

Subject :- **Intimation for 7.1 SOUND SYSTEM EQUIPMENTS and SYSTEM INTEGRATION for Films Division Auditorium New Delhi.**

1. The Director General, Films Division, Ministry of Information and Broadcasting, Government of India, 24-Dr. Gopalrao Deshmukh Marg, Mumbai – 400 026 invites sealed bids from reputed firms/suppliers in two bid system i.e. Technical and Financial Bid from agencies/firms for **7.1 Sound System Equipments and SYSTEM INTEGRATION for Films Division Auditorium New Delhi** The detailed specifications for the project may please be seen at **Annexure-A**
2. The firms/suppliers interested to supply the requisite material/equipments as mentioned in **Annexure-A** can consult A.Subrmanian Films Division for clarification/ specification, on any working days viz. Monday to Friday from 11.00 am to 5.00 pm(except holidays) in the office of Films Division, Ministry of Information and Broadcasting, Government of India, 24-Dr. Gopalrao Deshmukh Marg, Mumbai – 400026. The details of this bid notice including specifications of the equipment etc. are available on the official website of Films Division i.e. [www.filmsdivision.org](http://www.filmsdivision.org)
3. Possession of valid Digital Signature Certificate (DSC) of the bidders are prerequisite for e-tendering. DSC ( applicable to Class-II / Class – III with signing key usage) issued by sify /TCS / nCode / eMudra or any others certifying authority recognized by controller of certifying authority (CCA) India on e-Token/ Smartcard are valid to e-Tendering .
4. All the above documents should be self attested by an authorized signatory of the bidder and should be on the letter head of the bidder. All the above items should be placed in a cover superscribed **“Bid for 7.1 SOUND SYSTEM EQUIPMENTS and SYSTEM INTEGRATION for Films Division Auditorium New Delhi.”**.

5. The bidder except those who are registered with the Central Purchasing Organization, National Small Industries Corporation (NSIC) must enclose with their Technical Bid an Earnest Money ( Bid Security) for **Rs.1,00,000/-** in the form of either cross Demand Draft, Fixed Deposit Receipt, Banker's Cheque (Pay order) or Bank Guarantee from any of the Commercial Bank drawn in favour of "**Accounts Officer, Films Division, Mumbai**" valid for a period of 45 days beyond the final bid validity period. The final bid validity period is 90 days. The Bid which is not accompanied by Earnest Money will not be considered.

6. The Earnest Money (Bid Security) may be forfeited by Films Division in the following events :-

- i) If bid is withdrawn during validity period or any extension thereon.
- ii) If bid is varied or modified in a manner not acceptable to this organization during the validity period or any extension thereof.
- iii) If a bidder whose bid has been accepted but fails to furnish the performance security deposit, performance bank guarantee within 30 days of acceptance of bid.

7. The Earnest Money (Bid Security) of unsuccessful bidders will be returned on finalisation of bid. The Earnest Money of successful bidder will be returned on receipt of performance security deposit/bank guarantee.

8. All livable taxes/duties, including Sales Tax, Value Added Tax and Service Tax etc., if any may be mentioned separately. If these details are not indicated, it will be assumed that the rate is inclusive of all the taxes excluding Octroi.

9. In case of any doubts/clarification on Technical Specifications in Annexure-I, the same may be brought to the notice of the undersigned before submitting the bid for taking necessary action in the form of having a pre-bid conference at Films Division .

10. At the first instance the Technical bids will be opened by the Department and the same will be evaluated by the Competent Committee or Authority. The bidder may be required to arrange a demonstration/presentation of the products offered. At the second stage, Financial bids of only the Technically acceptable offers will be opened for evaluation and ranking before awarding the contract.

11. The successful bidder will furnish a **Performance Security Deposit at the rate of 10% of the value of the total equipment** in the form of Demand Draft/ Pay Order or Fixed Deposit Receipt or Bank guarantee from any commercial Bank drawn in favour of "Accounts Officer, Films Division, Mumbai" within 30 days of the receipt of supply order. The Performance Security Deposit will remain with the Films Division, till the warranty period of the equipment is covered.

12. The successful bidder will be required to start the work within 2 weeks of the placement of work order.

13. There shall be no negotiations in general. Even in exceptional circumstances, negotiations will be carried out only with the lowest evaluated responsive bidder.

14. The 50% payment will be made/ released after the supply of the equipment. 25% on installation of the equipment and balance 25% on commissioning and successful running of the equipment for about a month. No advance payment will be made under any circumstances. The equipment for Delhi has to be delivered/installed/commissioned at Delhi and prices should be inclusive of same.

15. The supplier should offer a minimum warranty period for **12 months** for the equipments from the date of its supply.
16. Right to accept, reject, split the entire Bid or any part thereof without assigning any reason rests with the Director General, Films Division, Mumbai and his decision in this regard is final and binding.
17. Income Tax/Service Tax or any other taxes will be deducted from the bill at source as per Government orders.
18. Any disputes arising out of the bid notice, process and finalisation of this bid shall be subject to jurisdiction of the High Court of Mumbai.
19. The vendor will be required to supply all the equipment mentioned hereunder and also to install that and integrate complete system including audio rack wiring, final calibration, matching with electrical and AC work and carrying out tests to ensure compliance of the theatre with THX standards.
20. The vendor should also recommend acoustic corrective measurements suggest installation of absorption pad, bass trap, etc, if required.
21. All supplied key equipment should be THX approved for use in cinema.
22. Vendor can visit the premises for inspection with prior appointment.

23. The vendor shall also have to integrate sound output from 35mm projection Simplex Millennium – Serial No. 23850 & 23851, make fitted with CAD 701 Dolby sound readers and a CP 500 processor. Analog output from CP 500 processor is to be connected to the sound system, through an intermediary balancing equipment, if necessary, which must also be included in the bid by vendor.

24. The power requirement and other technical parameters of the speaker system and the amplifier system are included in the table below. However, it is the vendor's responsibility to ensure that the cross-over / speaker control system and amplifier system are perfectly matched to the speakers included in the bid with a minimum headroom of 3dB

25. The vendor can use their own recommended amplifier configuration for connecting the sound processor with the speaker system during the amplifier for optimal sound reproduction and economic pricing. However, the solution must meet the technical parameters given below.

26. Signal Cables of Krystal make or equivalent will only be accepted. Connectors of Nutric make and wall brackets made by OEM should be supplied for all equipment.

27. In case of deviation, the same must be clearly pointed out in the bid and justified during the technical presentation.

28. Speaker wiring and electrical power outlet and UPS backup etc shall be provided by CPWD as indicated by vendor.

Yours faithfully,

( **Viplove Rai Bhatia** )

Director

for Director General

Encl. : As above.



**Technical Bid for Equipment's 7.1 SOUND SYSTEM EQUIPMENTS**  
**AND SYSTEM INTEGRATION**

SR. NO.	ITEMS	MINIMUM ACCEPTABLE SPECIFICATION	TECHNICAL SPECIFICATION OFFERED BY BIDDER
1.	<b>Surround sound processor</b>	i. Dolby CP 750 digital sound processor with the necessary cables  ii. Intermediary balancing equipment(for connecting analog output for CP 500 to analog input of CP 750) or a switcher for connecting to main sound system.	
2.	<u>7.1 surround sound system</u>  i. Main speakers – 3 Nos.  ii. Surround speakers-12 Nos  iii. Sub woofer system  iv. Power amplifier: As per configuration provided by vendor  v. Speaker controller / management system – as per design by vendor	i. <b><u>Main speakers :</u></b> <b><u>3nos</u></b>  Three way tri-amp speakers  FREQUENCY RESPONSE : 45Hz-16kHz  LF : 2 x 15” 800W AES, 4 Ω Sensitivity – 99 dB  MF : 6.5” 150 W AES 8 Ω Sensitivity – 105 dB  HF : 1” compression driver 60W AES 8 Ω Sensitivity 107 dB  MF and HF drivers should be horn loaded with adjustable brackets.  ii. <b><u>Surround speaker:</u></b> <b><u>12 nos</u></b>  TYPE: Two-way passive, reflex	

FREQUENCY RESPONSE :  
60Hz-20kHz,  
DRIVERS: bass-mid 10" –

HF - 1" compression driver  
POWER: 150W AES,  
SENSITIVITY : 94dB  
DISPERSION :90degree  
MAXIMUM SPL : 115dB  
IMPEDANCE: 8 Ω

**iii. Sub woofer system**

Comprising of single  
or Dual driver sub-  
woofer

TYPE :Vented sub-bass  
system

FREQUENCY RESPONSE :  
20Hz-250Hz @-10dB  
DRIVERS : 18"  
SENSITIVITY : 101dB  
RATED CONTINUOUS POWER :  
2400W AES total  
IMPEDANCE: 8 ohms

**iv. Amplifiers**

The vendor should  
specify the make,  
technical specifications  
and the number of  
different kinds of  
amplifiers used in the  
configuration. All  
amplifiers must be Class  
D / THX approved,  
impedance matched to  
the speaker system, with  
typical THD less than  
0.01% , signal to noise  
ratio > 107 dB with built-  
in protection circuits.

**v. Controller / speaker  
management  
system**

Matched for inputs from



		Dolby 750 and output to the amplifier in the configuration.	
3.	<p><b><u>System integration:</u></b></p> <ol style="list-style-type: none"> <li>1. Supply and fitting of Screen</li> <li>2. Wiring</li> <li>3. Connectivity</li> <li>4. Calibration</li> </ol>	<p><b><u>i. Screen:</u></b>  SIZE : (W) 7168mm x (H) 3050mm.</p> <p>Silver screen with gain 2.4 or higher for 3D passive system make harkness is to be supplied and fitted. The existing screen frame may be appropriately modified / replaced by vendor. Screen must be compatible with 35MM projection and should have standard perforation for placing of main speakers and sub-woofers behind the screen.</p> <p><b><u>ii. Wiring:</u></b>  Entire wiring of speaker system is provided by CPWD. Connecting this and providing signal wiring for projector and sound system is responsibility of system integrator. 2 core 2.5 sq mm, wiring for speakers and 4mm wiring for LF Drivers of main and sub-woofers is provided.</p> <p><b><u>iii. Connectivity</u></b>  Connectivity between the projection system (35mm And DLP projector) and the sound system.</p> <p><b><u>iv. Brackets:</u></b>  Dedicated wall brackets by the manufacturer / EqvInt for surround speakers.</p> <p><b><u>v. Connectors:</u></b>  As required nutric/EqvInt</p>	

		<p><b>vi. <u>Racks:</u></b> As per requirement</p> <p><b>vii. <u>Calibration:</u></b> After the installation, the alignment and calibration (Testing, Room tuning, Demo) is to be carryout by the System integrator.</p>	
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## Financial Bid for Equipment's 7.1 Sound System Equipments and System Integration

Name of the company/firm/Individual

VAT /Service Tax Registration No.

PAN Number

Sr.No.	Item	Specification/ Model No.	Cost	Taxes, if any	Total Amount
1.	Surround sound processor				
2.	<u>7.1 surround sound system</u>  vi. Main speakers – 3 Nos.  vii. Surround speakers-12 Nos  viii. Sub woofer system  ix. Power amplifier: As per configuration provided by vendor  x. Speaker controller / management system – as per design by vendor				
3.	<b><u>System integration:</u></b> 1. Supply and fitting of Screen 2. Wiring 3. Connectivity 4. Calibration				