



पनवेल महानगरपालिका

ता. पनवेल, जि. रायगड, पिन नं. ४१० २०६



दूरध्वनीकार्यालय :- ०२२-२७४५८०४०, ४१, ४२
ई - मेल :- panvelcorporation@gmail.com





फॅक्स :- ०२२-२७४५२२३३
वेबसाईट - panvelcorporation.com

जा.क्र.पमपा/उद्यान/२२२४/प्र.क्र.०६/११/२०२४

दिनांक :- २७/०२/२०२४




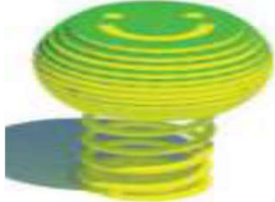
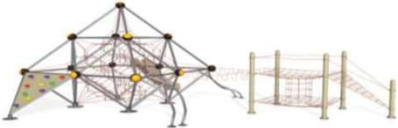
जाहीर सुचना






पनवेल महानगरपालिका हद्दीतील खारघर येथील सेक्टर ३५H, भुखंड क्र. १ येथे सुसज्ज असे थिम पार्क "सिटी पार्क" विकसित करणेकामी बाजारभावप्रमाणे दर मागविणेबाबत इच्छुकांनी सदरचे निविदा दर दिनांक २७/०२/२०२४ ते दिनांक ०४/०३/२०२४ रोजी सायं ४.०० वाजेपर्यंत महानगरपालिकेच्या उद्यान विभागाकडे समक्ष सादर करावीत. सदर दिनांका नंतर प्राप्त झालेले दरपत्रके विचारात घेतले जाणार नाहीत.

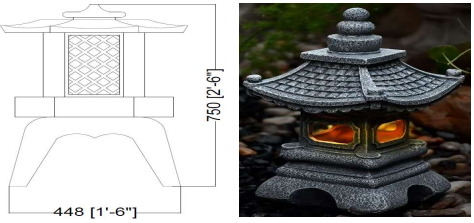

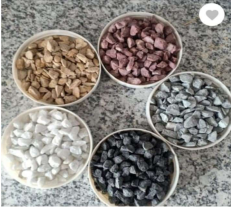
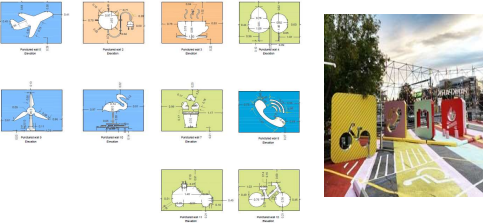

Quotation For Fair Items (Non Dsr) - City Park at Plot No-1, Sector-35H in Kharghar.					
SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
1	<p>3D Text Signage</p> <p>SITC of 3D Text Signage reading "CITY PARK" in Stainless steel material as per design provided. Height of each letter 1.5 m. X proportionate width X 0.45m width. Fabrication and installation of 3d text signage reading as "CITY PARK" in English only comprising of 8 letters as per the desired font style. All individual letters will be comprised of hollow elements with proper joining, welding and finishing as the signage is subject to public intervention/ movement. Fabrication of framework for internal support structure to be made out of 50mm x 50mm M.S. square sections and angles cut, welded and fixed in the desired shape duly coated with antirust coating /paint to prevent corrosion. The external part to be covered with 1.2mm thk S.S. (304 grade) sheets cut in the required profile and welded/joined together and finished with required polishing achieving smooth edges for public to comfortably rely on. The letters to be anchored to the base with M. S. Plate and bolting systems. The entire signage to be finished by proper polishing, smoothening of edges and coatings fixed properly, complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes -</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/ and S.S. elements to be of Tata/JSW/ make conforming to IS . 	 	1	NOS	
2	<p>Shade Element for Seating at Cafe</p> <p>SITC of Shade element for seating at cafe comprising of 3 nos. of size 3.2m dia x 3.0m height each as per details provided made in M.S. framework and elements. Each element shall comprise of a vertical element and a top circular element. The vertical element shall consist of M.S. hollow section of 200mm dia x 5mm thk fixed with a base plate of 300mm x 300mm x 12mm thk on a M-25 concrete pedestal to form a firm base. The top circular element shall be a lotus leaf shaped element comprising of a framework of 5 nos. of M.S. sections of 75mmx100mmx4mm with equidistant radial projection from the top center of the vertical column merging terminating at an outer ring of M.S. hollow section of 100mmx100mmx4mm. The gaps between the radial elements shall be covered with 2mm thk M.S. Sheet fixed to the framework having perforations/cutouts as per design. This top element shall be fixed to the vertical section eccentrically in a tilted position as per drawing ensuring overall physical and aesthetic balance of the element. All the 3 elements shall be placed in a triangular manner equidistant from each other on the concrete pedestal. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes -</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		1	set	
3	<p>Shade element displaying cut fruit slice</p> <p>SITC of Shade element displaying cut fruit slice comprising of 6 nos. of size 2.0m dia x 3.0m height each as per details provided made in framework of M.S. hollow sections and polycarbonate sheet. Each element shall comprise of 3 vertical supports and a horizontal circular element on the top. The vertical supports shall consist of M.S. hollow section of 80mm x 80mm x 5mm fixed with M.S. base plate of 300mm x 300mm x 12mm on M-25 concrete pedestal at the base. The top element shall comprise of a circular ring frame of M.S. hollow section of 50mmx 80mm x 4mm with provision to fix polycarbonate sheet. The polycarbonate sheet shall be 6mm thk translucent having colorful cut fruit slice design in etched/frosted finish as desired fixed to the circular frame. This top element shall be attached/ fixed horizontally to the vertical sections placed equidistant along the circumference of the circular frame ensuring overall physical and aesthetic balance of the element. All the 6 nos. elements shall be placed in position as per the desired locations on site. All M.S. elements shall be applied with one coat of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation as required. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr, repainting as required etc. complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes -</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW or equivalent make. Enamel paint of Berger or equivalent make. Polycarbonate sheets shall be of best quality conforming to IS 14443 standards 		1	NOS	

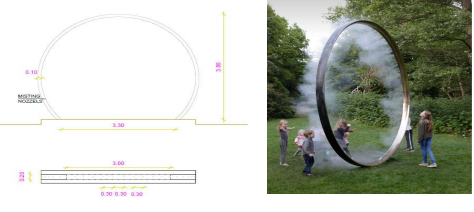



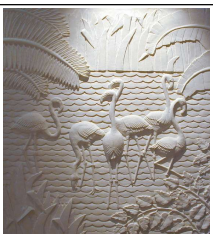
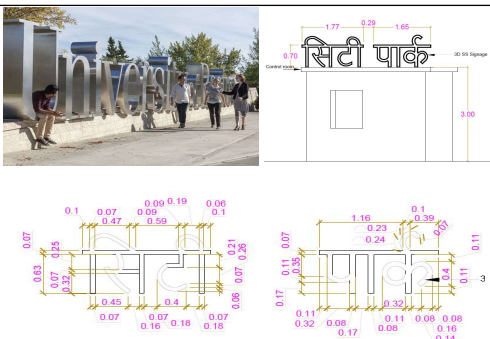

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4	<p>Making Entrance Portal as per drawing</p> <p>SITC of Floral element at entrance and exit gates comprising of 2 nos. elements of size 6.0m dia x 7.0m height and 6.0m dia x 8.0m height each as per drawings provided made in S.S. framework and elements. Each element shall comprise of a vertical element and 8 nos. elements made of 3mm thk S.S. sheets cut in lanceolate petal shaped profile measuring 2.85m x 0.58m with M.S. hollow section of 50mm x100mm x 3mm fixed/welded longitudinally along the central portion to the bottom side of the cut profile. The support section shall be projecting outside the bottom area with a little bend/curve and is to be fixed/welded to the vertical column. Each of these 8 nos. elements are to be arranged in a spiral manner along the vertical column in a tilted position such that the element shall be looking like a flower having 8 nos. petal from the top. All arrangements shall be done as per the details and measurements provided in the drawing to achieve the desired view as mentioned in the drawing. Each of these elements shall be placed on either sides of the entry and exit gates on the inner sides as per the desired positions. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr, buffing as required etc. as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All S.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . 		1	SETS	
5	<p>Making Bonsai Pedestal as per drawing</p> <p>SITC of Stone Bonsai Pedestal which will act like stands for the Bonsai plants for the Bonsai Display in the open air comprising of total 34 nos. divided into two types as follows:with 14 no's. as per drawing provided with pedestal top of 0.5mx 0.5m (1xb) to hold the bonsai pot and 20 no's.as per drawing provided with pedestal top of 0.4mx 0.6m (1xb) to hold the bonsai pot. Each Pedestal will be supported by a base plate at the bottom made of un polished bhainslana black stone (rough textured) with a vertical pedestal. Holding up the base plate at its upper end on which the Bonsai pot will be placed. Please Refer to the drawing for specifications.</p>		2	NOS	
6	<p>Making Human Figure Silhouette as per drawing</p> <p>SITC of Human figure silhouette comprising of different human silhouettes,(man, Women, Children, Infants, etc.) as per the drawing. there are total 3 no. of silhouette panels. Length of the first panel is 6.91m and comprises of 7 installed figurines. The length of the second panel is 6.91m and comprises of 4 installed figurines. The length of the Third panel is 6.91m and comprises of 7 installed figurines.Each of the figurines is made up of M.S sheet of the thickness of 1.2-1.5 mm on a M.S base plate of 6mm Thickness, fitted with nuts and bolts. These 3 silhouette panels need to be installed on R.C.C pedestals already constructed for the same. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint of desired colour as per the specifications in the drawing before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		1	SETS	
7	<p>Making Leaf Canopy as per drawing</p> <p>SITC of leaf canopy element above seating comprising of 5 nos. each having size 3.0m dia x 1.5m x 3.0m height as per details provided made in M.S. elements. Each element shall comprise of a vertical element and a top horizontal element with a support below. The vertical element shall consist of M.S. hollow section of 150mm dia x 5mm thk fixed with a base plate of 300mm x 300mm x 12mm thk on a M-25 concrete pedestal measuring 600mmx 600mm to form a firm base. The top element shall be comprised of an ovate shaped framework of an outer frame of M.S. hollow sections of 50mm dia x 3mm thk with provision to fix polycarbonate sheet and the internal vein formation of M.S. hollow sections of 50mm dia x 3mm thk. The 6mm thk polycarbonate sheet shall be cut in the required ovate shaped profile of size 3.0m x 1.5m This ovate shaped element shall be placed horizontally with one end attached to the top end of the vertical column. This arrangement shall be having an extra element of M.S. hollow section of 80mm dia x 3mm placed in a concave curved manner with its one end attached to the bottom of the vertical column and the other end of the horizontal element with intermediate elements of M.S. hollow section of 40mm dia x 3mm placed at proper intervals as per drawings. This single element shall be placed adjacent to each other in 5 nos. in a row in a curved position covering the seating below as per drawing provided. All M.S. elements shall be applied with one coat of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation as required. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr, repainting as required etc. complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		1	NOS	
8	<p>Location signage</p> <p>S & F of Location signage as per drawing of size 1 m x 2m (l x h) made in M.S Frame of 50 mm thick M.S box section and paint finish along with acrylic sheet Vinyl painted. The Location signage will have location map as well as the information about the place located in English, Marathi & Brail language. Each panel of the signage will have a cutout of letters "CITY PARK" of height 100 mm & thickness 50mm in line with the thickness of the M.S frame of the panel. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		1	NOS	

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9	<p>Information signage</p> <p>S & F of information signage as per drawing of size 2 m x 1.5m (l x h) made in M.S. Frame of 50 mm thick M.S box section and paint finish along with acrylic sheet Vinyl painted. The information signage will have site map as well as the location of the areas in the garden helping people to locate the areas they want to go. Each panel of the signage will have a cutout of letters "CITY PARK" of height 100 mm & thickness 50mm in line with the thickness of the M.S frame of the panel. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		1	NOS	
10	<p>Direction Signage</p> <p>S & F of information signage as per drawing comprises of 1 column of dia 0.1m & 2.5m of height made in M.S. hollow section and paint finish with Directional plates pointing at different locations made in M.S plates of 6mm thickness . The direction signage will help people to go towards the areas they want to go. Each panel of the signage will have names of the areas the direction plates are pointing to. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		2	NOS	
11	<p>Tree signage</p> <p>S & F of information signage as per drawing measuring 1 m x 2 m (LxH) depth 0.12m made in M.S. Framework of 35mm x35mm x3mm hollow sections covered with 2mm thk M.S. sheet with vinyl sheet having the desired matter HD printed pasted on the M.S. sheet with lamination to protect from damage. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p>		1	NOS	
12	<p>Carnival gate</p> <p>SITC of Carnival gate as per drawing made of M.S framework comprising 2 horizontal column of 10.6 m in length made in M.S hollow section of 0.15m width, 0.2m depth, 4mm thick and paint finish placed on R.C.C columns and connected with 11 horizontal columns of 1.7m in length made in M.S hollow section of 0.1m width, 0.2m depth, 4mm thick and paint finish. There are 9 triangular installation in the carnival gate place on the horizontal columns out of which 5 triangular installation are 2m in height made of 50mm dia and 25mm dia M.S hollow sections and 4 triangular installation are 1.5m in height made of 50mm dia and 25mm dia M.S hollow sections. The Carnival gate comprises of colourful flags placed on triangular installations. The carnival gate will have LED signage of letters "FUN CITY" as per the drawing. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		1	NOS	
13	<p>Light Sculpture</p> <p>SITC of Light Sculpture comprises of framework and Word cutout Panel. The framework is made of M.S hollow box section of 50mm x 25mm (lxb) with 2mm thickness in paint finish resting on 3 mm M.S base plate. The letter cutout sheet is made of 3 mm Thick ACP/Acrylic with deired panel . The letters on the sculpture are laser cut into the sheet. The letters in the sculpture are as shown in the drawing. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS . Enamel paint of Berger or Asian Paints make. 		1	NOS	
14	<p>Kids Play Area</p> <p>Kids play Area is made of EPDM flooring 25 MM [19MM SBR & 6MM EPDM] - Supply and Fixing of 25 MM EPDM: Providing & Laying of EPDM (Ethylene Propylene Diene Monomer) Safety & Sports total 25MM [19 MM SBR & 6 MM EPDM] thick Rubber flooring systems comprising two layers with the top layer of 6mm being high quality EPDM granules and the bottom layer being 19 mm SBR. There are two types of pigments used in our EPDM which are organic and inorganic pigments. Inorganic pigments are used to manufacture Class 1 colours which are more stable. The granules shall be mixed on site with specially developed binders and trowelled by hand to specified thickness creating a seamless surface. The flooring system shall be hygienic, durable with high elasticity, all weather, resilient, non slip, high impact and easy maintenance EPDM. We have two types of EPDM granules , SR 5560 & SR 6065 for the sports and recreational market. Koosafe EPDM sports granules SR 5560 is resilient to both outdoor weathering and UV exposure. The Koosafe EPDM SR 6065 range is specially designed for high durability. It is suitable for running track applications. The performance requirements and test methods for impact absorbing playground surfacing shall comply with SS 495:2001 or ASTM Standards. The supplier must have carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors.</p>		1	NOS	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
15	<p>Inclusive Play Equipments for Inclusive Kids</p> <p>Play equipments have been divided in 3 parts taking Kids, toddlers and inclusive kids in consideration. The inclusive equipments for Kids are as follows: (1) BUTTERFLY ROCKER : Supply and Fixing of Butterfly Rocker - " The product to match the colours, design, size, contours and aesthetics exactly as per image attached. " All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The Butterfly rocker is a 4-way seesaw that has space for two children in a lying position as well as two children seated. The children meet in the middle where they can play together and rock the butterfly, making it a highly inclusive product. The unique belly seat creates a new experience for children who previously may have been excluded from playing. The rocker provides support and the supporting beam prevents children from falling off.All components designed and manufactured to meet with EN 1176 safety standards.</p>		1	NOS	
	<p>(2) INFINITY BOWL : Supply and Fixing of Infinity Bowl : " The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. " All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only.Our Infinity Bowl with its unique dipped edge design has been thoughtfully developed to increase inclusivity allowing far easier access into and out of the bowl. The bowl is designed to sit at an angle which further increases ease of access and provides a comfortable seated position while also enabling the bowl to self-propel; a child need only tilt their body slightly to get the bowl moving. This not only encourages independence but also allows children to play on their own with minimal physical exertion. All components designed and manufactured to meet with EN 1176 safety standards.</p>		1	NOS	
	<p>(3) KPSCP-001 : Supply & Fixing of KPSCP - 001: " The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. " All components designed and manufactured to meet with EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only.This is designed by moving away from the ordinary game park logic; that children discover different uses of the units, come up with their own play to play with it and challenge their imagination while learning to control their movements. Metal parts are comprised of ST 37 Steel with a 3- step metal finish. Sandblasting and solvent-free zinc primer coating and electrostatic powder paint application UV resistant with high value of light fastness rotomolded polyethylene parts are used to form the structure.All parts are manufactured with double wall technique with the thickness between 4-6 mm. All joints are Robotic welded. Dimensions LxWxH: 550 x 650 x 650 mm.</p>		1	NOS	
	<p>(4) ORB : Supply and Fixing of ORB : " The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. " All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only.The Orb, which is available in a choice of bright colours, is one of Inclusive Play's most popular products. It is highly sensory, fun, friendly and accessible to every single child. It rocks, makes a sound and the textured surface with ridged edges makes it a highly tactile unit.All components designed and manufactured to meet with EN 1176 safety standards.</p>		1	NOS	
16	<p>Play Equipments for Kids</p> <p>Play equipments have been divided in 3 parts taking Kids, toddlers and inclusive kids in consideration. The equipments for Kids are as follows: (1) ENZO :Supply & fixing of children multi play equipment ENZO: " The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. "All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. Upright structural post of height 0.60 m and 1.0 m,the equipment comprises 40 galvanized steel pipes which are connected using 13 metal connectors.The steel pipe is of size Dia 60 mm and thickness of 2 mm the connector Dia is 220 mm, are to be schedule HOT DIP Galvanized steel with a 60 mm OD and 2.2mm (wall) thickness of the tubing. The poles are welded on to a base plate made from steel with 114mm inner diameter. Straight Slide of size 2.30 m x 0.45 m and 2 sets of Curved tube of size 1.40 m x 1.12 m. ropes of Dia 16 mm are connected in 4 poles which like net climber and are connected to galvanized steel pipes with net loops and rest of the nets are connected to galvanized pipes in the form of web. Rock climber of size 1.40 m x 1.60 m. Plastic Components shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 of tamper resistant stainless steel. Exposed hardware shall be covered with safety caps as per EN1176 standards. All joints are Robotic welded. PLAY EQUIPMENT DIMENSIONS: 9.33 m x 7.82 m x 1.98 m</p>		1	NOS	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
17	<p>Play Equipments for toddlers</p> <p>Play equipments have been divided in 3 parts taking Kids, toddlers and inclusive kids in consideration. The equipments for Toddlers are as follows: (1) Vernonia : Supply and fixing of children Multi Play Equipment Vernonia - " The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. " All components designed and manufactured to meet with EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. Five numbers of upright structural posts of height 2.80 m and one number of upright structural posts of height 3.00 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. The poles are welded on to a base plate made from steel with 114mm inner diameter. One Number of Deck of size 1.45 x 1.45m and Staircase of size 1.09 m x 0.99 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision prepunched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Handrail of height 1.20 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes. Piped walls of Height 1.20 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars. Crab Roof of Size 1.97 m x 1.78 m x 0.77 m. Small Leaf roof of Size 1.31 m x 1.31 m , Straight slide 1.67 m x 0.93 m x 0.90 m , Double slide 2.33 m x 1.48 m x 1.20 m . Panels, Plastic Components shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 of tamper resistant stainless steel. Exposed hardware shall be covered with safety caps as per EN1176 standards. All joints are Robotic welded. PLAY EQUIPMENT DIMENSIONS: 6.67 m x 2.60 m x 3.60 m.</p>		1	NOS	
	<p>(2) SEE SAW TWO SEATER-E: Supply and Fixing of 2 Seater See Saw:" The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. " All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. All Joints are Robotic Welded. PLAY EQUIPMENT DIMENSIONS: 3.11 m x 0.44 m x 0.66 m.</p>		1	NOS	
	<p>(3) HORSE RIDER : Supply and Fixing of Horse Rider: " The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. "All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All Joints are Robotic Welded. HDPE of size 0.83 m x 0.31 m x 0.87 m.</p>		1	NOS	
	<p>(4) ELEPHANT RIDER : Supply and Fixing of Elephant Rider: " The product to match the colours, design, size, contours and aesthetics exactly as per the image attached. "All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has carried out in excess of at least 100 public park projects in India either by themselves or through their dealers or contractors. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All Joints are Robotic Welded. HDPE of size 0.83 m x 0.31 m x 0.87 m.</p>		1	NOS	
18	<p>Making Japanese pagoda light element as per drawing (Type 1)</p> <p>SITC of Japanese pagoda light as per details provided made in FRP and metal armature. The Pagoda shall consist of 5 no.'s of lantern lights put one above the other as per the drawing. The size of the pagoda will be 0.7m x 0.7m x 3m (lxbxb). The 3D pagoda shall consist of a strong armature consisting of M.S. solid bars of 6mm and 12mm dia with anti-rust/ anti-corrosive coating to form a strong reinforcement for the same. The entire pagoda shall be made in FRP comprising of 4 layers of combination of glass wool matting of 300 gsm and a mixture of FRP resin (ISO resin) with gel coat color pigment, binding material, hardener and other materials mixed together and casted out of rubber mould (made from clay work base) to form the FRP sculpture body of the Pagoda in the required shape and size. This multiple layered casting of FRP is done to ensure longer durability and longevity of the structure considering harsh outdoor environment. The FRP elements shall be applied with single layers consisting of base coat of duco paint covered with color coat of 2K automotive high quality paint of required color and shade topped with clear coat layer in matt finish and stone texture. The entire Pagoda shall be detailed out and painted so as to resemble the appearance of real Stone Pagoda as in Japanese gardens. The sculpture shall be fixed on the existing Concrete / RCC base including all fittings and fixtures and making the joints seamless with color grout as required complete in all respects as per details provided and as directed by Engineer -in -charge. The lighting sockets and light bulb (Water proof IP- 68) will be inbuilt and pagoda will be ready to install with a electric source point.</p>		1	NOS	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
19	<p>Making Japanese pagoda light element as per drawing (Type 2)</p> <p>SITC of Japanese pagoda light as per details provided made in FRP and metal armature. The Pagoda shall consist of 1 lantern light as per the drawing. The size of the pagoda will be 0.45m x 0.45m x 0.75m (lxbxh) . The 3D pagoda shall consist of a strong armature consisting of M.S. solid bars of 6mm and 12mm dia with anti-rust/ anti-corrosive coating to form a strong reinforcement for the same. The entire pagoda shall be made in FRP comprising of 4 layers of combination of glass wool matting of 300 gsm and a mixture of FRP resin (ISO resin) with gel coat color pigment, binding material, hardener and other materials mixed together and casted out of rubber mould (made from clay work base) to form the FRP sculpture body of the Pagoda in the required shape and size. This multiple layered casting of FRP is done to ensure longer durability and longevity of the structure considering harsh outdoor environment. The FRP elements shall be applied with single layers consisting of base coat of duco paint covered with color coat of 2K automotive high quality paint of required color and shade topped with clear coat layer in matt finish and stone texture. The entire Pagoda shall be detailed out and painted so as to resemble the appearance of real Stone Pagoda as in Japanese gardens. The sculpture shall be fixed on the existing Concrete / RCC base including all fittings and fixtures and making the joints seamless with color grout as required complete in all respects as per details provided and as directed by Engineer -in -charge. The lighting sockets and light bulb (Water proof IP- 68) will be inbuilt and pagoda will be ready to install with a electric source point.</p>		1	NOS	
20	<p>Supply of Rocks</p> <p>Supply of Slate Rocks of height 2.4 & 5ft with rough texture. The width can range from 0.8 to 1.2 ft of 8.5 tons. The rocks should be cleaned. To be used for Japanese garden.</p>		9000	kg	
21	<p>Supply of Stone Chips</p> <p>Supply of stone chips of colour white(70 bags), grey(40 bags), black(50 bags) and brown(40 bags). 1 bag consists of 40 kg of chips.</p>		8	ton	
22	<p>Moulds to create cutouts for City Trail</p> <p>10 number of cutouts have to be created insitu in the 300 mm Thick R.C.C Sculpture walls placed at designated locations in the park as per the plan. These moulds will be placed within the R.C.C sculpture walls to create cutouts. The different Moulds are as per the drawing and will be made from Commercial Thermocol of 300mm supported by metal sections. The sizes of the moulds are as per the specifications given in the drawing.</p>		1	NOS	
23	<p>Kitchen Equipments</p> <p>SITC of Kitchen Equipments consisting of 2 sizes as following. (A) 8 no's. of S.S Work Stations comprising of Table top (16 SWG SS 304) with 2 UnderShelves (18 SWG SS304), 3 Sideclosed and Front Sliding Door with square pipe of 1.5" x 1.5" (18 SWG SS304) and Covering of (20 SWG SS304) of size 60" x 36" x 34" (l x b x h). (B) 8 no's. of S.S Work Stations comprising of Table top (16 SWG SS 304) with 2 UnderShelves (18 SWG SS304), 3 Sideclosed and Front Sliding Door with square pipe of 1.5" x 1.5" (18 SWG SS304) and Covering of (20 SWG SS304) of size 66" x 24" x 34" (l x b x h). The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr, buffing as required etc. as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All S.S. elements like to be of Tata/JSW or equivalent make conforming to IS . 		1	NOS	
24	<p>Toy Train</p> <p>S & I of Medium Toy train. The toy train comprises of 1 Engine, 1 Tender and 4 Boggies with attractive colours and completely safe for all. The Engine is made with fiber glass material with MS channel & Pipe Framing inside with Flooring of Aluminum checker plate which is easily washable & durable of size 108"x 42"x 60" (L xW x H). The Tender is made with fiber glass material with MS channel & Pipe Framing inside with Flooring of Aluminum checker plate which is easily washable & durable of size 60"x 42"x 60" (L xW x H). The Boggies are made with fiber glass material with MS channel & Pipe Framing inside with Flooring of Aluminum checker plate which is easily washable & durable of size 60"x 42"x 60" (L xW x H).</p>		1	NOS	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
25	<p>Mist Ring</p> <p>SITC of Water Mist Ring as per details provided made in FRP. The Ring Mist shall consist of misting nozzles as shown in the drawing. The size of the Ring will be 3m x 0.2m x 3.7m (LxBxH). The entire Ring mist shall be made in FRP comprising of 4 layers of combination of glass wool matting of 300 gsm and a mixture of FRP resin (ISO resin) with gel coat color pigment, binding material, hardener and other materials mixed together and casted out of rubber mould (made from clay work base) to form the FRP sculpture body of the Pagoda in the required shape and size. This multiple layered casting of FRP is done to ensure longer durability and longevity of the structure considering harsh outdoor environment. The FRP elements shall be applied with single layers consisting of base coat of duco paint covered with color coat of 2K automotive high quality paint of required color and shade topped with clear coat layer in matt finish and stone texture. The entire Pagoda shall be detailed out and painted so as to resemble the appearance of real Stone Pagoda as in Japanese gardens. The sculpture shall be fixed on the existing Concrete / RCC base including all fittings and fixtures and making the joints seamless with color grout as required complete in all respects as per details provided and as directed by Engineer -in -charge.</p>		1	NOS	
26	<p>Drinking water fountain</p> <p>SITC of 2 types of Drinking Water fountain in the garden. The 2 types of Water Fountain are as follows - (1) Drinking water fountain with bottle filling stations : It is of the make oasis of Model no: MMRSLSBF. This surface mount hydration station combos is manually activated. The bottle filler requires a push of the touch-button, while the drinking fountains are activated via the push-buttons. The water system consists of active filtration system with built in 100 micron strainer and Built in drain with Removable drip tray. The water fountain is made of Antimicrobial ABS Plastic, Brushed Stainless Steel & Heavy Duty Galvanised Steel. The size of the system is 591mm x 1003mm x 470mm (HxWxD).</p>		1	NOS	
	<p>SITC of 2 types of Drinking Water fountain in the garden. The 2 types of Water Fountain are as follows - (2) Drinking water fountain without bottle filling stations : It is of the make oasis of Model no: MMRSL. Light press of the push pad activates the water flow when the user approaches. Two fountain have manually operated copper buttons that requires no electricity. The water system consists of active filtration system with built in 100 micron strainer and Built in drain with Removable drip tray. The water fountain is made of Antimicrobial ABS Plastic, Brushed Stainless Steel & Heavy Duty Galvanised Steel.</p>		1	NOS	
	<p>MC2 filtration in kitchen</p>		1	NOS	
	<p>SITC of MC2 filtration in the kitchen. The MC2 filtration is of the make Pentair of Model no: EY932803. The Everpure Coldrink MC2 single-water filtration system delivers quality water for fountain beverage applications. The exclusive 20" precoat filtration design helps combat chlorine taste & odor reduction while sifting through dirt and sediment down to 0.5 microns. The MC2 filtration has the capacity of 27000 gallons with the flow rate of with the flow of 5 GPM.</p>				
27	<p>Half Relief Murals</p> <p>Design Manufacture Supply Installation of Half Relief Murals depicting History of Panvel, different cultures of Agri Koli and modern development of Panvel. There are 6 different size of mural. 3 murals are of size 4.25m x 1.3m (LxH), 2 Murals are of size 3.9m x 2.0m (LxH) and 1 Mural is of size 4.25m x 2.0m (LxH). Complete Mural shall be made of glass fibre Reinforced polymer in marin grade resin corrosion resistance and hydro carbon resistance. It shall be reinforced with 200 GSM, 300 GSM and 450 GSM chopped powder matt comprising viscosity @ 25 degree celcius and it should be 300 - 400 CPS with acid value of 25 mg KOH/g. The GFRP moulded components not less than 20-30. All inner fabrication work with which required (Yst - 240) pipe which will be hot dipped galvanized. The material will be duly painted with UV stabilized alephatic polyurethane paint. Fabricated surface shall be duly painted with bascoat of PU primer surfacer and top coat of PU paint with hardener. Colour shade shall be directed as per architect.</p>		1	NOS	
28	<p>SS signage in Marathi</p> <p>SITC of 3d text signage reading "CITY PARK" marathi font in Stainless steel material as per design provided. Height of each letter 0.7 m. X proportionate width X 0.45m width. Fabrication and installation of 3d text signage reading as "CITY PARK" in marathi as per the desired font style. All individual letters will be comprised of hollow elements with proper joining, welding and finishing as the signage is subject to public intervention/ movement. Fabrication of framework for internal support structure to be made out of 50mm x 50mm M.S. square sections and angles cut, welded and fixed in the desired shape duly coated with antirust coating /paint to prevent corrosion. The external part to be covered with 1.2mm thk S.S. (304 grade) sheets cut in the required profile and welded/joined together and finished with required polishing achieving smooth edges for public to comfortably rely on. The letters to be anchored to the base with M. S. Plate and bolting systems. The entire signage to be finished by proper polishing, smoothening of edges and coatings fixed properly, complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes -</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/ and S.S. elements to be of Tata/JSW make conforming to IS . 		1	NOS	
29	<p>Supply of Flexible cladding</p>				
	<p>Supply of flexible cladding of wooden texture. This cladding comes in the panel of 1.5 sqft. The external surface of the boat will be covered in the wooden flexible cladding. It covers 2500.50 sqft of area.</p>		1	sqft	

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30	<p>Entrance gate</p> <p>SITC of Entrance gate comprising of 2 panels each having size 2.5 m × 3.0 m (LxH) as per details provided made in M.S. elements. Each element shall comprise of M.S Framework with 2 vertical elements, 1 horizontal element and 1 arch element. All the elements shall consist of M.S. hollow section of 50mm x 50 mm x 5 mm thk welded Fixed on a M-25 concrete Column post measuring 450mm x 450mm x 2300mm (LxBxH). The internal design of the gate comprises of a Leaves in different directions as per details made of M.S elements. Each leaf is made of M.S framework of 18 mm Thick M.S square tubes in the shape of as per the detail. The internal Skeleton of the leaf is made of 12 mm Thick M.S square tubes. o All M.S. elements shall be applied with one coat of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation as required. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr, repainting as required etc. complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes –</p> <ul style="list-style-type: none"> All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS Enamel paint of Berger or Asian Paints make. 		1	NOS	
31	<p>Supply of granite</p> <p>Supply of different types of granite i.e (1) STEEL GREY FLAMED (30 mm): This granite is used for Paved plaza, Cafeteria and Boat surrounding of the garden (2) STEEL GREY FLAMED (50MM): This granite is used for entrance paving of the garden (3) TELEPHONE BLACK FLAMED (30mm): This granite is used for entrance paving and below light sculpture. (4) LAKHA RED FLAMED: This granite is for for internal pathway paving of the garden.</p>		1	SQM	
32	<p>Fish Murals</p> <p>S & F of half relief FRP Murals as per detail in stone finish of size not less than 3m X 1.5m (Lx H) based on different species & families of fish from river to sea in the aquarium The murals shall be of 4mm - 6mm thk of 6 layers of FRP on 1 mm Gel coat matting with powder coat paint of 83 micron in approved colour and texture fixed firmly with armature of M.S/ grid / foundation and fixed to the walls as specified and directed by Architect/Consultant. (beside image for reference)</p>		1	NOS	
33	<p>Tree Grating</p> <p>S & F of tree grating as per detail in FRP of 4mm . thickness 4mm to 6mm comprises of 6 layers of 1mm gel coat matting with powder coat paint of 83 microns fixed firmly with (armature) M.S. foundation made by 35mm x 35mm square pipe with metal grid complete as specified and directed by Architect/Consultant. (beside image for reference)</p>		1	NOS	
34	<p>Aquarium</p> <p>SITC of Auarium comprising of 5 sets of Aquarium tank of size (1) 9 ft X 2.5 Ft X 4 FT . (LxBxH) (2) 8 T X 2.5 FT X 4 FT (LxBxH) (3) 6 FT X 2.5 FT X 4 FT (LxBxH), (4) 5 FT X 2.5 FT X 4 FT (LxBxH) and a Acrylic tunnel of size (5) 30mm Thick 2M DIA X 1.2M HIGH x 40 FEET LONG. Each set consists of Metal Framing Work with Coating, Glass Panels Laminated and plain once Glass Panel, Silicon pasting and Installation. TANK Leakage Testing. Tank Backdrop Work with Required Theme. Suitable Gravel and Sand. Suitable Rocks ,Drift Wood, Aqua-scaptic Decoration Required Capacity of Sump Filter System. Required Filter Media with high grade for easy maintenance Protein Skimmers For Marine Tanks. Required Amount of Salt For Salt Water Tanks. Recirculation System with Pumps. Wave Maker For Moving Water Circulation. Led Light sets for Fresh and Salt water tanks with Different Theme. Plumbing Materials and plumbing work For Fish Tank to Filter System. Water Treatments and required medications for Live stock . Pro Bacteria For Cycling the Fish Tanks. Fish Food, Fasn Nets and cleaning Accessories as per Requirement. Air Pump System with Diffusers For all Tanks Different Types of Live Fishes 100 plus varieties as of Recommended Quantity. Different types of Live Plants for Recommended Tanks.</p>		1	NOS	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
35	<p>Boat sails</p> <p>SITC of Boat Museum Sails comprising of 3 nos. of coloumns size (1) 0.3m dia × 14.3 m height, (2) 0.3m dia × 9.5 m height and (3) 0.3m dia × 8.0 m height each as per details provided made in M.S elements, (1) 0.3m dia × 14.3 m height coloumn comprises of 4 sails out of which 3 sails are made of metal mesh of 100mm x 100mm and 3.75m height welded to horizontal M.S coloums of 50 mm dia and 4.5m in length on both sides and covered with sails canvas as per the detail and 1 sail is made of metal mesh of 100mm x 100mm and 0.6m height welded to horizontal M.S coloums of 20 mm dia and 1.9m in length and covered with sails canvas on both sides as per the detail and 2 tendons as per drawing. (2) 0.3m dia × 9.5 m height coloumn comprises of 3 sails out of which 1 sail is made of metal mesh of 100mm x 100mm and 2.70m height welded to horizontal M.S coloums of 50 mm dia and 4.4m in length on both sides and covered with sails canvas as per the detail, 2nd sail is made of metal mesh of 100mm x 100mm and 3.65m height welded to horizontal M.S coloums of 50 mm dia and 4.8m in length and covered with sails canvas on both sides as per the detail and 3rd sail is made of metal mesh of 100mm x 100mm and 1.50m height welded to horizontal M.S coloums of 50 mm dia and 3.8m in length on both sides and covered with sails canvas as per the detail and 5 tendons as per drawing. (3) 0.3m dia × 8.0 m height coloumn comprises of 2 sails which are made of metal mesh of 100mm x 100mm and 2.70m height welded to horizontal M.S coloums of 50 mm dia and 4.4m in length on both sides and covered with sails canvas as per the detail and 4 tendons as per drawing. The M.S. elements shall be applied with one coats of red oxide primer and two coats of synthetic enamel paint before installation & one coat after installation including cleaning etc. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr etc. repainting as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p> <p>Notes – • All M.S. elements like channels/ sections/rods/sheets to be of Tata/JSW make conforming to IS. • Enamel paint of Berger or Asian Paints make.</p>		1	NOS	
36	<p>FRP for oval gazebo</p> <p>SITC of Gazebo roof panel made up of FRP having suitable thickness. Complete structure shall be PU painted with any selected RAL code color by consultant. There shall be supporting structural member of GI sections. Roof panel structure should have flanges provision which will be supported on columns.</p>		1	NOS	
37	<p>FRP for Pergola</p> <p>SITC of Pergola structure with Jali design made up of FRP and duly painted by PU paint of any selected RAL code color by consultant. All supporting members are GI pipe sections of suitable size and as per approved by consultant.</p>		1	NOS	
38	<p>Ferris Wheel</p> <p>SITC OF Ferris wheel consisting of total height of 30 meters with the foundation area of size of 17M x 11M, floor area of 32M X 13M and consisting of 21 Gondals. Weighing 52 tons with estimated capacity of 1260pax/hour .the total number of passenger is 84, with 4 seats in each gondalsl. The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr, buffing as required etc. as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p>		1	NOS	
39	<p>Animal Carousal</p> <p>SITC of Animal Carousal of 6.5 M in height and 8.5 M of Floor diameter, 8.5 tons in weight , comprising of 22 to 40 seats having estimated capacity of 400/500p/h with the speed of 2 R.P.M max, automatic / manual base operating . The installation shall be finished with all necessary supporting arrangement, surface cleaning, Grinding and removing the welding burr, buffing as required etc. as required and necessary finishing complete in all respects as directed by the Engineer-in-charge.</p>		1	NOS	

Garden_Amphi_Fountain show_Kharghar, navi Mumbai. (25X6 mtrs)					
No.	equipment	specs		Nos	Rates including all taxes except GST in (Rs.)
Fountain system					
1	Central Jet Spray Height=20m With VFD Control	SITC of Musical Spout structure made of SS 304 grade industrial grade to make different patterns to create Water Effects of adjustable height. Center Jet Height 30 Meter Comet Nozzle. DN100 SS304 nozzles. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal,WET		1	
2	Circular Chasing Jets Spray Height=10m With Solenoid Control	SITC of Musical Spout structure made of SS 304 grade industrial grade pipes to make different patterns to create Water Effects of adjustable height. solenoid valved controlled circular Chasing Jet Comet Nozzle Height 10 Meter DN40 SS304 nozzles. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		6	

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3	Curve Chasing Jets Spray Height=10m With Solenoid Control	SITC of Musical Spout structure made of SS 304 grade industrial grade pipes to make different patterns to create Water Effects of adjustable height. solenoid valved controlled curved Chasing Jet Comet Nozzle Height 10 Meter DN40 SS304 nozzles. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		7	
4	High Dome Spray Height=15m	Customized DN80mm Stainless steel 304 material with polished finish Oase, Crystal Or Himalaya Brand		1	
5	Rainbow Jets Spray Height=15m	Customized DN80mm Stainless steel 304 material with polished finish Oase, Crystal Or Himalaya Brand		1	
6	Digital Legion Spray Height=12m With VFD Control	SITC of Musical Spout structure made of SS 304 grade industrial grade to make different patterns to create Water Effects of adjustable height. 2D Digital Lotus Swing Nozzle Height 12 Meter DN50 SS304 nozzles with 2 separate motor for pan and tilt Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
7	Fairy Fog Spray Height=2m	DN25mm Mist Nozzles with Stainless Steel Material, Lighted by Colored Led Lights, creating a fairy scene in the lake Oase, Crystal Or Himalaya Brand.		7	
8	Rotary Nozzle Spray Height=6m With VFD Control	Customized DN65mm Stainless steel 304 material with polished finish Oase, Crystal Or Himalaya Brand		1	
9	Water-screen (H=7M, W=20M)	SITC of Musical Spout structure made of SS 304 grade DN150 industrial grade pipes Water Screen Generator creates huge fan-shaped water-screen, Height 10meter and width 27 meter. DN510 SS304 nozzles. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
10	Pressure Valve	SITC of Electrically operated Pressure Valve designed for extremely fast operation and minimum obstruction for a high flow rate. Pressure Valve For unformed or designed spray Height, Material: SS304 Diameter: DN50 Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
11	Pressure Valve	SITC of Electrically operated Pressure Valve designed for extremely fast operation and minimum obstruction for a high flow rate. Pressure Valve For unformed or designed spray Height, Material: SS304 Diameter: DN40 Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
12	Underwater Solenoid	SITC of Electrically operated Solenoid Valve designed for extremely fast operation and minimum obstruction for a high flow rate. Solenoid Valve For unformed or designed spray Height, Material: SS304 Diameter: DN40 Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		13	
13	Fountain Pipe	SITC of Threaded Pipe SS 304 seamless Pipe with 3mm Thickness, bended, cut, welded as fountain drawings. With Sloped threading Pipe Diameter:DN100		14	
14	Fountain Pipe	SITC of Threaded Branch Pipe SS 304 seamless Pipe with 3mm Thickness, bended, cut, welded as fountain drawings. With Sloped threading Pipe Diameter:DN65		7	
15	Threaded Branch Pipe	SITC of Threaded Pipe SS 304 seamless Pipe with 3mm Thickness, bended, cut, welded as fountain drawings. With Sloped threading Pipe Diameter:DN80		2	
16	Threaded Branch Pipe	SITC of Threaded Branch Pipe SS 304 seamless Pipe with 3mm Thickness, bended, cut, welded as fountain drawings. With Sloped threading Pipe Diameter:DN50		3	
17	Threaded Branch Pipe	SITC of Threaded Branch Pipe SS 304 seamless Pipe with 3mm Thickness, bended, cut, welded as fountain drawings. With Sloped threading Pipe Diameter:DN40		27	
18	Threaded Branch Pipe	DN25mm Seemless pipe with stainless steel 304 material Thickness \geq 3mm		7	
19	Fountain Pump For Central Jet	SITC of Stainless Steel Submergible high speed multi stage horizontal, pump with volute type delivery with high efficiency, chemical resistant and ultra quiet operation made of Stainless Steel. Impeller:Stainless Steel impeller, Input Voltage: 380-415V 50HZ Power: SP77-6(15KW)		1	
20	Fountain Pump For Rainbow	SITC of Stainless Steel Submergible high speed multi stage horizontal, pump with volute type delivery with high efficiency, chemical resistant and ultra quiet operation made of Stainless Steel. Impeller:Stainless Steel impeller, Input Voltage: 380-415V 50HZ Power: QS95-4(18.5KW)		1	
21	Fountain Pump Digital Legion/Rotatry Jets	SITC of Stainless Steel Submergible high speed multi stage horizontal, pump with volute type delivery with high efficiency, chemical resistant and ultra quiet operation made of Stainless Steel. Impeller:Stainless Steel impeller, Input Voltage: 380-415V 50HZ Power: SP30-3(3KW)		2	
22	Fountain Pump For Chasing Jets	SITC of Stainless Steel Submergible high speed multi stage horizontal, pump with volute type delivery with high efficiency, chemical resistant and ultra quiet operation made of Stainless Steel. Impeller:Stainless Steel impeller, Input Voltage: 380-415V 50HZ Volume: Power: SP125-1(11KW)		1	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
23	Fountain Pump For High Dome	SITC of Stainless Steel Submersible high speed multi stage horizontal, pump with volute type delivery with high efficiency, chemical resistant and ultra quiet operation made of Stainless Steel. Impeller:Stainless Steel impeller, Input Voltage: 380-415V 50HZ Power: SP46-5(7.5KW)		1	
24	Fountain Pump For Fairy Fog	SITC of Stainless Steel Submersible high speed multi stage horizontal, pump with volute type delivery with high efficiency, chemical resistant and ultra quiet operation made of Stainless Steel. Impeller:Stainless Steel impeller, Input Voltage: 380-415V 50HZ Power: QS30-8(7.5KW)		1	
25	Fountain Pump For Water Screens	SITC of Stainless Steel Submersible high speed multi stage horizontal, pump with volute type delivery with high efficiency, chemical resistant and ultra quiet operation made of Stainless Steel. Impeller:Stainless Steel impeller, Input Voltage: 380-415V 50HZ Power: SP160-8(93KW)		1	
26	Underwater Lighting	SITC of IP 68 protected LED Under water Doughnut shape light system in SS housing and bracket, AC24V,108W LED Lamp Stainless Steel Case Tempered Glass Cover IP68 Grade, Epoxy filled 3-Channel DMX 512 Color Control support LED Lamps with dynamic colour changing capability available in quick connecting cable coupled with various accessories. Ability to create 16.7 million uniform, smooth and brilliant colours without revealing any lamp image. With Separate driver in separate box for each Lamp with Light bracket. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		2	
27	Underwater Lighting	SITC of IP 68 protected LED Under water Doughnut shape light system in SS housing and bracket, AC24V,36W LED Lamp Stainless Steel Case Tempered Glass Cover IP68 Grade, Epoxy filled 3-Channel DMX 512 Color Control support LED lamps with dynamic colour changing capability available in quick connecting cable coupled with various accessories. Ability to create 16.7 million uniform, smooth and brilliant colours without revealing any lamp image. With Separate driver in separate box for each Lamp with Light bracket. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		20	
28	Underwater Cable	2*6 Underwater Cable IEC Standard Conductivity Rubber Case with Multi-stand Copper Core(soft) 2core*6sqmm		78	
29	Underwater Cable	SITC and digging, refilling For Pump Rubber Case with Multi-stand Copper Core(soft) 3core*75sqmm IEC Standard Conductivity with conduit for under water pump from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		11	
30	Underwater Cable	3*25 Underwater Cable IEC Standard Conductivity Rubber Case with Multi-stand Copper Core(soft) 3core*25sqmm		11	
31	Underwater Cable	SITC and digging, refilling For Pump Rubber Case with Underwater Multi-stand Copper Core(soft) cable 3core*10sqmm IEC Standard Conductivity with conduit for under water pump from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		22	
32	Underwater Cable	SITC and digging, refilling For Digital Motor Underwater Cable, Rubber Case with Multi-stand Copper Core(Screen) 3core*6sqmm IEC Standard Conductivity with conduit for LED Light from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		111	
33	Underwater Cable	SITC and digging, refilling For Pump Rubber Case with Multi-stand Copper Core(soft) 3core*2.5 sqmm IEC Standard Conductivity with conduit for under water pump from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		178	
34	Underwater Cable	2*0.75 Twist couple(Screened) Screened For LED Signal IEC Standard Conductivity Rubber Case with Multi-stand Copper Core(soft) 2core*0.75sqmm With Screen		122	
35	Shielded Cable	SITC and digging, refilling Screen Underwater cable for sensor, Rubber Case with Multi-stand Copper Core(screened) 3core*1sqmm IEC Standard Conductivity with conduit for solenoid valve from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		133	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
36	Underwater Cable	SITC and digging, refilling Screen Underwater cable for sensor, Rubber Case with Multi-stand Copper Core(screaned) 4core*1.5sqmm IEC Standard Conductivity with conduit for solenoid valve from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		133	
37	Underwater Cable	SITC and digging, refilling For Solenoid valve Underwater Cable, Rubber Case with Multi-stand Copper Core(soft) 27core*1sqmm IEC Standard Conductivity with conduit for LED Light from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		67	
38	Underwater Cable	SITC and digging, refilling For Pump Rubber Case with Underwater Multi-stand Copper Core(soft) cable 3core*1sqmm IEC Standard Conductivity with conduit for under water pump from Junction box to Electrical panel , pump to electrical panel, all electrical cabling with conduit and elbo , bend , tee, junction box, and cable from water boby to control room ,main feeder near control room to electrical panel feed, electrical panel to open well submesible pump, cable from electrical panel to under water lights, etc complete as per the electric drawing of the fountain (MAKE :- FINOLEX/ HEWELS/ ANCOR/International brad with IEC standard) or Equivalent		89	
39	Control Cabinet	SITC of SMART digital real time based Power Supply Cabinet for cfor distributing power to all control cabinets. Body shall be powder coated sheet metal cabinet for indoor installation, wall mounted, dust proof and shall be with hinged doors with rubber gasket. Panel shall come with single phase prevention and With necessary second-circuits appliances. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
40	Chasing Jet Control	SITC of solenoid Control Sequence and Grouping control for solenoid through Solid State Relays with fuse. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		13	
41	Digital Motor Control	SITC of Digital Fountain Control Including MCU that turns DMX commands from software to pulse signals, and also detects calibration signals. Including Digital Motor-drivers with Pulse and Direction Control Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
42	Fountain Software	SITC of 8 Universe Fountain Server, Control Computer, Fountain Software. SETUP/FIXTURE		1	
43	Soft-starter	SITC of Soft starter for 110KW pump Make: Shneider Brand Or Equivalent		1	
44	VFD	SITC of VFD. Which can withstand the harsh outdoor elements and the constant use of a fountain pump. voltage of the VFD must match the voltage of the fountain pump. The current rating of the VFD must be able to handle the current draw of the fountain pump. Inverter, Schneider, ABB Brand or Equivalent Heavy-duty VFD, to have accurate Height Control Power:3PHASE 415V 45KW		1	
45	VFD	SITC of VFD. Which can withstand the harsh outdoor elements and the constant use of a fountain pump. voltage of the VFD must match the voltage of the fountain pump. The current rating of the VFD must be able to handle the current draw of the fountain pump. Inverter, Schneider, ABB Brand or Equivalent Heavy-duty VFD, to have accurate Height Control Power:3PHASE 415V 11KW		1	
46	VFD	SITC of VFD. Which can withstand the harsh outdoor elements and the constant use of a fountain pump. voltage of the VFD must match the voltage of the fountain pump. The current rating of the VFD must be able to handle the current draw of the fountain pump. Inverter, Schneider, ABB Brand or Equivalent Heavy-duty VFD, to have accurate Height Control Power:3PHASE 415V 5.5KW		2	
47	Digital VFD Control	SITC of Digital VFD Control DMX to analog control Which can withstand the harsh outdoor elements and the constant use of a fountain pump. voltage of the VFD must match the voltage of the fountain pump. The current rating of the VFD must be able to handle the current draw of the fountain pump. Inverter, Schneider, ABB Brand or Equivalent Heavy-duty VFD, to have accurate Height Control with PLC control		2	
48	Digital Transformer	SITC of Lighting Transformer Device AC415V TO AC 80V 7500VA Transformer for LED lights, with 2000W Capacity, With Stainless Steel Case, and Filled With epoxy for Water proofing with Lamo power supply (IP68 Grade, Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
49	DMX Amplifier	SITC of DMX Amplifier DMX Booster and Splitter, with 1 input and 4-8 outputs as per need, input and output insulated to each other. Make: OASE, Fontana fountains, Symphony Fountains, Haiweisi, Lifeng, Himalaya (HMF), Crystal, WET		1	
50	Fountain base	SITC of 25*6m Fountain base Structure With DN400 MS Pipes, Diameter =400mm Thickness No less Than 5mm With Marine Paint Good For Minimum 30 Years' using.		1	
51	Anchoring Ropes	DE12MM Stainless Steel Ropes		11	
52	Colored Rainbow /Water Peak Pressure Stabilizer	SITC of stainless steel 304 Customized Water Pressure Tank Small Size Pressure tank with water-flow director, to stabilizer water flow from pumps for center jet		1	
53	Water Screen Pressure Stabilizer	SITC of stainless steel 304 Customized Water Pressure Tank Small Size Pressure tank with water-flow director, to stabilizer water flow from pumps for water screen		1	
54	Pipe Flange	SITC of stainless steel 304 Pipe Flange, pump flange for pump mounting , pump Connection and pad for flange connection		5	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
55	Pump Flange	SITC of stainless steel 304 Pipe Flange, pump flange for pump mounting , pump Connection and pad for flange connection		7	
56	Waterproof Tape/Resin	SITC of Waterproof Resin/Connector/Tapes, Paintm Screws, Bolts and all other accessories		1	
	AV Projection system				
57	Laser projectors	Supply, Installation, Testing, and Commissioning (SITC) of a 3DLP Laser Phosphor Projector System, featuring 1920x1200 native resolution, minimum brightness of 31,500 lumens, and a contrast ratio of 1800:1. Illumination life is specified at 20,000 hours. The system offers motorized horizontal and vertical lens offset for flexible installation. Input capabilities include 3G-SDI x 1 (BNC), HDMI 2.0, DisplayPort x 1, and HDBaseT. Controls are comprehensive, featuring RS232 in/out, RS422 in, Ethernet (10/100) for network integration, and USB for direct device connection. The projector is to be supplied complete with lens selection appropriate for the specific site conditions to ensure optimal image quality and coverage.		1	
58	Primary media server	Intel i7 Processor or equivalent Window 10 pro OS (With lifetime license) with 16GB RAM or more Nvidia GPU with minimum 4 outputs supporting 7680x4320@60Hz 256 GB SSD primary drive 256 GB SSD secondary drive Motherboard supporting 1 gpu at x16 Full HD output on each display out 23/24 " Flat Panel LED Monitor with HDMI or equivalent display port Industrial grade components from high end brands like Asus, MSI, Gigabyte, corsair, coolermaster This mapping system needs to be designed to create an integrated projection mapping show with 2 or more wuxga projectors edge blended together Backup Media Server, if required Warranty: 3 Yrs. onsite		1	
59	Laser lights 11 watts	Advanced laser projection system, ideal for high-quality and dynamic light displays. Key specifications include an approximate power output at aperture of 11 mW. Color-specific outputs are approximately 3.5 mW at 637 nm (Red), 5 mW at 525 nm (Green), and 4 mW at 455 nm (Blue). Beam specifications are around 5.0 mm with a divergence of approximately 0.7 mrad. The system includes high-speed scanners, capable of approximately 45kpps at 8° ILDA, and an optional CT-6210 with LAS Turboscan reaching up to approximately 60 kpps at 8° ILDA, with a maximum scan angle of about 60°. The system's maximum scan angle is around 50°. Supports various operation modes including ILDA, DMX, LAN, ArtNet.		1	
60	Laser software	Beyond advance/Ulimate It should support DMX,Artnet,SMPTE,MIDLsACN Support multimedia timeline. Fixture, DMX groups, Multigroups Synchronorm TC in 3D laser graphics support Beyond universe support SHould be able to playback video unlimited layers		1	
61	laser control boxes	Full ethernet control Stand alone SD card memory Full color OLED display Support for DMX, ArtNet, ILDA and OSC		1	
62	HDMI Extender receiver/ transmitter	The supply includes HDMI Extender sets or optical fibre wired inbuilt HDMI cable capable of seamless audio and video transmission across distances of up to 300 to 600 feet. Utilizing cutting-edge HDBaseT technology, these extenders offer zero-latency signal delivery for high-quality, reliable performance in expansive setups and intricate installations. Key features include support for 1080p and 4K resolutions, EDID management using external devices for optimized signal integrity, and HDCP compliance for secure content transmission. Additionally, these extenders are equipped with bi-directional IR control, allowing remote operation of source and display devices.		1	
63	Network Switch	The SITC integrates a 24-port managed switch, ensuring optimal network performance with 1000 Mbps (1 Gbps) throughput per port. Key features include VLAN support for network segmentation, QoS for traffic prioritization, and advanced security protocols to prevent unauthorized access. This enables efficient management of digital exhibits, ensuring reliable connectivity for multimedia content, interactive displays, and high-bandwidth applications in museum installations.		1	
64	Sound System Processor	A versatile, high-quality audio interface system featuring a broad range of sample rates from 44.1 kHz to 192 kHz. Equipped with multiple XLR/TRS combo style inputs with a wide range of preamp gains. The system should include TRS inputs with high-level handling capacity and multiple analog outputs (1/4" TRS line out) with adjustable levels. Additionally, it includes stereo headphone outputs. Digital I/O capabilities should encompass ADAT optical and SMUX optical at various sample rates. The total input/output capacity should cater to a range of professional audio needs, accommodating at least 24 inputs and 28 outputs at base sample rates, with scaling at higher sample rates. This system should be suitable for sophisticated audio setups in professional environments, offering high-quality sound capture and output.		1	
65	Speaker array with woofer	Supply, Installation, Testing, and Commissioning of a versatile audio system, ideal for professional settings. The system includes professional loudspeakers featuring drivers in the range of 15 inches and HF units around 1.4 inches, capable of covering a broad frequency range from 50 to 19000 Hz. With a power capacity in the range of 800 to 1600 W, and an impedance around 8 Ohms, these speakers provide extensive coverage, approximately 75° x 45°, and are suited for various environments, thanks to their IP 54 rating or similar for durability. Additionally, this package incorporates several powerful subwoofers, each with drivers around 18 inches, alongside multiple four-channel amplifiers – some offering standard output and others providing around 800 Watts per amplifier. This setup is engineered to deliver a high-fidelity audio experience, adaptable to various professional venues and events.		1 JOB	
66	Cables for Video Data transmission	Supply of high-quality twisted shielded cables for robust data transmission, designed to withstand harsh climatic conditions and resist electromagnetic interference. Cables must meet or exceed industry standards for durability, performance, and shielding effectiveness, suitable for environments with potential electromagnetic interference sources.		1	

SR. NO.	DESCRIPTION OF WORKS	Image	QTY	UNIT	Rates including all taxes except GST in (Rs.)
67	Projector control cable	Supply of high-quality twisted shielded cables for robust data transmission, designed to withstand harsh climatic conditions and resist electromagnetic interference. Cables must meet or exceed industry standards for durability, performance, and shielding effectiveness, suitable for environments with potential electromagnetic interference sources.		1	
68	Power cables for projectors	Supply, Installation, Testing, and Commissioning (SITC) of 3-core hard bound cables, designed for supreme durability against harsh climatic conditions and long-term reliability. These cables must be robust, with high-grade insulation and shielding to ensure performance stability over time and under various environmental challenges. 1		1	
69	Server Rack	Should be able to hold all the servers and amps inside and should have a lock for security		1	
70	Projector Housing	Supply, Installation, Testing, and Commissioning (SITC) of a robust projection housing system, engineered to protect projectors against seasonal changes, moisture, and splash (IP65 rating). The system is designed to offer optimal cooling to enhance projector longevity and maintain performance levels. This package is upgraded to include Remote Device Management (RDM) functionality, allowing for remote monitoring and management of projector settings and status. The comprehensive service ensures the procurement of high-quality, durable housing materials, professional installation tailored to specific environmental requirements, rigorous testing for resilience, and final commissioning for a secure, effective, and weather-resistant projection setup.		1	
71	Integration	Integration of the comprehensive museum installation project, encompassing Supply, Installation, Testing, and Commissioning (SITC) of all digital aspects including projection mapping systems, projectors, touch screens, speakers, lighting systems, DMX protocols and associated infrastructure. This includes precise coordination and programming of hardware and software components to create a unified and interactive visitor experience. The integration process covers the synchronization of audio-visual content, ensuring seamless operation across various displays and interaction points, and establishing a robust network for content management and device control. Special attention is given to the technical specifications such as IP addresses configuration, lens coverage optimization, shadow casting minimization, and selection of appropriate surface materials. Audience interaction mechanisms with the displays will be carefully implemented and tested. This line item ensures a holistic approach to the project, covering procurement of materials, labor for installation, and rigorous testing protocols to guarantee the system's functionality, performance, and durability.		1	
72	Programming	Technical programming for laser light and fountain systems. This encompasses precise synchronization of laser light displays with fountain dynamics, including the control of light intensity, color transitions, beam shapes, and patterns in laser systems, and water jet coordination, illumination, and timing in fountain systems. Programming will be executed based on technical parameters and operational specifications to ensure seamless integration and functionality of both systems. This service includes system calibration, programming of control sequences using relevant software (e.g., DMX, ILDA for lasers; specific fountain control software), and integration testing to verify performance under various operational scenarios.			
73	Content	Development of an extensive creative and technical content package for audio-visual installations. The service includes: Creative Concept Note: Development of a foundational concept note outlining the thematic and artistic direction. Narration & Dialogue Scripts: Crafting of engaging scripts for narration and dialogues, utilizing non-celebrity voice talent. Visual Storyboard: Creation of detailed storyboards to visualize scenes and sequences. Creative Visual Direction: Providing overarching visual direction to ensure artistic coherence. Design & Artwork: Production of a variety of design elements including photos, videos, and illustrations. Music Composition & Arrangement: Creating original music scores and arrangements, involving various musicians, instruments, singers, and chorus artists. Sound Effects & Mixing: Generating sound effects and professional mixing to enhance auditory experience. 2D & 3D Animations: Designing both 2D and 3D animations for projection and display. Motion Graphics & VFX: Creating motion graphics and visual effects for dynamic visual impact. Voice Over Recording Supervision: Overseeing voice-over recordings, ensuring quality and consistency in the chosen language with non-celebrity artists. Editing & Rendering: Comprehensive editing and rendering of content to fit media server formats. Shoot Direction & Management: Managing on-location and studio shoots, including green screen setups, with necessary equipment like cameras, lights, sound, and technical crew. Casting: Casting actors and performers, including the provision of costumes, props, and setting. Each aspect is tailored to meet the specific needs of the AV installation, ensuring a captivating and immersive audience experience.		1	
74	Pheripherals and other electrical DB boxes	Pheripherals and other electrical DB boxes, basic civil for speakers poles and wire laying		1	

या कामी अटी व शर्ती खालील प्रमाणे:-

१. संस्था नोंदणी प्रमाणपत्र.

२. पॅनकार्ड(संस्थेचे नावाने अथवा मालकाचे नावाचे)

३. नमुद केलेले दर हे सर्व प्रकारचे वाहतुक खर्च व इतर करांसहित (GST वगळून) समाविष्ट असावेत.

४. सदरची जाहिर सुचना फक्त दर खात्री करणे करीता मागविणेत येत आहे.

५. या कामी काही माहीती हवी असलेस उद्यान विभागाकडे संपर्क साधावा.

६. या कामी दराची खात्री झाल्यानंतर जाहिर ई — निविदा मागविणेत येईल

७. सदर दर स्वीकारण्याचे अथवा नाकारण्याचे अधिकार निविदा समितीला असतील.

sd/-

(डॉ. वैभव विधाते)

उप-आयुक्त (उद्यान)

पनवेल महानगरपालिका