of:
- (i) An EOI Form as at Clause No 15 in the document, complete in all respects.
 - (ii) The Design, engineering and technical infrastructure and **Detailed layout plan of International Broadcast Centre (IBC) must be submitted by the entity (ies)** for the above-mentioned 'Broad Scope of Work and Services' as at Clause No. 3 above.
 - (iii) Documents to support the eligibility criteria as at Clause No. 2 above and for Clause No. 6(iv) above are to be submitted alongwith the EOI. Any other supporting documents or information as required by the Host Broadcaster is to be submitted alongwith the EOI.
 - (iv) Fee of INR 5000/- (Indian National Rupees Five Thousand only) or USD125/- (US Dollar One Hundred Twenty Five only) in form of **"Bank Draft" only** from a Nationalized Bank/Scheduled Bank **in favour of PB (BCI) Directorate General: Doordarshan payable at New Delhi** in case of downloading the EOI document from Doordarshan website is to be submitted alongwith the EOI.
 - (v) Payment of fee in any other form than mentioned above shall not be entertained and the EOI response will be treated at par with EOI response without requisite fee and will be summarily rejected
- (B) The sealed EOI by superscribing envelope "Expression of Interest for The Design, engineering and technical infrastructure of International Broadcast Centre Activities under the Host Broadcaster assignment for Commonwealth Games Delhi2010" complete in all respects **should reach on or before 1400 Hours (IST) June 17, 2009** at the below given address:-
- Host Broadcaster – Commonwealth Games Delhi2010 Cell,
Room No. 612, Tower – A,
Doordarshan Bhawan, Copernicus Marg,
New Delhi (India) – 110001**
- (C) HB will not be responsible for the loss of any EOI or for any delay in receipt of EOI by Postal transit or otherwise. EOI hand delivered should be put in the EOI box at the above mentioned address, by the specified time and date. EOI received after the closing date and time mentioned above shall not be considered. EOI (s) sent through TELEFAX/ Email will not be entertained.

8. EOI Opening:

- (i) The EOI shall be opened on **June 17, 2009 at 1600 Hrs (IST).**
- (ii) An authorized representative of an Entity carrying a copy of the authorization letter submitted along with the EOI shall be entitled to be present at the time of EOI opening. Any person not carrying the said authorization letter shall not be allowed to attend the EOI opening.

- (iii) In case of an unscheduled holiday on the closing/opening day of EOI, the next working day will be treated as the scheduled prescribed day of closing/opening of the EOI; the time notified remaining the same.

9. Evaluation/ Scrutiny of EOIs:

Evaluation/ Scrutiny of EOIs shall be based on

- (i) Submission of the required documents, Fees, information by the entity as per the applicable clause of the EOI document along with the EOI
- (ii) Assessment of the capability of the entity based on **particulars of supporting documents submitted to authenticate the Experience/Past performance** as desired at Clause No. 2 above.
- (iii) Offered Design and Plan as per 'Broad Scope of Work and Services' outlined above

HB shall communicate acceptance of an EOI by Fax/ E-mail. The invitation to send EOI and the receipt of EOI would not constitute a contract between the parties.

10. Stages Subsequent to EOI:

- a. **RFP (Request For Proposal) / Tender document stage:** Short listed entity (ies) will be required by HB to submit the bids vide RFP /Tender Documents under the 'Two-Bid System" (Technical and Commercial Bids) to RFP/ Tender document as per the requirement laid down for the purpose.

11. Address for Correspondence with Host Broadcaster:

(A) **Fax : +91 11 23381756**

E-mail : akjailkhani@yahoo.com , abhiagra31@gmail.com , hbdelhi2010@gmail.com

POSTAL ADDRESS:-

Host Broadcaster - CWG D2010 Cell

Room No. 612, Tower A,

Doordarshan Bhawan, Copernicus Marg,

New Delhi-110001 India

- (B) All correspondence shall bear reference to the Invitation for EOI document number:

EOI No 1(2)/ HB-CWG Cell/ D2010/ 09/ 08-09

12. General Terms:

- a. Neither the issue of this Invitation for EOI nor any part of its contents is to be taken as any form of commitment or acknowledgement on the part of HB to

proceed with any EOI or any entity and HB reserves the right to annul or terminate the process or reject any EOI at any time or stage without assigning any reason.

- b. HB reserves the right and absolute discretion at any time and without any liability whatsoever, to amend, vary, waive and/or modify any or all of the terms and conditions of this Invitation for EOI without assigning any reason whatsoever or prior notice being provided to any entity.
- c. HB shall in no circumstance whatsoever, be responsible or liable in any manner whatsoever, for any costs or expenses incurred or any loss suffered by the entity, in connection with or in consequence of the preparation or delivery of any EOI , or compliance with any of the requirements of the Invitation for EOI or in any other manner.
- d. Any concealment of a material fact or a misrepresentation shall lead to disqualification of the Entity (ies).
- e. In case any clarification is sought by HB after opening of EOIs, the reply of the Entity should be restricted to the clarification sought.
- f. Canvassing in any form shall render the EOI liable to be rejected.
- g. The Entity shall be deemed to have duly considered all terms of this Invitation for EOI document and acknowledge that it intends to submit an EOI offer in accordance with the provisions of this document having accepted the terms and conditions as have been incorporated herein and/or that may be incorporated by HB through any Addendum (s).
- h. Each Entity irrevocably and unconditionally accepts and agrees that by submitting an EOI :
 - (i) It agrees to be bound by the terms, conditions and obligations set out in this Invitation for EOI document together with such other terms and conditions as HB may, in its sole discretion, require ; and
 - (ii) It has read and understood, and agrees and accepts, the provisions and procedures, and terms and conditions (including the outcome) of this Invitation for EOI.
 - (iii) It agrees that the offer shall remain valid till the expiry of the validity period as specified in this Invitation for EOI.
- i The decision of HB shall be final while finalizing the EOI .
- j The Entity (ies) should not directly or indirectly relate to any employee of Doordarshan/ Prasar Bharati.
- k. The entity (ies) has not been blacklisted /debarred by any Government/Semi Government Organization or Corporation in India, at any stage.
- l The Entity (ies) would be fully responsible to follow all labour welfare legislations in India and Host Broadcaster will not be responsible for any default/ violation of labour welfare legislations by the party.

13. Governing Law:

Indian laws, both substantive and procedural, shall govern.

14. EOI Form:

Having examined the details given above in Invitation to EOI and terms set out above, I/we hereby submit the relevant information for considering my/our EOI.

- i. I/We accept all the terms and conditions of EOI as set out above.
- ii. I/We hereby certify that all the statements made and information supplied in the enclosed documents and accompanying statements are true and correct.
- iii. I/We have furnished all information and details necessary for EOI. My/our EOI is complete in all respects.
- iv. I/We submit all necessary documents in support of our eligibility, experience and capability.

Signature of the Authorized representative

Enclosures

Seal of applicant

Date of submission
