



Smart 7 D Cinema

Enjoy with Redefined Cinema



SERVE TILL SATISFACTION

SMART E SERVICES

PVT.LTD

7D theatre turnkey proposal

Summary of equipment & Scope of work

Snapshot

SMART 7D theatre uses comfortable seating system equipped with pneumatically run machines to provide cinematic entertainment to the viewers to make them feel a part of the cinema. The motion base performs a variety of motions which indulge the viewers completely into the characters of the movie. The seats incorporate special effects along with the other environmental effects in the theatre to provide non-stop excitement. A high quality 5.1 surround sound system adds the cherry on the cake. The theatre involves all the senses for a powerful and unrivalled experience. The viewers are so thrilled that they wish to experience the drama again and again and again. **The addiction, well, never stops!**

Seating: SMART 7D theatre uses seats, in options of **cinema type / sports type**, covered in durable leatherite with cushioned armrests and with an option of footrest. Control system and pneumatic equipment are installed under the seat and accessible by removable panels.

Motion: Pneumatically run 3dof motion with advanced directional proportional valve technology with 4 seats clubbed together on one motion base. The valve is of the reputed make – Festo or equivalent.

Seating system: Cinema type (black/ red)

Special Effects in seats:

EFFECTS IN SEATS

Neck Tickler	Dual air blast on the neck, left and right, that surprises the viewer
Back Pocker	An attention getting powerful poke at the back
Butt Tickler	Vibration felt through the seat cushion
Leg Tickler	Simulates on-screen rats, birds, snakes, shrubs, etc on the legs which makes the movie realistic and exciting
Air Blast	from back of seat in front (and a bar in case of the front row of seats, rear seats do not have or require rear Air Blast) directed at viewer in seat to the rear
Water Jet	Fine spray of water from back of seat in front (and a bar in case of the front row of seats, rear seats do not have or require rear water jet) directed at rider in seat to the rear

EFFECTS IN THEATER

Smoke	Smoke which rises up around the occupants
Flash	Strobes lights with suitable colour filter flash or flicker on command and to illuminate the smoke
Wind	Powerful fans create a strong airflow to simulate forward movement
Bubble	Bubble descent from the ceiling to cover the audience

Rain	Strong airflow and water create this
Snow	Artificial snow flakes descent from the ceiling to cover the Audience
Aroma	A selected aroma is distributed through the venting system with the smoke

Special Effects Machine Details:

- Bubble machine – Antari make or equivalent
- Strobe machine
- Snow machine – Antari make or equivalent
- Wind machine – ChaoBao make or equivalent
- Rain simulation – SMART Techno Projects Make
- Smoke machine – Antari make or equivalent

Stereoscopic Silver Screen:

- Perforated soft silver screen with screen fixtures/ trestle
- Compatible for 16:9 HD movies
- Size: 5m x 2.9m perforated screen
- Screen size could be re-designed as per the space available on the site

Special Effects

Modern 5D

We provide maximum number of special effects in the theater to maximise the excitement. There are effects in the seats and effects in the environment around the audience. The effects are customised according to the layout of the theater. Every effect is made in a way that the whole experience is not only surprising and thrilling, but is also entertaining. The customer is addicted to visit again!!!



Leg Tickler



Aroma Effect



Air Jet



Neck Blast



Snow Effect



Flash Light



Fog Effect



Water Jet



Back Pocker



Bubble Effect



5.1 Surround Sound



Butt Pocker



Wind Effect



Rain Effect

Pneumatic motion is programmed till 1/50th of a second using the world class FESTO proportional directional control valves. Our state-of-art pneumatic control technology guarantees that your theater remains robust, maintenance free and self tuned for years.



Other Equipment in the theater:

Particular	Specifications	Make
Sound System	5.1 Surround Sound with high quality sound processor	Speakers: Behringer or Reeloc DJ or equivalent Pre-amplifier: Behringer/ Denon/ or equal
Projector – 2 Nos.	3000 to 4000 lumens HD/ HD ready projector	Panasonic/ Casio/ Sharp/ or equivalent; whichever is suitable
Compressor	Screw type air compressor with silent canopy of suitable	Atlas Copco/ Elgi make
SMART Motion Simulation software	- Licensed for single user only	SMART Techno Projects
Computer & Video server	As applicable	
Goggles – 50 Nos.	Circular polarised goggles	As suitable

Payment terms: 60% at the signing of contract, 40% before despatch. Price is ex works.

Scope of work: Manufacture, supply, installation and commissioning of the 7D theatre system including SMARTMotion seats, control systems, 3D & 4D controller and projection system, Sound system, control software for audio, video, motion control and special effects.

Execution duration: 6-8 weeks from the date of receiving the initial payment equal to the 60% amount of the agreed price.

Training of the Operator: For regular operations and maintenance of machine, the customer may want to depute two qualified person. This person should have a Diploma in Electrical Engineering with knowledge of computers. He should preferably be available at the time the 7D theatre is being installed at site. He will be trained by our engineers at site in correct operational procedures of the machine, normal maintenance and troubleshooting practices during the installation and commissioning of the machine. The training period will be one week during the time of installation and commissioning.

Services: 1 year service guarantee with 3 visits for servicing the system and 2 urgent calls outs
Installation: To be done by engineers of SMART E SERVICES Private Limited

Software license: MODERN Motion Simulation Software is copyright software of Modern Techno Projects (P) Ltd i.e. **Sister concern of Smart e services Pvt.Ltd.** and is provided on license basis with the turnkey 7D theatre solution. Under no circumstances there should be any attempt to misuse, temper or copy the MODERN 7D Motion Simulation Software and the equipment comprising it.

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Warranty:

- (i) Products manufactured by Seller shall be guaranteed against defects arising from faulty materials or workmanship for a period of 12 (twelve) months from the date of commissioning.
- (ii) Products manufactured by others will be covered as per the warranty terms specified by the original manufacturer.
- (iii) Any consumables like projector lamps, fuses, contactors, filters, relays, etc are not included in the warranty. The Seller shall not be responsible for any electrical/ electronic defects arising due to any uneven electrical supply or uneven electrical ground (earthing). Any losses arising due to these issues at the site shall be borne by the Buyer.
- (iv) Misuse, unauthorised repair, failure arising from irregularities in the electricity supply, overloading, lack of servicing and maintenance, incorrect operation, damages by insects & rodents, flooding, consequential damages, normal wear etc. are excluded.
- (v) Any defect(s) or other faults, which may appear in the 7D Theater, shall be brought to the notice of Seller immediately in writing by the Buyer. If in the opinion of Seller the defect(s) is a result of defective workmanship or material, it shall at the option of Seller be replaced or repaired free of charge within a reasonable time commensurate with the nature of the defect(s).
- (vi) Under no circumstances shall the liability of Seller extend to consequential, liquidated, third party or incidental losses due to any failure or non-availability of the machine.

In case of violation of any of the above stated issues the Seller shall not be responsible for warranty of the product.

Maintenance:

1. The Seller agrees to provide complete training to the staff of Buyer, so that the staff of the Buyer is able to maintain the theater independently.
2. The Seller agrees to provide service support to the Buyer over the phone and the internet.
3. The Buyer shall pass on all the individual guarantees to the Seller of the items which are bought from other companies for integration.

TO BE ARRANGED BY THE BUYER (Not in scope of SELLER):

1. Civil and electrical works as per specifications to be provided.
2. Arrangement for lodging and boarding and conveyance of our staff during installation and during service visits. Travelling expenses during installation would be borne by Seller. Travelling bills incurred for all service visits would be borne by the Buyer. Buyer will pay Rs.300 per staff member per day and Rs.250 per labour per day as food expenses.
3. Fabrication of iron frame, covering the iron steps with wooden ply and carpet.
4. Acoustics of the theater and control room (to eliminate the noise level).
5. Air conditioning of the viewing area and control room.
6. UPS (5KVA) along with voltage stabiliser to be connected with the main supply for preventing the system from abrupt voltage fluctuations and power black outs.
7. Any other power backups.
8. Compressor oil – as applicable.
9. Electrical connections at the designated points.
10. Interior designing, colour schemes, patterns, beautification of the show area and any pre-show area.
11. Transportation and labour charges. Seller shall not be responsible for handling, moving the heavy machine parts. Buyer shall have to provide labour.

Price: Cost of equipment with special effects: Rs. 35,00,000/- only + VAT As applicable.

The above price includes excise duty but excludes sales tax/VAT and any other local taxes or levies like octroi.

Price is ex works Gwalior factory.

Our valued customers

Place	Location	Place	Location
01. C-21 Mall	Indore	27. City Centre 2 Mall	Kolkata
02. Dhillon Fun World	Patiala	28. Esteem Mall	Bangalore
03. Crystal Palm Mall	Jaipur	29. Marion Sky Mall	Rohtak
04. City Centre Mall	Raipur	30. Pink Square Mall	Jaipur
05. Ambience Mall	Gurgaon	31. Sun City	Balaghat
06. Paras Down Town Mall	Zirakpur	32. Rise On Plaza	Surat
07. City 36 Mall	Bilaspur	33. VCC Mall	Allahabad
08. Deen Dayal Mall	Gwalior	34. HUB Mall	Guwahati
09. Metropolis Mall	Gurgaon	35. Celebration Mall	Udaipur
10. Saharaganj Mall	Lucknow	36. Caculo Mall	Goa
11. Children's Traffic Park	Nagpur	37. Mani Square Mall	Kolkata
12. West End Mall	Delhi	38. Albion House, Mall Road	Shimla
13. Magneto Mall	Bilaspur	39. PVS Mall	Meerut
14. Celestial Dream World	Surat	40. Growel's 101 Mall	Mumbai
15. Moments Mall	Delhi	41. Raghuleela Mall	Mumbai
16. Samdareeya Mall	Jabalpur	42. North Gate Mall	Delhi
17. Express Avenue Mall	Chennai	43. Essel World	Mumbai
18. Picture Palace	Mussoorie	44. Shanti City Centre	Agra
19. Centre One Mall	Mumbai	45. Ansal Plaza Mall	Jodhpur
20. Eleganza Mall	Dehradun	46. Eastern Mall	Ranchi
21. Crown Interiorz Mall	Faridabad	47. Phoenix Mall	Chennai
22. The Peninsula Mall	Bathinda	48. Koregaon Park Plaza Mall	Pune
23. City Centre Mall	Nashik	49. Kumar Pacific Mall	Pune
24. Brookefields Mall	Coimbatore		
25. TDI Mall	Delhi		
26. EDM Mall	Delhi		



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