

Subject :-**Open bid notice for Digital Cinema Projection Equipment's (7.1 Surround Audio and Digital Projector) for Re-recording Theatre-III, Films Division, Mumbai and Films Division Auditorium, New Delhi**

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 two numbers of **Digital Cinema Projection System one each at Re-recording Theatre-III , Films Division, Mumbai and 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 Shri A.K.Singh, Chief Recordist and Shri K. Sethuraman (Consultant-Mob.09820844802) 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. The bid should consist of the following documents:

- i) Profile of the company along with copies of PAN, TIN and VAT Certificates and authorization certificates of principals.
- ii) Earnest Money in the specified format
- iii) A sealed cover superscribed "**Technical Bid**" containing detailed technical specifications of the offered product in the specified format (**Annexure-A**) along with any other brochure, catalogues, documents etc. BUT NOT CONTAINING ANY PRICE INFORMATION ABOUT THE PRODUCTS OFFERED.

iv) A sealed cover superscribed "**Financial Bid**" containing the price schedule (**Annexure-B**) duly filled in with all commercial details of the bid along with bid number, bid opening date etc.

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 "**Digital Cinema Projection System for Re-recording Theatre-III, Films Division, Mumbai and Films Division Auditorium, New Delhi**". The outer cover should bear the bid number and date of closing/opening prominently underlined along with the address of this office but should not bear any information about the bidder or any identifiable mark on the outside.

5. The bid addressed to The Director General, Films Division, Mumbai should be dropped in drop box mounted on the wall of Phase-I building opposite the chowkidar's cabin at the entrance of Films Division, 24-Dr.G. DeshmukhMarg,Mumbai-400 026 up to 1.00 P.M. on 02.12.2013. All outstations bids, if sent by post, should be sent under registered cover. This Organization will not be responsible for the loss of bid or for delay in postal transit. Bidders are advised in their own interest to ensure that their offer reaches this office well before the closing date and time of the bid as the offers received after the closing date and time of the bid will not be considered. The bids (Technical Bids) will be opened at 3.00 P.M. on the closing date in the presence of the bidders or their representatives who may be present.

6. 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.2,00,000/-** 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.

7. 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.
8. 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.
  9. All leviable 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.
  10. In case of any doubts/clarification on Technical Specifications in Annexure-A, 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 on 18.11.2013 at 11.00 Hrs.
  11. 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.
  12. 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.
  13. The successful bidder will be required to start the work within 2 weeks of the placement of work order.
  14. There shall be no negotiations in general. Even in exceptional circumstances, negotiations will be carried out only with the lowest evaluated responsive bidder.
  15. 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.
  16. The supplier should offer a minimum warranty period for **12 months** for the equipments from the date of its supply.
  17. 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.

18. Income Tax/Service Tax or any other taxes will be deducted from the bill at source as per Government orders.

19. 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.

Yours faithfully,

( **ViploveRai Bhatia** )  
Director  
for Director General

Encl. : As above.

## Specification of Equipment's-Digital Cinema Projection System

Sr.No.	Items	Minimum acceptable specification	Technical specification offered by bidder
1(A)	<p>For Mumbai Digital Cinema Projector with 3D Passive System Screen Size 25x10.5Ft Hall Size : 47x28.10Feet.</p>	<p>2K Resolution and upgradable to 4K Resolution Xenon illumination Built in or external integrated media block (IMB) and screen management software Compatible E-Cinema and D-Cinema Ready use 3D Passive Support DVI/HDMI inputs Ethernet, GPIO Port RS232 Easy maintenance User-friendly With all accessories DCI approved Digital Cinema Server and Projector (DCI Standard) Decoding Capabilities -DCI JPEG2000@250Mbpsand@500Mps Digital micro mirror device-3X0.98" DMD DLP Cinema Native resolution-2, 048X1,080 pixels@24fps,48fps and 60fpsStereoscopic Lamp-1.2Kw-2Kw Light output-9500 lumens or more Screen size-12X25 ft. and above Contrast ratio-2,000:1 Digital Video inputs-DVI2, HD, Sd (BNC) port, and HDMI port External Communication-Lan port, Serial port Number of colors-35.2 trillion Lens mount-Motorized single lines Prime Lenses- 1.2-1.7:1 (108-464105-01) 1.34-1.91 (108-465106-01) 1.5-2.15:1 (108-466107-01) 1.7-2.55:1 (108-467108-01) 2.0-3.9:1 (108-468109-01) Subtitle capabilities-Cinecanvas@SMPTE formats Stirage-Minimum2TB Raid storage Automation capabilities-Serial and IP based using ASCII protocol and more General purpose inputs and out puts 16channel of AES Audio out Input Voltage-single phase 220V HFR Capability 220V-240 Ac power supply Installation, Calibration and Technical Training for our Maintenance Staff</p>	

<b>Sr.No.</b>	<b>Items</b>	<b>Minimum acceptable specification</b>	<b>Technical specification offered by bidder</b>
2(A)	For Mumbai 3D Eye Wear Passive	Light weight, easy maintenance. 150 No. of Glasses	

<b>Sr. No.</b>	<b>Items</b>	<b>Period</b>	<b>Whether offered</b>
1.	Comprehensive AMC for Mumbai	12 months after expiry of warrantee Complaints should be attended within 24 hours	Yes/No

**Financial Bid for Equipment's Digital Cinema Projection System**

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(A)	Digital Cinema Projector with 3D Passive System Screen Size-25x10.5Ft Hall Size- - 47x28.10Feet.				
2(A)	For Mumbai 3D Eye Wear Passive	Light weight, easy maintenance.			

**OPTIONAL**

Sr. No.	Items	Period	Amount
1(A)	Comprehensive AMC for Mumbai	12 months after expiry of warrantee Complaints should be attended within 24 hours	

Films Division is exempted from payment of Octroi Duty and necessary certificate will be issued , if required.

Company Rubber Stamp/Seal  
Of the firm/Company with date

**Signature of authorized signatory**

**Subject :-Open bid notice for Sound System Equipments for Re-recording Theatre-III, Films Division, Mumbai and Films Division Auditorium, New Delhi**

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 **Sound System Equipments one at Re-recording-III Theatre, Films Division, Mumbai and 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 Shri A.K.Singh, Chief Recordist and Shri K. Sethuraman (Consultant-Mob.09820844802) 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)

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5. The bid addressed to The Director General, Films Division, Mumbai should be dropped in drop box mounted on the wall of Phase-I building opposite the chowkidar's cabin at the entrance of Films Division, 24-Dr.G. DeshmukhMarg,Mumbai-400 026 up to **1.00 P.M.** on **02.12.2013** All outstations bids, if sent by post, should be sent under registered cover. This Organization will not be responsible for the loss of bid or for delay in postal transit. Bidders are advised in their own interest to ensure that their offer reaches this office well before the closing date and time of the bid as the offers received after the closing date and time of the bid will not be considered. The bids (Technical Bids) will be opened at **3.00 P.M.** on the closing date in the presence of the bidders or their representatives who may be present.

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9. All leviable 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.

10. 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 on **18.11.2013** at 12.00 Hrs.

11. 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.

12. 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.

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16. The supplier should offer a minimum warranty period for **12 months** for the equipments from the date of its supply.
17. 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.
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19. 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.

Yours faithfully,

( **ViploveRai Bhatia**)  
Director  
for Director General

Encl. : As above.

## Technical Bid for Sound System Equipments

Sr.No.	Items	Minimum acceptable specification	Technical specification offered by bidder
1(A)	<p>MUMBAI 7.1 Surround Sound Speaker-(THX Standard) 3xMain Speaker 4xSubwoofer 14x Surround 10x 900watt Dual channel Amplifier (450 per channel) 4in 12 out Cross over for LCR CP650 SR D EX Dolby Cinema Processor Auditorium Size- 47x28.10ft(length /width) 15ft.16.9ftand 18.9ft height from screen, Middle of hall and rear of the hall respectively. Or Equivalent processor</p>	<p>Main Speaker - Three-way Speakers (Hi-Mid-Low)</p> <p>Frequency response-30Hz to 20 KHz + - 3db</p> <p>Power Handling- 400 wattsMid- 150Watts, Hf-80 watts</p> <p>Sensitivity-Lf-107db/1w/1m, Mid and HF-118db/1w/1m</p> <p>Maximum SPL-128db-Mid-HF-138db</p> <p>Continuous</p> <p>Impedance-LF2x4ohms, MF-HF 8ohms nominal</p> <p>Crossover- 400hz active 6.5 Khz passive</p> <p><b>Subwoofer</b></p> <p>Frequency response -30hz to 100hz + or - 3db</p> <p>Power handling 400x4 watts continuous</p> <p>Sensitivity-99db1w/1m</p> <p>Maximum Spl-121db continuous</p> <p>Impedence-4ohms</p> <p>Driver should be -18inc</p> <p><b>Surround Speakers</b></p> <p>Frequency Response-80Hz to 20 KHz flat</p> <p>40 Hz to 18khz (iso2969x-curve selected)-10db</p> <p>Low frequency response— 10db@40hz</p> <p>Power handelng-150watts continuous</p> <p>Sensitivity-88db/1watt/1m</p> <p>Maximum spl-109db continuous, 115 peak</p> <p>Impedence-4 Ohms</p> <p>Crossover-2.6khzpassive, externally selectable flat or SMPTE/ISO2969X- Curve</p> <p><b>Power Amplifier</b></p> <p>450 watts dual channel or 900 single channel at 4ohms</p> <p>Output power (per channel)</p> <p>465 watts @ 4ohms, 290 watts @ 8ohms (both channels driven at 1KHz, &lt; 0.1% THD) 760 watts @ 8ohms, bridged mono; 930 watts @ 4ohms,</p>	

	<p>bridged mono</p> <p><b>Frequency response</b> 20 Hz-20 KHz, <math>\pm 0.2</math> dB 8 Hz-100 KHz, <math>\pm 3.0</math> dB</p> <p><b>Total harmonic distortion</b> 0.008%, 1 KHz, 8<math>\circ</math>; 0.005%, 100 Hz, 8<math>\circ</math>; 0.03%, 20Hz-20KHz, 8<math>\circ</math>□(at rated power)</p> <p><b>Signal-to-noise ratio</b> &lt;95dB A-weighted, below rated power (20 Hz-20 KHz)</p> <p><b>Crosstalk</b> -90 dB (20 Hz-1 KHz)</p> <p><b>Full power input sensitivity</b> 1.7 V rms</p> <p><b>Input impedance</b> 20 K Ohms, balanced</p> <p><b>Amplifier protection</b> Fuse less short-circuit protection, ultrasonic and RF protection, thermal protection</p> <p><b>Load protection</b> Turn-on delay, DC fault protection, ultrasonic limiting</p> <p><b>Cooling</b> Forced air</p> <p><b>Power</b> 230-240 VAC, 50-60 Hz</p> <p><b>Speaker Management System</b> Inputs: XLR balanced Outputs: XLR balanced Minimum Load: 150ohm User memories: 24 Recall memories: 24 VU metering: 7 led for Inputs [-20dBu up to +15dBu; Clip 7 led for Outputs [-15dBu up to +15dBu; Clip; Limit Output Leds can be used for displaying the Output level OR the Limiter activity THD+N: 0.001% at 1kHz 0dBu S/N: &gt;110dB Frequency Response: 20Hz-20kHz ; -0.5dBu at 20Hz and 20kHz Spdif input gain(Digital): 0dBu on RCA connector DSP Process Resolution: Dream SAM3716 DSP, 24x32 bit for filtering process 96 bits resolution on intermediate computation results Converters: 1xAK5392,24 bit A/D; 3xAK4396, 24bit D/A Display: Graphic 2x20 characters Sound Processes: Delay, Bell and Shelving filters on Inputs/Outputs, Delay, HP/LP and RMS Limiter on Outputs Parametric Equalization: 5 filters on each input assignable as Bell or Shelving7 filters</p>	
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		<p>on each output assignable as Bell or Shelving  Filter type: symmetrical Bell or High/Low Shelving up to second order  Filter gain: Bell and Shelving's gain is ranging from -15dBu up to +15dBu by 0.5dBu resolution steps  Centre frequency: selectable with a 1/24th of octave resolution steps from 20Hz up to 20kHz  Filter Q/BW: Q from 0.05 up to 3 by 0.05 resolution steps  X-Over HPF: from 1st order (Butterworth - 6dB/Oct) up to 4th Order(Butterworth, Linkwitz or Bessel -24dB/Oct)  X-Over LPF: from 1st order (Butterworth - 6dB/Oct) up to 4th Order (Butterworth, Linkwitz or Bessel -24dB/Oct)  Filter's Freq. resolution: 1/24th of octave  Limiter: RMS Limiter  Threshold: from 20dBu up to -10dBu  Attack time: Attack time from 5ms up to 200ms (1ms resolution up to 20ms, then 10ms resolution up to 100ms and 20ms resolution up to 200ms)  27. Release time: Release time from 0.1 sec up to 3 sec (0.1sec resolution)  28. Maximum Delay: 848.998ms by 21us increment/decrement steps</p> <p><b>Dolby CP650 Cinema Processor or equivalent</b>  Dolby Surround  Dolby Digital Surround EX  Dolby Digital (film/Bit stream)  Dolby SR/Optical Sound track  Digital Audio input for D- Cinema  8Ch analog inputs  Power pack and Audio rack  Installation and Calibration.  <b>Dolby Cat 702 digital Reader 2Nos for 35mm Film Projector</b></p>	
2(A)	<b>MUMBAI PA System</b>	<p><b>8 Chanel PA Mixer</b>  8 Mic/Line input  2XLR Output  4AUX Bus Out Put  1Headphone output  <b>Microphone</b>  2x Dynamic microphone  2XCordless UHF microphone  100 watts speakers 2 Nos with  Amplifier 1 No</p>	

**Financial Bid for Equipment's Sound System**

Name of the company/firm/Individual

VAT /Service Tax Registration No.

PAN Number

<b>Sr.No.</b>	<b>Item</b>	<b>Specification/ Model No.</b>	<b>Cost</b>	<b>Taxes, if any</b>	<b>Total Amount</b>
<b>1(A)</b>	MUMBAI 7.1 Surround Sound Speaker- 3xMain Speaker 4xSubwoofer 14x Surround 10x 900watt Dual channel Amplifier (450 per channel) 8in12out Speaker Management system Dolby CP650 Sound Processor or equivalent				
<b>2(A)</b>	MUMBAI PA System				

**OPTIONAL**

<b>Sr. No.</b>	<b>Items</b>	<b>Period</b>	<b>Amount</b>
1(A)	MUMBAI Comprehensive AMC	12 months after expiry of warrantee Complaints should be attended within 24 hours	Yes/No

Films Division is exempted from payment of Octroi Duty and necessary certificate will be issued , if required.

Company Rubber Stamp/Seal  
Of the firm/Company with date

**Signature of authorized signatory**

**Subject :-Open bid notice for System Integration for Re-recording Theatre-III, Films Division, Mumbai and Films Division Auditorium, New Delhi.**

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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 **two numbers System Integration one each at Re-recording-III Theatre, Films Division, Mumbai and Films Division Auditorium, New Delhi** The detailed specifications for the project may please be seen at **Annexure-A**

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Yours faithfully,

( **Viplove Rai Bhatia** )  
Director  
for Director General

Encl. : As above.

## Specification of System Integration

Sr.No.	Items	Minimum acceptable specification	Technical specification offered by bidder
1(A)	MUMBAI Audio, Video and Acoustics	<p>1. Supply Cables, Connectors and Mounting hardware</p> <p>2. Cabling, soldering for audio video /film equipment, Mounting projector, speaker and AV equipment's with guidance of equipment supplier and audio consultant. Equipment details given in Technical diagram.</p> <p>For Cable and connectors –The manufactures detail and technical data should be attached.</p> <p><b>Electrical</b></p> <p><b><u>Acoustics</u></b></p> <p><b>Baffle Wall and Speaker Mount</b></p> <p>Baffle Wall to be made for better sound reproduction as per: Constructed on a timber frame of 2x4s. On front and backside, attach with screws at least two layers of gypsum board (sheetrock). Fill 4" rock wool 40kg/cum between gypsum. The top outer layer must be a solid sheet material (preferably MDF), with a total thickness of all three layers at least 5". It should span from wall to wall and floor to ceiling and be very rigid. Make a cutout for each screen speaker. Make a cutout for mounting the subwoofer(s) Secure the speakers to the back wall of the room with heavy-gauge wire or the equivalent. Seal the space around the speakers with sound absorbing material like insulation or dense foam. Make sure the subwoofer does not cause any rattles. Cover the surface layer with acoustically absorbent material such as fiberglass or acoustical foam 32kg/cum, with an additional thickness of 1 - 1.5". The material must be black. Treat the space behind the baffle wall to</p>	

		<p>eliminate resonances. (For Detail Drawing visit Films Division</p> <p><b>Bass Trap Sound Absorber and diffuser</b></p> <p>15x28.10 feet Back wall. With the existing Acoustics additional bass trap and diffuser required. Fabric and wood can be use for outer look. For Technical drawing visit Films division Site. 4x15x2 sqft wall and 4x28.10 sqft ceiling are to be treated with sound absorber. For Drawing Visit Film division Site</p> <p>Screen frame</p> <p>Frame should be made with 3inch GI Pipe with Rigid support.</p> <p>(For Technical drawing refer Films Division Website)</p>	
2(A)	<b>MUMBAI Silver Screen</b>	<p>The Screen Size-25 x 10.5 feet.47 feet distance. (Without Mask Actual Projection Area) High gain 2.4 maximum Compatible 3D both active and passive. Compatible with conventional film Projection. Perforation size-Ø1.2mm (0.047") Perforation density-4.5% The height/side ratio should be 1:2.34. Material-PVC with aluminum coating Color-Silver Thickness-.03mm</p>	

**Financial Bid for 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
1A)	<b>MUMBAI Audio video and Acoustic</b>				
1(B)	<b>MUMBAI Silver Screen</b>				

Films Division is exempted from payment of Octroi Duty and necessary certificate will be issued , if required.

Company Rubber Stamp/Seal  
Of the firm/Company with date

**Signature of authorized signatory**