नाशिक महानगरपालिका, नाशिक
सार्वजनिक बांधकाम विभाग- नाशिक पश्चिम
कोटेशन निविदा सुचना

अ.क्र.	कामाचे नाव
१	नाशिक पश्चिम प्र.क्र.०७ मधील हिंदुहृदयसम्राट बाळासाहेब ठाकरे स्मृती उदयानात, एक्सपिरीयंस डिजीटल म्युझीयम तयार करणे या कामाकरीता प्राकलन तयार करणेसाठी दर पत्रक (कोटेशन दर) मागविणे.

- कामाची मुदत :- ३ दिवस

- कोटेशन फॉर्म मिळण्याची तारीख – दि.०४/०९/२०२५ ते दि.०९/०९/२०२५ पर्यंत राहील.

- कोटेशन मिळण्याचे ठिकाण- कार्यकारी अभियंता, सार्वजनिक बांधकाम विभाग, राजीव गांधी भवन, नाशिक महानगरपालिका, नाशिक.

- कोटेशन फॉर्म स्विकारण्याचे तारीख - १०/०९/२०२५ दुपारी ३.०० वाजे पर्यंत राहील.

सोबत जोडावयाची आवश्यक कागदपत्रे :-

१) मक्तेदार / दुकानदार / कारखानदार असल्याचे नोंदणीपत्र

२) GST नोंदणी प्रमाणपत्र

३) पॅनकार्ड

Sd xxx

कार्यकारी अभियंता

सार्वजनिक बांधकाम विभाग

नाशिक महानगरपालिका, नाशिक

TENDER FORM NO.		**00 / 00**			
NAME OF WORK		**PROPOSED DIGITAL MUSEUM OF SHRI**			
		BALASAHEB THAKRE , AT SMRUTI UDYAN			
		OLD PUMPING STATION ,WEST DIV NASHIK			
Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	PART A				
1	Providing & Fixing of Balasaheb Thackrey Signature - Design, fabrication, and installation of a brass metal cutout of Balasaheb Thackeray. The figure will be precision-cut using laser technology and mounted on the wall using corrosion-resistant brackets and fasteners. The brass will be polished to a reflective finish and treated with a protective coating to prevent tarnishing. Balasaheb Thackeray Signature Display Dimensions: Signature Plate Size: 4.27 Meter (W) × 1.53 Meter (H), Material:Brass Sheet, minimum thickness 0.003 Meter premium grade.Fabrication: Laser cutting for high precision edges and calligraphic integrity Edges to be hand-finished for safety and refinement Finish: Mirror-polished reflective surface Treated with anti-oxidation lacquer coating to prevent tarnish and corrosion.Mounting: Fixed using SS 304 corrosion-resistant brackets.Mounted flush offset from the wall with concealed supports.Material: Same laser-cut brass metal, 0.003 Meter thickness.Detailing:Profile cutout silhouette, emphasizing iconic pose or facial outline. Optional laser etching for inner details (subject to design approval.Finish & Mounting: Hand-polished, protective matte lacquered.Mounted using modular anchor systems suitable for both wooden wall. Providing & Fixing of 18mm Waterproof Plywood Wall (Height: 2.13 Meter x Width: 5.49 Meter).Material Specifications : Plywood Type: 0.018 Meter Marine Grade Plywood (BWP - Boiling Waterproof Grade) ISI Mark (as per Bureau of Indian Standards).Bonding: Phenol Formaldehyde Resin (PF bonded).Sheet Size Used: Waterproofing: Factory-treated waterproof grade. All exposed edges to be sealed with waterproof resin or PU sealant. Additional coat of wood preservative on rear side and bottom edge.Installation Support Framework:Fixed to Stud frame using rawl screws,Rubber spacers or foam padding at touchpoints for expansion buffer.Fixing Method:Plywood sheets screwed using Countersunk (CSK) stainless steel screws.Joints to be filled using PU wood filler for seamless finish.Edge cover strips if exposed. Surface Finishing Duco Paint finish:Duco Paint is a premium nitrocellulose-based lacquer paint known for its smooth, glossy, and luxurious finish.Gold finish Duco is created using metallic				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	pigments mixed with a clear lacquer base.Base: Nitrocellulose (NC) Lacquer.Pigment: Metallic Gold Powder (Aluminium Bronze,Gold Pearl Pigment).Thinner: NC Thinner (Fast Dry).Basecoat: NC Putty or Primer Surfacer for leveling surface.Top Coat: Clear lacquer coat.Lamination (High-Pressure Laminate).Cladding-ready surface for digital prints.ETC complete as per approved drwaings. With 2 years of Warenty and after that 3 years of comprehensive Mentenance				
		Nos	1.00		
2	Providing & Fixing of Reception Area - Supply and installation of a custom-designed wooden reception table for the museum. The table will be crafted from high-quality wood and Laminate designed to match the aesthetic of the museum's interior. Includes all necessary hardware and finishing to ensure durability and functionality.Supply and Installation of Wooden Reception Table size : 1.22 Meter wide x 0.60 Meter depth x 0.76 Meter height. The table will be crafted from high-quality wood and Laminate designed to match the aesthetic of the museum's interior. Includes all necessary hardware and finishing to ensure durability and functionality.Material used is high quality wood.The portrait will be hand-painted or printed on high-quality canvas, framed with durable materials to complement the museum's decor. The artwork will reflect the stature and legacy of Balasaheb and be installed prominently in the reception area. 1.52 Meter x 0.91 Meter, size of handpainted portrait of Balashaeb Thackery with his wife. Material shall be high quality canvas board. Framing and installation.Designer fabrication and installation of a wall featuring intriguing questions for visitors.Installation includes secure wall mounting and alignment for optimal display.Material will be durable aluminum with a matte black finish. Font will be projected and made using acrylic.Designing of Concept and Graphics.Ensures vibrant, eye-catching visuals that stimulate curiosity and interaction. Ideal for educational institutions, offices, or public spaces to inspire and engage visitors. high-quality vinyl printing for this wall. The vinyl shall be durable, fade-resistant, and feature vibrant colors. Installation includes surface preparation, precise alignment, and secure adhesion to ensure a seamless and professional finish. All materials and labor are included.Framing and Pasting of the Print: Durable adhesive, and premium paper for questions. Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	and durability. ETC complete as per approved drwaings. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
3	Providing & Fixing of Self Portrait A contemplative self-study where the artist captures a moment of stillness. The direct gaze meets the viewer with quiet confidence, while soft gradations in charcoal define the contours of a thoughtful expression. The background is intentionally muted, focusing attention on the face—revealing the inner landscape of the creator.Podium for Self Portrait Sculpture.0.05 Meterr diameter of the circular podium made out of high quality plywood that will be raise by 0.30 Meter. The material will be acrylic pedestal.Armature Construction for Self Portrait Sculpture.Stool for Self Portrait.Ground bolted easel for Self Portrait.Framed canvas Frame (1.22 Meter x 1.22 Meter).Framed mirror with frame (1.22 Meter x 1.22 Meter). Display Structure & Props. Circular Podium (1.83 Metre x 1.83 Metre) – Plywood + Acrylic Finish. Stool (Museum Quality, Wooden Finish). Ground-Bolted Easel (Steel with Finish Coating) Framed Canvas – Charcoal Portrait.Framed Mirror (1.22 Meter x 1.22 Meter) – Wall Mount. Armature Construction Material : Mild steel rods, aluminum pipes.Purpose: Internal skeleton that supports the Silicon model; designed for posture, balance, and proportion.Silicone for Casting Material: Platinum-cure medical-grade silicone rubber.Purpose: Realistic skin texture, durability, hypoallergenic, lifelike translucency.Product: Dragon Skin, EcoFlex, or similar.Mold Material.Material: Fiberglass, reinforced silicone, (for outer shell).Details: Outer jacket made of fiberglass + resin; holds inner silicone mold.Paint for Skin Tone.Material: Silicone pigment (Smooth-On's Silc-Pig). Method: Layered translucent tones using airbrush techniques to simulate real skin.Hair Insertion Material Natural hair (human), synthetic hair blend. Application: Individually punched into silicone using hot needles for realism. Eyes Material: Acrylic eyes with custom iris painting.Size: Standard human iris size (0.024 Meter).Clothes & Accessories Material: Fabric matching traditional attire, miniature tailoring.Finish: Wrinkle-resistant, color-fast, stitched to precise scale.DISPLAY STRUCTURE & PROPS MATERIALS.Circular Podium.Core: Marine-grade waterproof plywood (0.018 Meter thick).Stool Material: Polished wood (plywood) with cushioned seat. Design: Traditional style, integrated with the scene. Ground-Bolted Easel Material: Powder-coated MS square pipe. Fixing:				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Anchored using expansion bolts with anti-vibration pads.Framed Canvas: cotton-duck canvas stretched over wooden frame.Framed Mirror: 0.005 Meter thick silver-coated float glass.Frame: Decorative frame (MDF), painted to match canvas frame.Safety:ETC complete as per approved drwaings.				
	With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
4	Providing & Fixing of Samana & Marmik Exhibit-Designing of Concept and Graphics ,Saamna Section Communication Stratergies Charcoal & Conte Crayon	A minimalist yet powerful rendering of a meditating monk, this piece invites stillness and reflection. The gentle gradients and soft blending bring out a peaceful aura, enhanced by textured brushwork and symbolic depth.Designing of Concept and Graphics . Ensures vibrant, eye-catching visuals that stimulate curiosity and interaction. Ideal for educational institutions, offices, or public spaces to inspire and engage visitors. Printing on vnyl ,Saamna Section Communication Stratergies Charcoal on Canvas Board	This hand-painted piece captures a galloping horse mid-stride—an elegant portrayal of energy frozen in time. The expressive line work and tonal depth emphasize muscular form and momentum without losing artistic subtlety.high-quality vinyl printing for this wall. The vinyl shall be durable, fade-resistant, and feature vibrant colors. Installation includes surface preparation, precise alignment, and secure adhesion to ensure a seamless and professional finish. Kiosk Fabrication for 0.74 Meter x 1.37 Meter : This includes the design, fabrication, and installation of a kiosk to securely housed. The kiosk will be customized for durability and ease of use, ensuring ergonomic design for user interaction. The scope covers material selection, fabrication, finishing, and secure mounting of the touchscreen in the kiosk.Backlit Wall 8.56 Meter x 2.74 Meter & 9.91 Meter x 2.74 Meter .Charcoal and Graphite on Archival Sheet	Depicting ancient architecture or a forgotten pathway, this artwork transports the viewer to a moment lost in history. Using layered charcoal and erasing techniques, the painting blends realism with mystery,ideal for themed museum or heritage exhibitions. Framing and Pasting of the Print: Durable adhesive, and premium paper for questions. Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability.Designing of Concept and Graphics,Marmic Section Communication				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Stratergies.Designing of Concept and Graphics . Ensures vibrant, eye-catching visuals that stimulate curiosity and interaction. Ideal for educational institutions, offices, or public spaces to inspire and engage visitors.Printing on vnyl,Marmic Section Communication Stratergies Charcoal and White Chalk on Toned Paper	A hand-drawn celebration of the wilderness, this piece captures the serene beauty of a dense forest with intricate tree barks, leafy textures, and subtle lighting. The use of highlights and negative space evokes a sense of quiet movement in the undergrowth.high-quality vinyl printing for this wall.The vinyl shall be durable, fade-resistant, and feature vibrant colors. Installation includes surface preparation, precise alignment, and secure adhesion to ensure a seamless and professional finish. All materials and labor are included.Vinyl Type: High-performance cast vinyl (3M).Thickness: 80–100 microns.Finish: Satin (as per design intent).Printing: UV/solvent/latex inkjet printing in 1440 DPI resolution.Color Quality: Vibrant, fade-resistant, long-lasting colors with at least 5–7 years indoor durability.Lamination: Anti-scratch, UV-protective film lamination (optional but recommended for high-traffic areas).Surface Preparation:Cleaning and priming of the wall surface to remove dust, oil, and imperfections.Minor levelling or patching where necessary.Application:Alignment using laser levels and masking tapes.Seamless joining of panels (if applicable) to avoid visible overlaps.Use of professional-grade adhesive and squeegee tools for bubble-free application.Adhesion Type:Pressure-sensitive adhesive (permanent or removable as specified).Edge sealing where necessary to prevent peel-off in high-humidity areas.Hanging Info Flaps 0.08 Meter x 0.91 Metre x 2.74 Metre -Hand-painted Charcoal on Paper	A soulful black-and-white portrait capturing the intensity of human emotion through delicate charcoal strokes. The deep contrasts between light and shadow bring out the texture of skin and the quiet expression of introspection. Each line is meticulously hand-rendered, giving the artwork a raw, timeless depth.Base Material:0.018 Metre MDF or waterproof plywood, laser-cut to flaps. Finished with smooth edges, primer coat.Artwork Surface 350 GSM handmade textured art paper, acid-free, fixed on base using archival adhesive. Surface treated with fixative spray for charcoal protection.Charcoal Art Hand-painted using premium charcoal pencils and sticks.Each flap features a unique detail or expressive portrait section. Hanging Mechanism				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Stainless steel pivot pin or concealed brass hinges for flexible hanging/movement. Designed to be flipped or swiveled by the viewer. Soft-close damper optional for interactive formats. Frame or Edge Finishing Polished or matte-finish wooden edge banding; Duco-coated or veneer finish optional.Protective Coating Clear matte varnish or UV-resistant layer over artwork to prevent fading/smudging.Back Panel Fixing Mounted on vertical support board or metal rods using precision brackets, aligned at ergonomic height (eye level or hand level).ETC complete as per approved drwaings.				
	With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
5	Providing & Fixing of Dasara Rally Exhibit - Designing of Concept and Graphics . Ensures vibrant, eye-catching visuals that stimulate curiosity and interaction. Ideal for educational institutions, offices, or public spaces to inspire and engage visitors.Printing on vnyl -Of Vijayadashami (Dasara), the rally was not merely a public gathering—it was a declaration of vision, strength, and solidarity. It marked the time when Balasaheb would address lakhs of Shiv Sainiks, outlining the party's stance, igniting passion, and setting the tone for political discourse in Maharashtra. His fiery oratory, symbolic tiger iconography, saffron flags, and the emotional connection with the Marathi manus formed the backbone of this rally.Kiosk Fabrication for 0.74 Meter x 1.37 Meter : This includes the design, fabrication, and installation of a kiosk to securely housed. The kiosk will be customized for durability and ease of use, ensuring ergonomic design for user interaction. The scope covers material selection, fabrication, finishing, and secure mounting of the touchscreen in the kiosk.Component Specification Vinyl Type 3M or Avery Dennison high-quality cast vinyl with grey adhesive backing.Finish Matte (non-reflective for gallery/museum lighting).Color Process CMYK + Light Cyan 8-color eco-solvent or latex printing for vibrancy.Resolution Minimum 1440 DPI for life-size photo clarity and text readability.Protection Layer UV lamination (cold lamination film) to prevent fading and wear.Surface Preparation Wall sanding, primer base coat, moisture check before mounting.Mounting Bubble-free application with precision alignment, edge sealing for long life.Seams/Paneling Seamless finish with overlap technique or paneling for very large formats.Safety Fire-retardant rated material (on request),VOC-compliant ink.Framing and				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Pasting of the Print: Durable adhesive, and premium paper for questions. Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability.Vynly Printing Surface 5.79 Meter x 2.74 Meter:Material: Premium coated art paper (minimum 300 GSM) or synthetic paper for durability.Finish: Matte satin (non-glare for indoor viewing).Print Quality : High-resolution (minimum 1440 DPI), full-color with fade-resistant, UV-stable inks.Pasting Process:Adhesive: Industrial-grade, non-toxic, anti-bubble adhesive (Fevicol Marine) ensuring wrinkle-free mounting.Surface Prep: Dust-free, dry-cleaned surface; laser-aligned pasting to ensure edge precision.Application: Cold lamination or heat-press rolling as required for surface type.Framing:Frame Type: Aluminium section or powder-coated MDF wooden profile (based on interior theme).Mounting: Wall-anchored using corrosion-resistant screws, with wall plugs for concrete walls. Shatterproof acrylic sheet (0.004 Meter) for protection.Alignment: Laser-guided level check for uniform visual lines across.Safety: All corners rounded or capped; all materials fire-rated and compliant with museum standards.Tamper-proof mounting for public spaces.Minimal maintenance, long-life display solution.Vandalism-resistant (if required, add optional lamination).Content easily readable from 1.52 Meter viewing distance.Framing and Pasting of the Print: Plywood Framing of 2 walls, Durable adhesive, and premium paper for questions. Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability.Plywood Framing:Material: 0.018 Meter marine-grade waterproof plywood (ISI-marked).Treatment: Termite-proof and fire-retardant coating.Finish: Laminate or Duco paint as per interior design aesthetics.Frame Size: Custom sized along wall length (height as per design) – total running length:Support Structure: MS tube bracing (if needed) with concealed fixtures for load stability.Print Surface:Paper Type: Premium coated art paper (minimum 300 GSM) or synthetic tear-resistant paper.Printing: High-resolution, UV-resistant, fade-proof inkjet printing.Surface Finish: Matte (for glare-free viewing under artificial lighting).Adhesive & Mounting:Adhesive: Industrial-grade, anti-bubble adhesive (e.g.,Fevicol SH) for secure and even application.Mounting: Precision pasting over plywood base with edge sealing. No visible warping : Transparent laminate film for additional surface protection.Alignment &				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Safety:Installation: Laser-level alignment to maintain symmetry and professional appearance.Safety: Rounded or capped corners; all components meet museum-grade fire safety and durability norms.Seamless and professional display aesthetic.Long-lasting materials and finishes suitable for high footfall public space.Resistant to moisture, fading, and warping.Enhanced readability and viewer engagement.ETC complete as per approved drwaings. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
6	Providing & Fixing of Protest Exhibit - Designing of Concept and Graphics . Ensures vibrant, eye-catching visuals that stimulate curiosity and interaction. Ideal for educational institutions, offices, or public spaces to inspire and engage visitors.Framing and Pasting of the Print: Duco Finish with Pylwood Framing, with water proofing, Durable adhesive, and premium paper for questions. Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability.Kiosk Fabrication for 0.74 Meter x 1.37 Meter : This includes the design, fabrication, and installation of a kiosk to securely housed. The kiosk will be customized for durability and ease of use, ensuring ergonomic design for user interaction. The scope covers material selection, fabrication, finishing, and secure mounting of the touchscreen in the kiosk.Plywood Framing:Material: 0.018 Meter BWP (Boiling Water Proof) grade plywood.Treatment:Waterproofing: Sealed with synthetic resin coating to resist moisture and humidity.Anti-termite and fire-retardant treatment to meet safety standards.Finish:Duco Paint Finish – Smooth, semi-glossy finish using automotive-grade Duco paint in a color aligned with design specifications.Sanded and primed for even paint absorption.Vynly Printing Surface 4.62 Meter x 2.74 Meter and 6.76 Meter x 2.74 Meter:Material: Premium coated art paper (minimum 300 GSM) or synthetic paper for durability.Finish: Matte satin (non-glare for indoor viewing).Print Quality: High-resolution (minimum 1440 DPI), full-color with fade-resistant, UV-stable inks.Pasting Process:Adhesive: Industrial-grade, non-toxic, anti-bubble adhesive (Fevicol Marine) ensuring wrinkle-free mounting.Surface Prep: Dust-free, dry-cleaned surface; laser-aligned pasting to ensure edge precision.Application: Cold lamination or heat-press rolling as required for surface type.Framing:Frame Type: Aluminium section or powder-coated MDF wooden profile (based on				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	interior theme).Mounting: Wall-anchored using corrosion-resistant screws, with wall plugs for concrete walls. Shatterproof acrylic sheet (0.004 Meter) for protection.Alignment: Laser-guided level check for uniform visual lines across.Safety: All corners rounded or capped; all materials fire-rated and compliant with museum standards.Tamper-proof mounting for public spaces.Minimal maintenance, long-life display solution.Vandalism-resistant (if required, add optional lamination).Content easily readable from 1.52 Meter viewing distancePrint Medium:Material: Premium coated art paper (minimum 300 GSM) or synthetic film for longer life.Print Quality: High-resolution UV-resistant ink printing for durability and color vibrancy.Size: Accurately printed sections in display length.Surface Finish: Matte to reduce glare and improve readability.Adhesive & Mounting:Adhesive: Industrial-grade non-warping adhesive (e.g., Fevicol SH).Installation:Precision-aligned pasting on prepared Duco-painted surface.Smooth, bubble-free application with edge sealing.Clear matte lamination film for protection from dust and abrasion.Framing & Mounting:Frame Structure: Concealed internal wooden or aluminum framework for support.Fixing: Screw-fastened or bolt-mounted for permanence; all fixtures corrosion-resistant. Safety & Aesthetic:Edges to be smoothened and finished for safety. Laser-aligned for professional appearance.Flush-mounted against wall to avoid protrusion. Moisture-resistant, termite-proof, long-lasting framing. Smooth, elegant Duco paint finish for modern display. Fade-proof and high-resolution graphics.Secure and flush wall mounting ensures both safety and clean aesthetics.Framing and Pasting of the Print: Duco Finish with Pylwood Framing, Durable adhesive, and premium paper for questions. Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability.Framing Structure.Material: High-grade 18mm BWP (Boiling Water Proof) plywood for longevity in controlled indoor environments.Finish:Duco Paint Finish (Automotive-grade) applied over sanded surface with putty and primer.Smooth, semi-gloss or matte finish to match the design scheme.Available in colors as per client requirement.Water & Moisture Resistance:All plywood edges and surfaces treated with waterproof coating.Ideal for areas with ambient humidity or temperature fluctuations.Print Material Print Medium: Premium 300 GSM art				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	paper or synthetic printable vinyl.Printing Type: High-resolution UV-resistant printing.Surface Finish:Matte finish to reduce light reflection.Optional: Anti-scratch or anti-glare lamination.Print Mounting:Adhesive: Industrial-grade bonding adhesive (e.g., Fevicol SH) for flat, wrinkle-free adhesion.Manual alignment and pasting with roller for bubble-free finish.Framing & Mounting Surface:Internal support frame of aluminum to support longer spans.Edges sealed and smoothened for safety. Installation:Wall-fastened using anchor bolts or screws.Alignment checked using laser tools to ensure clean lines and symmetry.Safety & Durability All materials used are fire retardant, non-toxic, and formaldehyde compliant. Adhesives and paints conform to interior safety codes and museum-grade display standards. Framing 18mm Waterproof Plywood with Duco Finish (pre- polished & treated) Print Material 300 GSM premium paper / printable vinyl. Adhesive Industrial-grade, non-warping for long-term adhesion Installation Precise pasting + Frame anchoring to wall.Finish Quality Museum-grade, matte or semi-gloss based on aesthetic requirement.Framing and Pasting of the Print: Metal Framing on one wall with Black powder coating, Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability. Framing Structure Material:Mild Steel (MS) Square Pipes – 0.30 Meter x 0.30 Meter thickness depending on structural load.All joints fully welded and smoothened.Coating:Black Powder Coating Finish – matte or semi-gloss.Electrostatic application with oven curing to prevent chipping, corrosion, or fading.Aesthetic-grade and durable for interior environments.Print Material Print Medium:High-resolution photo vinyl or laminated art paper (300 GSM), printed using UV-resistant inks.Surface Finish:Matte lamination to reduce glare from museum lighting.Scratch-resistant protective coating.Print Mounting Sub-base: MDF used behind print for support and rigidity. Mounted inside the metal frame using concealed clamps or adhesive. Adhesive: Industrial-grade adhesive (Fevicol SH) ensuring bubble-free application.Prints aligned manually and pressed using a roller for seamless finish.Mounting & Installation Fixing Method: Wall-mounted using anchor fasteners and nylon rawl plugs. Frame edges sealed to prevent dust ingress. Alignment:Laser-guided placement for accurate leveling and spacing.Safety & Durability. Metal frame meets indoor architectural safety standards. All components				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	are non-corrosive, flame retardant, and designed for high-traffic interior spaces. Framing.Mild Steel Frame with Black Powder Coating.Print Material Premium Laminated Art Paper (300 GSM).Adhesive Industrial grade, long-lasting. Mounting Surface MDF board within metal frame.Installation Wall-mounted, securely fastened and laser-aligned.Finish Quality Museum-grade, matte black industrial finish. With 2 years of Warenty and after that 3 years of comprehensive Mentenance				
		Nos	1.00		
7	Providing & Fixing of Artist & Celebreties Exhibit - Designing of Concept and Graphics . Ensures vibrant, eye-catching visuals that stimulate curiosity and interaction. Ideal for educational institutions, offices, or public spaces to inspire and engage visitors. Backlit Wall 3.35 Meter x 2.74 Meter and 6.30 Meter x 2.74 Meter.Charcoal and Graphite on Archival Sheet -Beyond politics, Balasaheb Thackeray was a magnetic force who drew India's biggest film stars and sports icons into his circle—not through power, but through respect, ideology, and unwavering support. This exhibit unveils a rare, personal side of the Sena supremo: the patron, protector, and personal friend of celebrities from the silver screen to the cricket pitch. Print Material Media Type:Premium white-back monomeric vinyl (3M) Thickness: 100–120 microns Water-resistant, tear-proof, and flexible Print Quality:Printed using UV inks at 1440 DPI.Color rendering optimized for rich blacks and vibrant saffron tones.Fade-resistant (life: 3–5 years indoors without yellowing). Lamination :Matte cold lamination film to protect against scratches and light reflection. Enhances depth and clarity of imagery in controlled lighting conditions.Installation & Surface Preparation Surface: Pre-cleaned, dry, and dust-free wall MDF.Sanded smooth if needed for bubble-free adhesion.Mounted using heat gun + industrial-grade squeegee application.Seamlessly joined where required with overlap and edge alignment.Wrinkle-free, edge-sealed to avoid peeling.Alignment: Visual guides or laser leveling used to maintain vertical and horizontal consistency.Content segmented for clarity, and backed with mild foam tape if necessary to prevent air gaps.Material Monomeric Vinyl (120 microns).Print Resolution High-res (1440 DPI) with UV/Eco-solvent inks. Matte Cold Lamination Film (anti-scratch, anti-reflection).Mounting Surface Flat wall – prepped MDF.Adhesion Method Heat-activated adhesive with roller finish.Durability 3–5 years indoor life; fade and tear-resistant.Aesthetic Museum-grade finish				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	with strong black tone reproduction.Framing and Pasting of the Print: Metal Framing on one wall with Black powder coating, Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability. Framing Structure Material:Mild Steel (MS) Square Pipes – 0.30 Meter x 0.30 Meter thickness depending on structural load.All joints fully welded and smoothened.Coating:Black Powder Coating Finish – matte.Electrostatic application with oven curing to prevent chipping, corrosion. Aesthetic-grade and durable for interior environments.Print Material Print Medium: High-resolution photo vinyl or laminated art paper (300 GSM), printed using UV-resistant inks.Surface Finish:Matte lamination to reduce glare from museum lighting.Scratch-resistant protective coating.Print Mounting Sub-base: MDF (Aluminum Composite Panel) used behind print for support and rigidity.Mounted inside the metal frame using concealed clamps or adhesive. Adhesive: Industrial-grade adhesive (Fevicol SH) ensuring bubble-free application. Prints aligned manually and pressed using a roller for seamless finish.Mounting & Installation Fixing Method:Wall-mounted using anchor fasteners and nylon rawl plugs.Frame edges sealed to prevent dust ingress. Alignment: Laser-guided placement for accurate leveling and spacing.Safety & Durability.Metal frame meets indoor architectural safety standards.All components are non-corrosive, flame retardant, and designed for high-traffic interior spaces. Framing.Mild Steel Frame with Black Powder Coating.Print Material Premium Laminated Art Paper (300 GSM).Adhesive Industrial grade, long-lasting.Mounting Surface MDF board within metal frame.Installation Wall-mounted, securely fastened and laser-aligned.Finish Quality Museum-grade, matte black industrial finish.ETC complete as per approved drwaings.ETC complete as per approved drwaings. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
8	Providing & Fixing of Mix Photos Exhibit - Framing and Pasting of the Print: Durable adhesive, and premium paper for questions. Frames to be securely mounted, ensuring alignment and aesthetic appeal. All materials to meet industry standards for safety and durability. Size 5.18 Meter x 1.68 Meter. Print Material Media Type:Premium-grade archival photo paper (250 GSM).Matte finish to reduce glare under spotlights.Acid-free and water-resistant.Print Quality:.Printed at high-resolution 1440 DPI				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	using archival pigment inks.Color-corrected for true skin tones, black-and-white depth, and vintage tints where needed.Long-lasting, fade-resistant (lifespan: 5–7 years indoor). Framing Frame Material:Engineered wood or MDF frame with matte black or natural finish.Width: 0.45 Meter profile for clean, modern aesthetic.Backed with 3mm MDF or foamboard for stability.Front protection : Acrylic glass (0.002 Meter) for anti-glare protection. Mounting:Frames to be securely wall-mounted using steel hooks, clamps. Aligned using spirit level or laser guides. Frames spaced consistently (gap 0.05 Meter) if multiple photos are grouped). Adhesive & Pasting. Adhesive: Industrial-grade, pH-neutral spray mount or double-bond tape.Ensures smooth, wrinkle-free mounting of prints onto backboard. Non-yellowing and safe for long-term archival quality. Finishing Touches:Cleaned with microfiber after fixing.Corners checked for edge curling or misalignment.Print Material Archival Photo Paper, 250 GSM, matte.Print Quality 1440 DPI, pigment ink, fade-resistant.Frame Material Engineered MDF with matte finish. FrontProtection Optional acrylic sheet (anti-glare). Adhesive Used pH-neutral industrial spray/double tape. Mounting Wall-mounted with precision alignment. Durability 5–7 years indoor life, museum-grade standards. Aesthetic Appeal Clean, uniform, professional photo exhibit with contemporary styling.ETC complete as per approved drwaings.				
	With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
9	Providing & fixing of Shiv Sena Shakha Gate - Shiv Sena Shakha Gate Supply and installation of FRP Mural, including design, fabrication, and mounting. The mural should be made of high-quality Fiber Reinforced Plastic, weather-resistant, and UV-stable. Dimensions and design as per approved drawings. All necessary fittings and fixtures included. Exterior Wall Dimension : 7.75 Meter x 3.66 Meter.Material Specifications.FRP (Fiber Reinforced Plastic) Panel Composition: High-strength fiberglass mat and resin composite.Thickness: 0.01 Meter (depending on structural load and relief depth).Finish:Weatherproof gel coat finish (in colors as per design).UV-stable pigments to prevent fading.Anti-scratch and semi-gloss finish for durability.Fire-Retardant Grade.Design & Artwork.Moulding Process:CNC-machined base moulds for precision.Hand-cast elements for artistic detailing.Seamless joint finish.Painting & Detailing.Paint Type:Acrylic polyurethane-based				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	paints with UV-resistance.Hand-painted touch-ups for intricate artwork.Final protective PU clear coat for weatherproofing.Structural & Mounting Details.Mounting Frame.Rust-proofed and painted for longevity.Fixing System:Anchor bolt fixing to Metal pillars.FRP panels mounted with SS bolts or rivets, concealed caps for aesthetics.Provision for thermal expansion and air gap behind for ventilation.Installation & Finishing. Surface Preparation: Site measurements and surface leveling.Base structure alignment check.Primer coat on frame.Safety Compliance:Scaffolding and safety gear used for heights.Mural Material FRP (0.01 Meter thick), weatherproof, UV-resistant Finish PU-coated, gel-coat surface, custom paintwork.Substructure Galvanized MS frame (0.04 x 0.04 Meter), anti-rust painted.Artwork 3D mural design based on Shiv Sena themes. Mounting Type Anchor bolts, concealed SS screws/rivets.Inclusions Design, fabrication, transportation, fixing, finishing, all hardware & adhesives.Posters wall mounted size 1.04 Meters x 0.23 Meter.ETC complete as per approved drwaings.				
	With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
10	Providing & Fixiing of Augumented Reality Theatre - Assan for Balasaheb 1 Premium Chair 0.46 Metre x 0.46 Metre other 4 General Chairs 0.41 Metre x 0.41 Metre in premium fabric, designed to match the 1998 video of Balasaheb. High-quality craftsmanship, durable frame, and plush cushioning for ultimate comfort. Ideal for living rooms, offices, or lounges.Supply and Installation of Tea Table 0.61 Metre x 0.91 Metre: This includes the supply and installation of a tea table, designed for functionality and aesthetic appeal. The scope covers delivery, assembly, and placement at the designated location. The tea table will be made from durable materials, ensuring longevity and style, with all necessary installation labor and accessories included.Finished in walnut veneer. Suitable for office or home use.Supply and install photo frames in the Room, each measuring 0.91 Meter x 0.60 Meter. Frames to be of high-quality material, with secure mounting and professional finish. Includes all labor, materials, and installation hardware.Providing & Fixing of Exterior Wall - 5.18 Metre x 2.74 Metre and 2.82 Metre x 2.74 Metre, along with 0.6 Meter x 0.6 Meter Acoustical Ceiling System with Armstrong make Modular ceiling Grid with Necon Accoustical Board tiles. The Size may vary based on the latest available product fitment.				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Approved Makes Ceiling Grid System:Acoustical Tiles:Necon or equivalent acoustic board tiles.Technical Specifications.Ceiling Grid System (T-Grid Modular Framework).Main Tee Sections:Pre-coated GI, 0.024 Meter wide, 0.00045 Meter thickness Length: 3.6 Meter Cross Tee Sections:0.60 Meter and 1.2 Meter, same profile.Wall Angle:Pre-coated GI angle, L-profile, min 0.00045 Meter thick.Perimeter secured using mechanical fasteners.Suspension System.Hanger Wires: GI wire, 0.0004 Meter dia, fixed with rawl plugs/anchor bolts.Spacing: Hangers every 1.2 Meter and main tees every 1.2 Meter.Leveling: Laser-level checked, maximum variation ≤ 1mm per meter.Acoustical Tile (Necon or Equivalent).Size: 0.6 Meter x 0.6 Meter (± as per manufacturer availability) Thickness: 0.012 Meter.Core Material: High-density mineral fiber or fiberglass.Finish: Micro-perforated surface with laminated white or custom textured coating.Properties:NRC (Noise Reduction Coefficient): ≥ 0.55.Light Reflectance: ≥ 85%.Humidity Resistance: RH 90–95%.Fire Rating: Class A (as per IS/ASTM standards).Installation & Finishing.Ceiling grid to be suspended using GI wires and installed to level alignment.Ceiling tiles to be laid into grid system with clean edges and snug fit.All visible elements to be free of rust, paint damage, or distortion.Providing and fixing Single leaf acoustical door acoustical flush door as per general layout & working drawing. 0.035 Meter thick flush door fixed with 125x25x25 brass railway type hinges & outside surface of door to be finished front side in 0.0001 Meter thick Laminate as per approved shade and sample and other side with Nucon Accoustical board.Providing and fixing in position 0.01 Meter clear float toughened Glass for fremless glass door. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., and then toughening the same. The cost to include all hardware required viz., Dorma make floor spring with its accessories, top pivot, center lock,0.45 Meter glass door handles etc., along with etching with sand blasting as per design and drawing. The maximum size of each glass shall be as per the drawing or the direction of the architec. The rate is for a finished item of work etc., complete as directed.Providing and installation Accoustical wall panneling having 0.012 Meter Commercial Plywood finish with Nucon Accoustical board (Single layered).Supply and installation of acoustical wall paneling comprising 0.012 Meter commercial-grade plywood backing, overlaid with				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	a single-layer Nucon acoustical board, finished for both sound absorption and aesthetic appeal. The system must be securely fixed to the wall and conform to acoustic performance and fire safety standards. Material Specifications: Base Plywood.Type: Commercial-grade ISI: Mark plywood.Thickness: 0.012 Meter.Finish: Factory-calibrated, termite-resistant.Moisture Content: ≤ 12%.Backing: Screwed or fastened to aluminum/wood frame system with proper air gap.Acoustical Layer (Nucon Board).Type: Nucon Acoustic Board – single-layered. Thickness: 0.012 Meter. Material: High-density mineral fiberglass core. Surface: Fabric- wrapped as per design.NRC (Noise Reduction Coefficient): ≥ 0.60.Fire Retardant: Class B or better (as per ASTM / IS standards).Board Fixing: Adhesive + mechanical fasteners to plywood base. Framework Material: Aluminum 'U' channel frame.Spacing: 0.6 Meter c/c horizontally and vertically.Wall Clearance: 0.05 Meter gap for acoustic performance.Fixing: Rawl plugs, nails, screws depending on wall material.Installation & Finish Surface should be clean, dry, and leveled before fixing.Laminate covering with acoustic breathable backing.ETC complete as per approved drwaings. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
11	Providing & Fixing of Holographics Theatre - . Dimensions of the Theatre 7.62 Metre x 7.62 Metre : Internal Size:Length: (7.62 Meter) Width: (3.96 Meter) Height: (4.57 Meter). Inside Stage Dimensions : 3.66 Metre x 7.62 Meter. Other than Stage Area Dimensions : 3.96 Metre x 7.62 Metre.Internal Volume: ~4,620 cubic feet.STRUCTURAL FRAME (Load-Bearing Skeleton) Material Mild Steel (MS) box section – 0.05 Meter x 0.05 Meter.Treatment Anti-rust primer + PU enamel paint.Load Design Designed for 50 kg/sqm load bearing.Anchoring Base plates bolted to flooring.WALLING SYSTEM (ACOUSTIC & PROJECTION READY) Exterior Wall Paneling Material: 0.018 Meter Marine Ply.Finish: Duco paint.Insulation: Rockwool wool 0.05 Meter (48kg/m³ density). Interior Wall Surface (Projection Zone,Surface: Flat, seamless black painted Acoustic Fabric Soundproof Layering: 0.012 Meter Commercial Ply,0.05 Meter. Rockwool infill,0.006 Meter. Acoustic Board,Final layer: Acoustic fabric (matte black).STC Rating: Target ≥ 45 dB sound isolation. ACOUSTICAL TREATMENT (Ceiling + Walls + Doors) Ceiling 0.012 Meter perforated gypsum tiles over 0.05 Meter glass wool; black acoustical fabric ceiling grid.Side Walls				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Combination of Nucon panels, acoustic foam, bass traps.Doors Double-layer MDF with rubber gasket seals, acoustic threshold drop-down seal.Flooring Wooden frame false floor with acoustic carpet or vinyl + underlay foam sheet for vibration absorption.ISI-certified Mild Steel (MS) tubular framework.Reverberation Control: Wall and ceiling absorption coefficients optimized for ≤0.5 RT60.Ventilation Silencers: All air inlets & exhausts routed through lined acoustic baffles.ETC complete as per approved drwaings. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
12	Providing & Fixing of Overall Museum Interior - Duco Paint of the Wall- is a high-quality, quick-drying nitrocellulose-based paint, commonly used for delivering a smooth, rich, and elegant finish to interior walls, wood, and metal surfaces. Originally used in the automotive industry, Duco has now gained popularity in high-end architectural and interior applications due to its mirror-like gloss, durability, and premium look.Application of Duco paint on wall surfaces, including surface preparation, priming, and finishing coats. Ensure smooth, even coverage and adherence to specified color and quality standards. Includes all necessary materials, labor, and equipment for a complete and professional finish. Size 304 RMT.Surface Preparation: Thorough sanding and cleaning of the wall surface to ensure smoothness and the removal of dust, grease, or any contaminants. Priming: Application of an appropriate primer compatible with Duco paint to enhance adhesion and base uniformity.Putty Work:Use of NC Putty to fill imperfections, cracks, or joints to create a level surface.Base Coating:Application of base coats to build opacity and prepare the surface for the topcoat.Duco Top Coat Application: Spray application of Duco topcoat using a high-pressure spray gun to achieve a uniform, rich, and glossy finish.Buffing and Polishing:After curing, surfaces can be buffed to increase sheen and smoothness.Material Specifications:Paint Type: Nitrocellulose-based Duco Paint - Asian Paints.Finish: Matt.Wall Paneling 0.10 Meter: Supply and install wall paneling/partition with thickness ranging from 0.10 Meter, including framing, insulation, and finishing. Ensure proper alignment, secure fixing, and smooth surface ready for painting or other finishes. Suitable for interior spaces, providing sound insulation and structural integrity. Size 591 RMT.General Painting of the Walls -o the application of emulsion or acrylic-based paints on interior or exterior wall surfaces to provide protection, visual				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	enhancement, and a finished aesthetic appearance. The paint serves both functional and decorative purposes, ensuring a clean, uniform backdrop suitable for public, residential, or commercial environments. Size 609 RMT.Computer Table: Sturdy wooden computer table with a smooth laminate finish, featuring a spacious tabletop, pull-out keyboard tray, and built-in cable management. Includes a lower shelf for CPU storage and additional shelving for accessories. Dimensions: 1.2 Meter x 0.6 Meter x 0.75 Meter. Easy assembly with included hardware.Ergonomic computer chair with adjustable height, lumbar support, and 360-degree swivel. Features breathable mesh back, cushioned seat, and durable caster wheels. Ideal for office or home use, ensuring comfort and productivity during extended periods of sitting.ETC complete as per approved drwaings.Supply and installation of durable barricading stands, including all necessary materials and labor. Stands to be made of high-quality metal, with a stable base and reflective tape for visibility. Suitable for construction sites and public safety. Ensure compliance with safety standards and regulations. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
	PART B				
1	Supply and installation at the Reception of an All-in-One Computer, features include i5 processor, 16GB RAM. Preferred brands are Lenovo. Designed to be placed at the reception desk for administrative tasks.All in One Computer (i5,16GB RAM, make : Lenovo) for reception table.Supply and installation of a Thermal Ticket Printer.Supply and installation of high-quality, thermal sensitive paper provided in roll format, known as Printing Thermal Rolls.Supply and installation of ticketing software which includes program setup. This software should allow efficient tracking, selling, and managing of tickets.This includes the seamless integration of all hardware and software components. The work involves configuring the system architecture, ensuring proper connections, and aligning different technologies to work together. It covers network setup, device installation, and establishing communication protocols for smooth interaction between components.This involves the comprehensive testing of all integrated hardware and software components to ensure functionality, stability, and performance. Testing includes checking for errors, debugging issues, running simulations, and verifying system				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Meter FRLS.A. Conduiting & Wiring PVC Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire),Looping and Junction Boxes.Switches, Sockets & Accessories Modular Switches & Plates (Legrand).Power Socket Outlets (5A/15A/6-16A).DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits.Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 Metre Copper).Cables and Cable Trays Armoured LT Cable (1.1kV grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats.Panel Boards.Main LT Panel with ACB/MCCB. Sub Panels.Metering (Digital Energy Meter).Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
2	Supply and installation at the Self Potrait Exhibit -Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Meter FRLS. A. Conduiting & Wiring PVC Conduits (ISI Marked), Wiring for Light Points (FRLS Copper Wire), Looping and Junction Boxes. Switches, Sockets & Accessories Modular Switches & Plates (Legrand). Power Socket Outlets (5A/15A/6-16A). DBs, MCBs, MCCBs Distribution Boards (IP43), MCBs (6A to 32A SP/DP/TPN). Main Incomer MCCB. Earthing & Lightning Protection Copper Earth Pits. Lightning Arrestors. Earth Strip (0.025 Meter x 0.003 mm Copper). Cables and Cable Trays Armoured LT Cable (1.1kV grade). Cable Tray with Cover (Powder Coated). Cable Lugs, Glands, Cleats. Panel Boards. Main LT Panel with ACB/MCCB. Sub Panels. Metering (Digital Energy Meter). Canvas Monitor 43inches. Supply and Installation of Computer (NUC) – i5, 16GB RAM, 512GB SSD: This includes the supply and installation of a compact computer (NUC) with the following specifications: Intel Core i5 processor, 16GB RAM, and 512GB				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	SSD. Acceptable makes include Intel, Asus, Gigabyte, Newline, or similar. The scope covers delivery, secure installation, configuration, and integration with the required systems. All necessary accessories and installation labor are included. Custom software will be designed to manage and display multimedia content, ensuring seamless operation and integration across various interactive elements within the exhibit.This includes the seamless integration of all hardware and software components. The work involves configuring the system architecture, ensuring proper connections, and aligning different technologies to work together. It covers network setup, device installation, and establishing communication protocols for smooth interaction between components. This involves the comprehensive testing of all integrated hardware and software components to ensure functionality, stability, and performance. Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards. Animated Face of a Tiger, which Morphs Into Balasahebs Face.Title: "Roar of Legacy". Format: High-resolution 3D Animation (with audio). Purpose: Symbolic transformation highlighting strength, leadership, and legacy of Balasaheb Thackeray.The tiger's face comes into sharp focus with intense realism. Symbolism: Represents raw power, fearlessness, and the spirit of the Shiv Sena. Morphing Transition The tiger's face starts morphing in ultra-slow motion: Spectacles slowly fade in over the morphing face.Symbolism: Strength becoming wisdom; animal instinct becoming strategic leadership. Balasaheb's Face Emerges. Fully transformed into Balasaheb Thackeray's face — stern, powerful expression. Technical Notes: Style: Realistic 3D + Morphing VFX. Resolution: 4K minimum, optimized. Render Format: HD (H.265), transparent alpha layer version for overlays. Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
3	Supply and installation at the Saamna + Marmic Section Communication Stratergies Exhibit -Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Meter FRLS.A. Conduiting & Wiring PVC Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire), Looping and Junction Boxes. Switches, Sockets & Accessories Modular Switches & Plates (Legrand). Power Socket Outlets (5A/15A/6-16A). DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits. Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 Meter Copper).Cables and Cable Trays Armoured LT Cable (1.1kV grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats.Panel Boards.Main LT Panel with ACB/MCCB. Sub Panels.Metering (Digital Energy Meter).. All necessary accessories, hardware, and installation labor are included.Supply and Installation of 1.39 Meter Touch Screen:Acceptable makes include LG. The scope covers delivery, secure mounting at the specified location, electrical and data connections, and configuration for smooth operation. All necessary accessories and installation labor are included.Supply and Installation of Computer : This includes the supply and installation of a high-performance computer with the following specifications: Intel Core i7 processor, 32GB RAM, RTX 4090 graphics card, and 1TB SSD storage. The scope covers delivery, installation, configuration, and integration with the required systems. All necessary accessories and installation labor are included. Including Speakers JBL.Model: JBL Control 25-1.Type: Compact 0.13 Meter 2-way indoor speaker.Coverage: 100° x 100°.Power Handling: 200W Peak, 100W Continuous.Features: Weather-resistant, wide dispersion, great clarity for speech and ambient audio.Mounting: Wall bracket included.Finish: Available in black or white for discreet installations.ui/ux for the software with windows 11.Custom software will be designed to manage and display multimedia content, ensuring seamless operation and integration across various interactive elements within the exhibit.This includes the seamless integration of all hardware and software components. The work involves configuring the system architecture, ensuring proper connections, and aligning different technologies to work together. It covers network setup, device installation, and establishing communication protocols for smooth interaction between components.This				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	involves the comprehensive testing of all integrated hardware and software components to ensure functionality, stability, and performance. Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Backlit Wall,8.53 Meterr' x 8.53 Meterr x 3.04 Meterr - Hand-painted using smudging and shading techniques, the composition balances structure with mood, portraying empty streets and glowing lamps with a touch of solitude. The monochrome palette adds a cinematic quality to the artwork. Content for Kiosk - Introduction Zone – "The Power of the Pen"-Content:Intro animation showing a cartoon pen transforming into a roaring tiger.Narration on how Marmik and Saamna were tools of social transformation.Visuals:Covers of iconic issues.Timeline animation showing Marmik (1960) to Saamna (1989 onwards).Marmik Archive – "Cartoons That Spoke Louder Than Words".Interactive UI Feature: Swipe or tap to explore a gallery of political cartoons.Each cartoon panel includes:The original artwork.Contextual background (year, issue, target of satire).Public reaction or controversy caused.Purpose: Highlights Balasaheb's early role as a visual commentator and public conscience.Saamna Showcase – "Voice of the Sena Supremo"Content Format:Tap-based scrolling display of landmark editorials.Audio clips of impactful speeches based on editorials.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
4	Supply and installation at the Dasara Rally Exhibit -Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Meter FRLS.A. Conduiting & Wiring PVC Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire),Looping and Junction Boxes.Switches, Sockets & Accessories				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Modular Switches & Plates (Legrand).Power Socket Outlets (5A/15A/6-16A).DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits.Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 mm Copper).Cables and Cable Trays Armoured LT Cable (1.1kV grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats.Panel Boards.Main LT Panel with ACB/MCCB. Sub Panels.Metering (Digital Energy Meter)..Kiosk Fabrication for Metal Button Press Audio Systems : This includes the design, fabrication, and installation of of Kisok. The kiosk will be customized for durability and ease of use, ensuring ergonomic design for user interaction. The scope covers material selection, fabrication, finishing, and secure mounting of the touchscreen in the kiosk. All necessary accessories, hardware, and installation labor are included.Supply and Installation of Metal Button Press Audio Systems: This includes the supply and installation. Customisation of the Button Press. The scope covers delivery, secure mounting at the specified location, electrical and data connections, and configuration for smooth operation, micro computer for tracing and its programming. All necessary accessories and installation labor are included. Supply and Installation of Computer : This includes the supply and installation of a high-performance computer with the following specifications: Intel Core i7 processor, 32GB RAM, RTX 4090 graphics card, and 1TB SSD storage. The scope covers delivery, installation, configuration, and integration with the required systems. All necessary accessories and installation labor are included. BoAt BassHeads 100 (Wired In-Ear).Type: Wired 0.0035 Meter jack earphones.This includes the seamless integration of all hardware and software components. The work involves configuring the system architecture, ensuring proper connections, and aligning different technologies to work together. It covers network setup, device installation, and establishing communication protocols for smooth interaction between components.This involves the comprehensive testing of all integrated hardware and software components to ensure functionality, stability, and performance. Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards. Content - "The Dasara Melava, or Vijayadashami Rally, is more than a march—it				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	is the heartbeat of Shiv Sena's identity. Held every year at Shivaji Park, it has been a stage where Balasaheb Thackeray transformed words into waves of political momentum. This section celebrates the power, symbolism, and iconic moments of the Dasara Rally over the decades.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope. With 2 years of Warenty and after that 3 years of comprehensive Mentenance				
		Nos	1.00		
5	Supply and installation at the Protest Section Exhibit -Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Meter.RLS.A. Conduiting & Wiring PVC Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire),Looping and Junction Boxes.Switches, Sockets & Accessories Modular Switches & Plates (Legrand).Power Socket Outlets (5A/15A/6-16A).DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits.Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 mm Copper).Cables and Cable Trays Armoured LT Cable (1.1kV grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats.Panel Boards. Main LT Panel with ACB/MCCB. Sub Panels.Metering (Digital Energy Meter).Kiosk Fabrication for 1.39 Meterr Touchscreen : This includes the design, fabrication, and installation of a kiosk to securely house a 1.39 Meter touchscreen. The kiosk will be customized for durability and ease of use, ensuring ergonomic design for user interaction. The scope covers material selection, fabrication, finishing, and secure mounting of the touchscreen in the kiosk. All necessary accessories, hardware, and installation labor are included.Supply and Installation of I.39 Meter Touch Screen: This includes the supply and installation of a 0.12 Meter touch screen display. Brand LG. The scope covers delivery, secure mounting at the specified location, electrical and data connections, and configuration for smooth operation. All necessary accessories and installation labor are included.Including Speakers JBL.Model: JBL Control 25-1.Type: Compact 0.13 Meter 2-way indoor speaker.ui/ux for the software with windows 11.Custom software will				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	be designed to manage and display multimedia content, ensuring seamless operation and integration across various interactive elements within the exhibit.This includes the seamless integration of all hardware and software components. The work involves configuring the system architecture, ensuring proper connections, and aligning different technologies to work together. It covers network setup, device installation, and establishing communication protocols for smooth interaction between components.This involves the comprehensive testing of all integrated hardware and software components to ensure functionality, stability, and performance. Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply and Installation of Wireless HDMI System : This includes the supply and installation of a wireless HDMI system for transmitting high-definition video and audio signals without the need for cables. The scope covers the delivery of the wireless transmitter and receiver, setup, configuration, and integration with existing devices. All necessary accessories and installation labor are included, ensuring seamless connectivity and performance.Backlit Wall,8.53 Meterr' x 8.53 Meterr x 3.04 Meterr.Projector for Speeches - Dual or Triple-laser DLP short-throw projectors, 5000 lumens, 4K-ready - Epson.Projection Type: DLP (Digital Light Processing), Dual or Triple Laser.Brightness: Minimum 5000 lumens (suitable for well-lit or semi-darkened museum environments).Resolution: 4K Ready (True 4K resolution).Throw Ratio: Short-throw (0.35 – 0.6:1), enabling large image projection in limited space.Contrast Ratio: Minimum 2,500,000:1 dynamic contrast for deep blacks and high visual depth.Light Source: Laser (20,000 hours life expectancy, low maintenance).Lens Type: Fixed or interchangeable ultra-short throw lens.Connectivity:HDMI (2.0), DisplayPort, HDBaseT.LAN (RJ45), RS-232, USB-A for media playback.Edge Blending and Warping: Supported (for curved/irregular surfaces or multi-projector setups).Keystone Correction: Vertical and horizontal.Mounting: Ceiling mount with secure rigging brackets.Noise Level: Less than 30 dB (Eco Mode) for quiet museum environments.Power Supply: 100–240V AC, 50/60 HzCasing and Cooling Fan System for the Projector. Content - "Aawaz Uthao: The Protest Legacy of Shiv Sena"(Translation: Raise Your Voice: The Protest Legacy of Shiv Sena)."Shiv				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Sena was not born in silence—it roared into existence. From protecting the rights of Marathi Manoos to taking on national issues, the Sena's protests were not mere agitations—they were movements that reshaped public discourse. This section brings alive the spirit of rebellion, resistance, and resolve..Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope.				
	With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
6	Supply and installation at the Augumented Reality Theatre -Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Metert FRLS.A. Conduiting & Wiring PVC Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire),Looping and Junction Boxes.Switches, Sockets & Accessories Modular Switches & Plates (Legrand).Power Socket Outlets (5A/15A/6-16A).DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits.Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 mm Copper).Cables and Cable Trays Armoured LT Cable (1.1kV grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats. Panel Boards. Main LT Panel with ACB/MCCB. Sub Panels. Metering (Digital Energy Meter). Supply and install a 0.177 Meter touchscreen kiosk, featuring a high-resolution display, durable casing and responsive touch interface. Ideal for information dissemination, customer service, and interactive applications. Includes power supply, mounting hardware, and setup. 4 Counts. Display Size 0.177 Meter (diagonal), Resolution Minimum 1920 x 1200 Full HD, Touch Interface, Capacitive multi-touch (minimum 5-point touch), Processor Intel Celeron with onboard graphics, RAM & Storage 4GB RAM, 64GB SSD/eMMC (Expandable), Operating System Windows 10 (as per software requirement), Connectivity Wi-Fi, Bluetooth, USB ports, optional LAN port, Casing Vandal-resistant, IP-rated acrylic enclosure with powder coating, Mounting Stand-mounted (based on site plan), Power Supply 110-240V, AC input, internal adapter, Audio In-built stereo speakers, headphone jack. Supply and				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Installation of Computer : This includes the supply and installation of a high-performance computer with the following specifications: Intel Core i7 processor, 32GB RAM, RTX 4090 graphics card, and 1TB SSD storage. The scope covers delivery, installation, configuration, and integration with the required systems. All necessary accessories and installation labor are included. Supply and Installation of Computer (NUC) – i5, 16GB RAM, 512GB SSD: This includes the supply and installation of a compact computer (NUC) with the following specifications: Intel Core i5 processor, 16GB RAM, and 512GB SSD. Acceptable makes include Intel, Asus, Gigabyte, Newline, or similar. The scope covers delivery, secure installation, configuration, and integration with the required systems. All necessary accessories and installation labor are included. Supply and installation of Display with specifications mentioned: Brand and Model Dell E2418HN, Display Type In-Plane Switching Panel, Screen Size 0.0647 Meter, Resolution 1920 x 1080 at 60Hz (16:9), Brightness 250 cd/m², Pixel Pitch 0.000275 Meter x 0.000275 Meter, Pixel Density 93 PPI, Viewing Angle 178° vertical / 178° horizontal, Colour Depth 16.7 Million colors, Input Connections 1 x HDMI v1.4 + 1 x VGA. Supply and installation of Speakers with specifications mentioned below: Brand and Model QSC AC-S6T Acoustic Coverage™, Description 0.1651 Meter 2-way, 130° conical Surface Mount speakers, Components LF : 0.165 Meter, Polypropylene woofer with,0.025 Meter voice coil, HF: 0.025 Meter, Aluminium dome tweeter with 0.025 Meter voice coil, Frequency Response 60 Hz–20 kHz, Rated Noise Power 15.5 volts rms, Max O/P 101 dB SPL LTC Impedance 8Ω, Broad-band Sensitivity 86 dB SPL, Coverage, Angle 130° conical (500 Hz–5 kHz), Directivity Factor, Rθ (Q) 6, Directivity Index, Di 8 dB. Supply and installation of Amplifier with specifications mentioned below:Brand and Model Crown XLS 1502, Description Two-channel, 525W, 4 Class D Power Amplifier, Sensitivity 1.4Vrms, Frequency Response +0dB, -1dB, Signal to Noise >103dB (at .775Vrms, 6dB lower), Inter modulation, Distortion < 0.3%,Damping Factor > 200,THD < 0.5%,Crosstalk At 1kHz: > 85dB, At 20kHz: > 55dB.Supply and installation of Webcam with specifications mentioned below:Resolution 4K UHD @ 30 fps | 1080p @ 30/60fps | 720p @ 30/60/90fps,FOV 90° (with 60° and 78° Settings),Features AutoFocus | RightLight™ 3 with HDR Sensor for Windows Hello,Features dual omni-directional mics with noise cancellation,Dimensions 0.027 Meter x 0.102				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Meterx 0.027 Meter.Supply and installation of Touch interface panels with specifications mentioned below:Description Touch Screen Interface with Control HardwareScreen Size 0.1778 Meter.LAN to HDMI Converter.Technical Architecture Design :It refers to the high level structures of a software system and the discipline of creating such structures and systems. Each structure comprises software elements, relations among them, and properties of both elements and relations. It functions as a blueprint for the system and the developing project, laying out the tasks necessary to be executed by the design teams.It is about making fundamental structural choices which are costly to change once implemented. Software architecture choices include specific structural options from possibilities in the design of software. For example, the systems that controlled the space shuttle launch vehicle had the requirement of being very fast and very reliable. Therefore, an appropriate real-time computing language would need to be chosen. Additionally, to satisfy the need for reliability the choice could be made to have multiple redundant and independently produced copies of the program, and to run these copies on independent hardware while cross-checking results.UI / UX.Main Software Programming : It is the process of designing and building an executable computer program for accomplishing a specific computing task. Programming involves tasks such as: analysis, generating algorithms, profiling algorithms' accuracy and resource consumption, and the implementation of algorithms in a chosen programming language (commonly referred to as coding). The source code of a program is written in one or more languages that are intelligible to programmers, rather than machine code, which is directly executed by the central processing unit. The purpose of programming is to find a sequence of instructions that will automate the performance of a task (which can be as complex as an operating system) on a computer, often for solving a given problem. The process of programming thus often requires expertise in several different subjects, including knowledge of the application domain, specialized algorithms, and formal logic. This software holds all the graphics,audio and videos which is displayed in a fastest finger first type game, moderated by a virtual host (Model of the personality).Kiosk Software : It is a Separate software designed to run on the kiosks where the users are sitting to particiate on the gameplay with the users required to interface with a 10inch computing				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	device.Screen Matrix optimization and aligment.Asset Integration : It refers to the integration of the CGI Elements to suit the gameplay at various levels.Testing and Compilation : It is an investigation conducted to provide stakeholders with information about the quality of the software product or service under test. Software testing can also provide an objective, independent view of the software to allow the business to appreciate and understand the risks of software implementation. Test techniques include the process of executing a program or application with the intent of finding software bugs (errors or other defects), and verifying that the software product is fit for use.Installation / Integration : This includes Mounting of the projector followed by its subsequent alignment. Mapping of the camera and CG Model of the Personality to match with the live environment perspective. Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope.				
	Supply and installation at the Augumented Reality Theatre Content - Photorealistic Full Body Modelling: Recreating Model Of The Personality Head in three dimension for it to be used in the process ahead. Three- dimensional (3D) models represent a physical body using a collection of points in 3D space, connected by various geometric entities such as triangles, lines, curved surfaces, etc. Being a collection of data (points and other information), 3D models can be created by hand, algorithmically (procedural modeling), or scanned.Photorealistic Full Body Texturing: In this process you will need to create colours, paints and textures for the above model so that it starts looking realistic, for which we use a method called multi texturing. Multitexturing is the use of more than one texture at a time on a polygon. For instance, a light map texture may be used to light a surface as an alternative to recalculating that lighting every time the surface is rendered. Microtextures or detail textures are used to add higher frequency details, and dirt maps may add weathering and variation; this can greatly reduce the apparent periodicity of repeating textures. Modern graphics may use more than 10 layers, which are combined using shaders, for greater fidelity. Another multitexture technique is bump mapping, which allows a texture to directly control the facing direction of a surface for the purposes of its lighting calculations; it can give a very good appearance				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	of a complex surface (such as tree bark or rough concrete) that takes on lighting detail in addition to the usual detailed coloring. Full Body Human Rigging : In this process we put digital joints and muscles so that the above model can be				
	animated realisticlly. This technique is used				
	by constructing a series of 'bones,' sometimes referred to as rigging. Each bone has a three-dimensional transformation from the default bind pose (which includes its position, scale and orientation), and an optional parent bone. The bones therefore form a hierarchy. The full transform of a child node is the product of its parent transform and its own transform. So				
	moving a thigh-bone will move the lower leg				
	too. As the character is animated, the bones				
	change their transformation over time, under the influence of some animation controller. A rig is generally composed of both forward kinematics and inverse kinematics parts that may interact with each other. Skeletal animation is referring to the forward kinematics part of the rig, where a complete set of bone configurations identifies a unique pose.Each bone in the skeleton is associated with some portion of the character's visual representation in a process called skinning. In the most common case of a polygonal mesh character, the bone is				
	associated with a group of vertices; for				
	example, in a model of a human being, the				
	'thigh' bone would be associated with the				
	vertices making up the polygons in the				
	model's thigh. Portions of the character's skin can normally be associated with multiple bones, each one having a scaling factors called vertex weights, or blend weights. The movement of skin near the joints of two bones, can therefore be influenced by both bones. For a polygonal mesh, each vertex can have a blend weight for each bone. To calculate the final position of the vertex, a transformation matrix is created for each bone which, when applied to the vertex, first puts the vertex in bone space then puts it back into mesh space. After applying a matrix to the vertex, it is				
	scaled by its corresponding weight. This				
	algorithm is called matrix palette skinning,				
	because the set of bone transformations				
	(stored as transform matrices) form a palette				
	for the skin vertex to choose				
	from.Photorealistic Lighting : In this Process				
	you will need to match the lighting of the				
	textured model to the shoot for it to look				
	seamless. It refers to the simulation of light in				
	computer graphics. This simulation can either be				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	extremely accurate, as is the case in an				
	application like Radiance which attempts to				
	track the energy flow of light interacting with				
	materials using radiosity computational				
	techniques. Alternatively, the simulation can				
	simply be inspired by light physics, as is the				
	case with non-photorealistic rendering. In both				
	cases, a shading model is used to describe how				
	surfaces respond to light. Between these two				
	extremes, there are many different rendering				
	approaches which can be employed to achieve				
	almost any desired visual result.Character				
	Animation of the various expressions, body				
	movements, and facial movements of the				
	Model Of The Personality animated				
	character: Computer animation is the process				
	used for generating animated images. The				
	more general term computer-generated				
	imagery (CGI) encompasses both static scenes				
	and dynamic images, while computer animation				
	only refers to the moving images. Computer				
	animation is essentially a digital successor to				
	the stop motion techniques using 3D models,				
	and traditional animation techniques using				
	frame-by-frame animation of 2D illustrations.				
	Computer-generated animations are more				
	controllable than other more physically based				
	processes, constructing miniatures for effects				
	shots or hiring extras for crowd scenes, and				
	because it allows the creation of images that				
	would not be feasible using any other				
	technology. It can also allow a single graphic				
	artist to produce such content without the use of				
	actors, expensive set pieces, or props. To create				
	the illusion of movement, an image is displayed				
	on the computer monitor and repeatedly				
	replaced by a new image that is similar to it,				
	but advanced slightly in time.Compositing : It				
	represents each media object in a composite				
	as a separate layer within a timeline, each				
	with its own time bounds, effects, and				
	keyframes. All the layers are stacked, one above				
	the next, in any desired order; and the bottom				
	layer is usually rendered as a base in the				
	resultant image, with each higher layer being				
	progressively rendered on top of the previously				
	composited of layers, moving upward until all				
	layers have been rendered into the final				
	composite. Layer-based compositing is very well				
	suited for rapid 2D and limited 3D effects such				
	as in motion graphics, but becomes awkward for				
	more complex composites entailing a large				
	number of layers. A partial solution to this is				
	some programs' ability to view the				
	composite-order of elements (such as images,				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	effects, or other attributes) with a visual diagram called a flowchart to nest compositions, or "comps," directly into other compositions, thereby adding complexity to the render-order by first compositing layers in the beginning composition, then combining that resultant image with the layered images from the proceeding composition, and so on.VFX for Interfaces.4K Rendering.Live Action Reference Shoot:Rent of Studio for 3 days of shoot.Rent of 4 units of HD Professional Video Cameras for 3 days of shoot,Rent of Lighting Systems for Croma Lighting, subject lighting for camera, and Stage Lighting of the set, for 3 day of shoot.Professional Services of the Director, Director of Photography, Camera Crew, Lighting Crew, Sound Recordist, and other sundry shoot crew totalling 40 crew members for 3 days of shoot.Professional Services of the Visual Effects Supervisor for 3 days of shoot.Editing of the Footage Recorded at the shoot in a professional Non-Linear Video Editing System.Casting of Actor to perform the movements of Personality. Voice Artist Dubbing from VO Artist Mr.Makarand Padhye.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
7	Supply and installation at the Holographic Theatre - Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 MeterFRLS.A. Conduiting & Wiring PVC Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire),Looping and Junction Boxes.Switches, Sockets & Accessories Modular Switches & Plates (Legrand).Power Socket Outlets (5A/15A/6-16A).DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits.Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 mm Copper).Cables and Cable Trays Armoured LT Cable (1.1kV				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats.Panel Boards.Main LT Panel with ACB/MCCB. Sub Panels.Metering (Digital Energy Meter)..Projection System- Conduits, Accessories, Fixing & Mounting,Switches, Sockets, Faceplates (Modular),Earthing Strip & Bonding,Testing, Commissioning. Epson - EP-Dual or Triple-laser DLP short-throw projectors, 3000 lumens, 4K-ready.Transparent holographic foil - Holo- Flex, 16:9 aspect ratio, full-frame front projection, anti-glare coating.Main Software Programming : It is the process of designing and building an executable computer program for accomplishing a specific computing task. Programming involves tasks such as: analysis, generating algorithms, profiling algorithms' accuracy and resource consumption, and the implementation of algorithms in a chosen programming language (commonly referred to as coding). The source code of a program is written in one or more languages that are intelligible to programmers, rather than machine code, which is directly executed by the central processing unit. The purpose of programming is to find a sequence of instructions that will automate the performance of a task (which can be as complex as an operating system) on a computer, often for solving a given problem. The process of programming thus often requires expertise in several different subjects, including knowledge of the application domain, specialized algorithms, and formal logic. This software holds all the graphics , audio and videos which is displayed in a fastest finger first type game, moderated by a virtual host (Model of the personality).Testing and Compilation : It is an investigation conducted to provide stakeholders with information about the quality of the software product or service under test. Software testing can also provide an objective, independent view of the software to allow the business to appreciate and understand the risks of software implementation. Test techniques include the process of executing a program or application with the intent of finding software bugs (errors or other defects), and verifying that the software product is fit for use.Installation and Integration : This includes Mounting of the projector followed by its subsequent alignment. Mapping of the camera and Cg Model of the Personality to match with the live environment perspective.Screen Matrix				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	optimization and aligment.1x high-end workstation with 4K video playback, 3D GPU rendering, multi-channel output (Dataton WATCHOUT system).5.1 Surround Audio System (Yamaha), amplifiers, mixer, speakers. Amplifier Yamaha RX-V4A, supporting 5.1 channels, Dolby Digital,Speakers (5 units) Yamaha NS-P51; ceiling-mountable full-range satellite speakers,Subwoofer (1 unit) Yamaha NS-SW100 or equivalent; active subwoofer with minimum 100W RMS output,Mixer Yamaha MG06 for input channel control and external source mixing,Cables & Connectors All necessary speaker cables, banana plugs, mounting hardware, and power supplies included.AV rack, UPS backup, HDMI splitter, cable management, control console with software.Voice Artist Dubbing from VO Artist Mr.Makarand Padhye.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope.				
	Supply and installation at the Holographic Theatre Content - Character Animation of the various expressions, body movements, and facial movements of the Model Of The Personality animated character: Computer animation is the process used for generating animated images. The more general term computer-generated imagery (CGI) encompasses both static scenes and dynamic images, while computer animation only refers to the moving images. Computer animation is essentially a digital successor to the stop motion techniques using 3D models, and traditional animation techniques using frame-by-frame animation of 2D illustrations. Computer-generated animations are more controllable than other more physically based processes, constructing miniatures for effects shots or hiring extras for crowd scenes, and because it allows the creation of images that would not be feasible using any other technology. It can also allow a single graphic artist to produce such content without the use of actors, expensive set pieces, or props. To create the illusion of movement, an image is displayed on the computer monitor and repeatedly replaced by a new image that is similar to it, but advanced slightly in time (usually at a rate of 24, 25 or 30 frames/second).Compositing : It represents each media object in a composite as a separate layer				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	within a timeline, each with its own time bounds, effects, and keyframes. All the layers are stacked, one above the next, in any desired order; and the bottom layer is usually rendered as a base in the resultant image, with each higher layer being progressively rendered on top of the previously composited of layers, moving upward until all layers have been rendered into the final composite. Layer-based compositing is very well suited for rapid 2D and limited 3D effects such as in motion graphics, but becomes awkward for more complex composites entailing a large number of layers. A partial solution to this is some programs' ability to view the composite-order of elements (such as images, effects, or other attributes) with a visual diagram called a flowchart to nest compositions, or "comps," directly into other compositions, thereby adding complexity to the render-order by first compositing layers in the beginning composition, then combining that resultant image with the layered images from the proceeding composition, and so on.VFX for Interfaces.4K Rendering.Live Action Reference Shoot,Rent of Studio for 3 day of shoot.Rent of 4 units of HD Professional Video Cameras for 3 days of shoot.Rent of Lighting Systems for Croma Lighting, subject lighting for camera, and Stage Lighting of the set, for 3 day of shoot.Professional Services of the Director, Director of Photography, Camera Crew, Lighting Crew, Sound.Recordist, and other sundry shoot crew totalling 10 crew members for 3 day of shoot.Professional Services of the Visual Effects Supervisor for 3 days of shoot.Editing of the Footage Recorded at the shoot in a professional Non-Linear Video Editing System.Casting of Actor to perform the movements of Personality.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		
8	Supply and installation at the Server Room - Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Meter. FRLS.A. Conduiting & Wiring PVC				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire),Looping and Junction Boxes.Switches, Sockets & Accessories Modular Switches & Plates (Legrand).Power Socket Outlets (5A/15A/6-16A).DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits.Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 Meter Copper).Cables and Cable Trays Armoured LT Cable (1.1kV grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats.Panel Boards.Main LT Panel with ACB/MCCB. Sub Panels.Metering (Digital Energy Meter).Supply and installation of a high-performance server, including hardware setup, software configuration, network integration, and testing. Ensure compatibility with existing systems and provide user training. Includes all necessary cables, accessories, and documentation.Development of Central Management System Software for comprehensive monitoring, maintenance, and management. Includes real-time data analytics, automated alerts, user-friendly interface, and integration with existing infrastructure. Ensures optimal performance, streamlined operations, and enhanced decision-making capabilities.Supply and install a 12U rack, including all necessary mounting hardware, cable management accessories, and grounding. Ensure proper alignment, secure fastening, and compliance with industry standards. Provide testing and commissioning to verify functionality and stability.Supply and install a 0.6.96 Meter Full HD (FHD) monitor, including all necessary mounting hardware, cables, and setup. Ensure proper configuration and functionality, providing a clear, high-resolution display suitable for professional use. Brand Dell P2422H, VA HDMI, VGA, DisplayPort Anti-glare, ergonomic stand, flicker-free.Provision of Windows Server Licenses, including installation and activation. Ensures compliance with Microsoft licensing requirements. Covers standard support and updates for one year. Suitable for enterprise- level server management, enhancing security, performance, and scalability. Quantity and version as per project specifications.Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
9	Supply and installation at the OverAll Museum - Testing includes checking for errors, debugging issues, running simulations, and verifying system reliability. It ensures the entire system operates according to design specifications, meeting performance and quality standards.Supply & laying of 0.025 Meter PVC conduit (ISI) 10 Meter Recessed in walls/ceiling.Wiring for light points using 1.5 Meter.FRLS.A. Conduiting & Wiring PVC Conduits (ISI Marked),Wiring for Light Points (FRLS Copper Wire),Looping and Junction Boxes.Switches, Sockets & Accessories Modular Switches & Plates (Legrand).Power Socket Outlets (5A/15A/6-16A).DBs, MCBs, MCCBs Distribution Boards (IP43),MCBs (6A to 32A SP/DP/TPN).Main Incomer MCCB.Earthing & Lightning Protection Copper Earth Pits.Lightning Arrestors.Earth Strip (0.025 Meter x 0.003 Meter Copper).Cables and Cable Trays Armoured LT Cable (1.1kV grade).Cable Tray with Cover (Powder Coated).Cable Lugs, Glands, Cleats.Panel Boards.Main LT Panel with ACB/MCCB. Sub Panels.Metering (Digital Energy Meter).Supply and install high-quality museum-grade spotlights, ensuring optimal illumination for exhibits. Includes all necessary fixtures, wiring, and mounting hardware. Spotlights must meet museum standards for color rendering and light intensity. Professional installation required to ensure precise positioning and functionality.126 Counts.Philips Color Kinetics (Signify).Model Examples: IntelliHue, PureStyle,CRI: Up to 95,Color Temp: RGBW Tunable (Dynamic White + Color),Beam Angle: 8°–90°, Framing beams,Control: DMX, Ethernet, PoE,Application: Immersive digital installations, gallery exhibits requiring color transitions.Supply and install 1.5- Meter tracks, including all necessary fittings and fixtures. Ensure proper alignment and secure attachment to the designated surface. Verify functionality and compliance with safety standards. Clean the area post-installation.Supply and installation of Dlink Data Cable, ensuring high-speed data transmission and reliable connectivity. Includes all necessary accessories and fittings for seamless integration. Suitable for commercial and residential networking applications. Compliance with industry				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	standards guaranteed.1830 RMT.Supply, installation, and laying of overall data cables, including necessary conduits, fittings, and supports. Ensure proper routing, termination, and testing for optimal performance. Adhere to industry standards and project specifications for data integrity and safety.Datacable Crimping-Internal Electrical Wiring | Lighting Circuit Wiring | Point | Power Plug Points (16A & 6A) | Point | Cable Tray (powder-coated) | Meter.Supply and install high-quality data cable crimping, including cutting, stripping, and crimping connectors for Cat5e cables. Ensure secure and reliable connections for network performance. Testing and certification of each cable for optimal functionality.Supply and installation of Windows 11 Professional License, including activation and configuration. Provides advanced security features, enhanced productivity tools, and seamless integration with Microsoft services. Suitable for business environments requiring robust performance and reliability.Supply, installation, testing, and commissioning of complete electrical systems including wiring, switchgear, lighting, power outlets, and safety devices. Ensure compliance with relevant standards and regulations. Provide detailed documentation and as-built drawings.Supply and install a 2-ton air conditioning unit, including all necessary fittings, electrical connections, mounting brackets, and commissioning. Ensure proper placement, secure installation, and optimal performance. Provide a warranty and post-installation support.8 Counts.Air Conditioner Unit:Capacity: 2 Ton (24,000 BTU/hr) Type: Split/Ductable (As per site requirement) Star Rating: Minimum 3 Star (BEE certified), Inverter Technology preferred Power Supply: 230V ±10%, 50Hz, Single Phase Cooling Only Mode / Dual Mode (Cooling + Heating) – as applicable Refrigerant: R32 / R410A (Eco-friendly and non-CFC) Accessories & Fittings:Indoor and outdoor unit with interconnecting copper piping (up to 5 Meter) Drain pipe, mounting brackets for outdoor unit Electrical wiring up to 5 RMT from power source to AC unit Thermostat and remote controller PVC trunking or cable management covers for pipes and wires.Installation & Commissioning: Wall core cutting, pipe routing, and fixing as per layout,Vacuum testing, refrigerant top-up if required,Testing of performance, noise level, and air throw,Proper insulation for all copper				

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
	piping,Condensate drain connection and slope management.Supply and installation of Kino stage light with specifications mentioned below:Brand and Model Kino Light,Description 1.21 Meter, 2 Count.DMX-enabled moving lights, ambient spotlights, LED PAR cans, strobe lights, fog/haze unit for depth.Supply, installation, testing, and commissioning of a microprocessor-based Fire Alarm System designed for sensitive museum environments. The system should provide early warning, minimize false alarms, and integrate with future fire suppression solutions.Fire Alarm Control Panel (FACP) – Addressable and Conventional as per site size. Capable of monitoring all zones with battery backup and LCD status display. Expandable to support future extensions.1 Nos.Smoke Detectors – Photoelectric type, ceiling mounted, with LED indicators and base. Suitable for galleries, archives, and public areas.As required.Heat Detectors – Fixed/rate-of-rise type for utility rooms or equipment-heavy zones.As required.Manual Call Points (MCPs) – Break-glass type for manual alarm activation. Mounted at 0.0015 Meter height near exits and key corridors.As required. Sounder Beacons – Audio-visual alarms with >90 dB sound. Flashing light for visibility in noise-prone environments.As required.Wiring & Cabling – 2-core, 1.5 Meter.FRLS fire-rated cables in conduit, including all terminations and labeling.As per site.Battery Backup – Sealed lead-acid rechargeable battery backup for 2-hour operation during power failure.Included.Casing & Conduits – MS/UPVC for surface-mounted concealed wiring.As required.Commissioning and Testing – Functional tests, zone mapping, alarm simulation, and operator training.Brand-Honeywell. Supply and installation of CCTV in the museum.Camera Features 4MP resolution (2560 x 1440).IR night vision up to 30m.Motion detection, tamper alerts.ONVIF compatible.Wide Dynamic Range (WDR).NVR 16-channel recording.2 SATA bays Remote access (via web browser).Motion-based and continuous recording modes.Storage 30 days backup (approx.) with 4TB on motion recording. Items listed above are indicative; any components deemed unnecessary during execution may be excluded from the final installation scope. With 2 years of Warenty and after that 3 years of comprehensive Mentenance	Nos	1.00		

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
				TOTAL B =	**0.00**