



# पनवेल महानगरपालिका

ता.पनवेल, जि.रायगड

कार्यालय :- आयुक्त मुख्यालय, २ रा मजला, देवाळे तलावाच्या समोर, गोखले  
हॉलच्या शेजारी, पनवेल - ४१० २०६ दूरध्वनी क्र. 022-27458040/41/42  
Email Id : [panvelcorporation@gmail.com](mailto:panvelcorporation@gmail.com)

जा.क्र.पमपा/उद्यान/६५२४/प्र.क्र.५७/८५३/२०२४

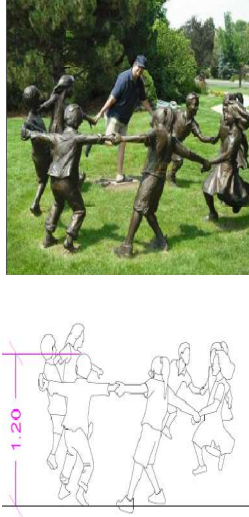
दिनांक :- ०८/१०/२०२४

## जाहिर सुचना

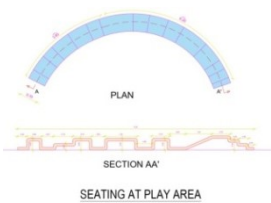
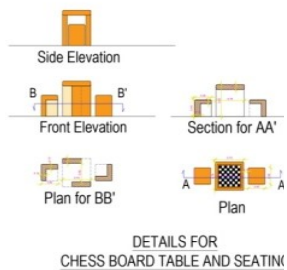

पनवेल महानगरपालिका हद्दीतील तळोजे सेक्टर १५ प्लॉट क्र.०६ येथे उद्यान विकसित करणे या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबींकरिता बाजारभाव दरपत्रके मागविण्यात येत आहे.

अ.क्र.	कामाचे नाव	मुदत
१	पनवेल महानगरपालिका हद्दीतील तळोजे सेक्टर १५ प्लॉट क्र.०६ येथे उद्यान विकसित करणे	दि.०९/१०/२०२४ ते दि.१४/१०/२०२४ रोजी दु.१२:०० वाजेपर्यंत (०७ दिवस)



## कामाचा तांत्रिक तपशील खालीलप्रमाणे आहे.

Sr no	Description	Refrance Image	Units	Qty.	Rate	Amount
1	SITC of Frp sculpture 7 figure of size 2.6m Dai 1.2m0 Height 3.5 ft , 4ft as per details provided made in FRP, metal armature and scrap tyres of various diameters. The 3D figures shall consist of a strong armature of M.S. solid bars of 6mm and 12mm dia with anti-rust/ anti-corrosive coating to form a strong reinforcement for the figure. The head, hands and legs of the mascot 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 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 surface is applied with		Nos	1		

	<p>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. The tyres of various diameters derived from scrap shall be used for the body of the mascot which will be cleaned and painted with 2K automotive high quality black color paint to enhance its appearance. The tyres shall be attached internally with M.S. rods to the armature and screwed to fix it firmly. The entire sculpture shall be fixed on the existing Concrete / RCC Pedestal 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> <p>Notes –</p> <ul style="list-style-type: none"> <li>• All M.S. elements like channels/ sections/rods to be of Tata/JSW or equivalent make.</li> <li>• ISO resin of Royal or equivalent make.</li> <li>• Duco paint of Esdee or equivalent make.</li> <li>• 2K paint of Nexa Autocolor or equivalent make</li> <li>• Clearcoat layer of Wanda or equivalent make</li> </ul>					
2	<p>BASE BRICK CLADDING providing and laying BASE BRICK CLADDING BRICK CLADDING : ACF701 Thickness : Cladding : (a) 15 mm ± 2 mm (± 5mm in heavy textures) (b) 20 mm ± 3 mm in heavy textures. Water Absorption : Less than 7% of dry weight by immersion over a period of 24 hours. Compressive Strength : 25mpa for external covering. Wet Transverse Strength : 4 N/ mm Abrasion Resistance : Less than 2.0 for E.H.D. Thermal Conductivity :1.63 W /MK at 3% moisture content 1.80 W/MK at 5% moisture content Typical Density: 1700 Kg. / M 3 ARTIFIX : AT100G</p>		Sqmt.	1		

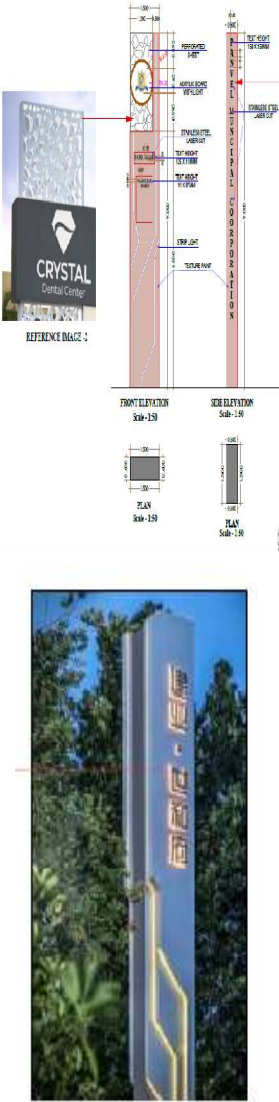
	Adhesive : Exterior Grade : AT100G ( Recommended ) ARTIFIX : GROUT G Interior & Exterior Grade : Grey( Recommended )				
3	Informal Play Element (Size 10m X 0.75m :All GFRP ( Glass Fiber Reinforced Polymer) *Made out of marin grade resin marin grade corrosion resistance and hydrocarbon resistance*Reinforced with 300 gsm and 450 gsm ,600 gsm emulsion chopped strand mat comprising Viscosity @ 25°C should be 300 to 400 cps with Acid Value of 25 mg KOH/g. *The Gfrp moulded components will have barcol hardness 35-42. *All inner fabrication work with 2-2.5 mm thick Yst-210 square pipe which will be hot dip galvnised 65 micron. *The material duly painted with uv stabilized alephatic polyurethen paint.(480 SQFT)		Nos	1	
4	CHESS BOARD (2 Nos Seating (L 0.45 x W 0.45X H 0.45) 1 nos Board Game Table Size(L 0.75 x W 0.75X H 0.85) : All GFRP ( Glass Fiber Reinforced Polymer) *Made out of marin grade resin marin grade corrosion resistance and hydrocarbon resistance. *Reinforced with 300 gsm and 450 gsm ,600 gsm emulsion chopped strand mat comprising Viscosity @ 25°C should be 300 to 400 cps with Acid Value of 25 mg KOH/g. *The Gfrp moulded components will have barcol hardness 35-42. *All inner fabrication work with 2-2.5 mm thick 30 X 30 mm Yst -210 square pipe which will be hot dip galvnised 65 micron.*The material duly painted with uv stabilized alephatic polyurethen paint.(60 SQFT)		Nos	1	
5	SUGAR 25-35W, Power Module LED, 3000K, IP 65 Sugar: Top box section is made of steel and Bottom frame is in Aluminium. Screen in clear tempered flat glass / Polycarbonate. Body finished with Pure Polyester powder coating in customised colour Metallaic Grey Colour. Precise structure and multi- protection silicon gasket ensures the ingress protection-IP 65. Height – 120mm, Width - 325mm, Length 325mm, Weight -5.5Kg., Power LED Module with Company/brand name printed on PCB with the metal core plate, in compliance with IEC 62031 (Supporting Test Report from UL/UL Authorised/Intertek Laboratory should be submitted). CRI >70. LED Chips of		Each	58	

	<p>CREE/NICHIA/OSRAM/LUMILEDS make shall be used- same should be supported by LED manufacturer's tech sheet . Electronic Power Supply for LED Module, which offers Protection against Short Circuit, Over- Voltage &amp; Over- Current, with in-built surge protection (an additional surge protection device of 10kV also provided in-built the fixture). protection screen in prismatic tempered glass with impact resistance IK 08 minimum.Optics with refractive lens in PC / PMMA. LED Lifetime &gt;1,00,000hours@Ts 85°C. LM80 report from LED Manufacturer should be submitted. Safety test report as per IEC 60598/IS 10322 from UL/UL</p> <p>Authorised/Intertek lab should be submitted. LM79 report also should be submitted fromUL/UL Authorised/Intertek Laboratory. Sample should be submitted for approval from concerned engineer-in charge.</p> <p>Approved Makes - NERI/ DW WINDSOR/GHM</p>					
6	<p>ARCHITECTURAL 3M POST TOP POLE 3M height post top Pole Made in steel pipe sections 76mm dia.. Entire pole shall be made to provide pleasing aesthetics as approved by Concerned Engineer in-charge. After Fabrication, Entire Pole should be hot dip galvanized(60 microns Minimum ) for the effective corrosion resistance. The pole should be provided with an inbuilt junction box with 1No. 32A Heavy Duty Stud type connector and 1No. 6A SP MCB, at the bottom - the inbuilt box should have a flush door of suitable size. The pole to be provided with suitable size base plate. This base plate along with foundation bolts of suitable size to be used for ensuring firm grouting into the specially designed RCC foundation. wind pressure calculation as per IS 875(part-3) &amp; structural calculation report as per EN40 should be submitted to verify the pole design. Pole &amp; Cast iron parts are painted in 3 layer coating in which 1st layer with etch primer, 2nd layer with epoxy primer &amp; 3rd final layer with PU paint - customised colour Metallic Grey.</p>		Each	58		
7	<p>BOLLARD DHALIA, LED, 10W-15W, 3000k, IP65, 1M Height</p> <p>The Bollard suitable for on ground installation,is made of 3mm thick(minimum) extruded aluminium pipe.</p>		Each	19		

	<p>Top cover with company name/logo engraved is made of die cast aluminium in single piece. It's screen made of PMMA in single piece. Pure polyester powder coating in customised colour Metallaic Grey.</p> <p>Silicon gasket ensures ingress protection- IP 65. Height –1000mm, Dia - 127mm</p> <p>LED Module on Printed Circuit Board with metal core plate. Colour Rendering Index: Ra &gt; 70. Electronic Power Supply for LED Module, which offers Protection against Short Circuit, Over- Voltage &amp; Over-Current. Estimated LED Lifetime L70 @50,000 hours minimum.Supporting LM80 report should be submitted. Sample should be submitted for approval from concerned engineer-in charge.</p>				
8	<p>NSL-3S-Spike Light, 4-6W, LED, 3000k, IP 65,</p> <p>Body in circular shaped made of Die-cast aluminium. Clear screen in tempered glass. Pure Polyester powder coating in RAL 9005 Matt. Dimension-100mm (Dia.) ,Weight-0.5kg.</p> <p>LED source is of high efficacy COB.</p> <p>Colour Rendering Index: Ra &gt; 80.</p> <p>Electronic Driver which offers Protection against Short Circuit, Over- Voltage &amp; Over- Current. Estimated Lifetime-L70 @ 50,000 hours minimum. LM80 report from LED Manufacturer should be submitted. Sample should be submitted for approval from from Architect/ engineer-in-charge.</p>		Each	103	
9	<p>NERI - NCL-90R-Ceiling Light, 8-12W, LED, 3000k, IP 65</p> <p>Body in cylindrical shape made of aluminium &amp; Protection screen in clear tempered glass with high impact resistance.</p> <p>Body is finished with Pure Polyester powder coating in Black. Precise structure and multi-protection silicon gasket ensures ingress protection- IP 65. Dimension-90mm (Dia.) x 100mm(H), Weight-0.7kg</p> <p>LED source is of high efficacy COB.</p> <p>Colour Rendering Index: Ra &gt; 80.</p> <p>Electronic Driver which offers Protection against Short Circuit, Over- Voltage &amp; Over- Current. Estimated Lifetime-L70 @ 50,000 hours minimum. LM80 report from LED Manufacturer should be submitted. BIS Certificate with manufacturer name same as brand proposed should be submitted. Sample should be submitted for approval from concerned engineer-in charge.</p>		Each	15	

	Technical Specifications for CCTV NON CSR Items					
	Tender Spec.					
10	<p>Supplying &amp; erecting of <b>High definition 2 Megapixel IP IR Bullet Camera</b> with following features :</p> <p>Image Sensor : minimum 1/2.8" Progressive Scan CMOS,</p> <p>Video Resolution : minimum 1920 x 1080</p> <p>Video Compression : H.264, H.265 or higher, at least Three individually configurable stream,</p> <p>Frame rate : <b>minimum 25 fps at all resolutions,</b></p> <p>WDR : minimum <b>120 dB Wide Dynamic Range,</b></p> <p>ONVIF profile conformant,</p> <p>minimum IR distance : <b>30m,</b></p> <p>Lens Type : <b>2.8/4/6 mm Lens, fixed focal,</b></p> <p>Field of View :</p> <p>2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129°</p> <p>4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°</p> <p>6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°</p> <p>Lux sensitivity - minimum 0.2 Lux at color, minimum 0.05 Lux at Black &amp; White, 0.0 Lux (IR) Night Vision Distance minimum IR - 30m.</p> <p>Camera minimum Adjustment Angles - Pan : 350°, Tilt : 72°, Rotate : 350°.</p> <p>Power Supply : Support 12VDC &amp; PoE, IP67, IK10 - Vandal Resistant.</p> <p>Built in micro SD/SDHC/SDXC card slot of minimum 128 GB,</p> <p>Built in microphone.</p> <p>minimum Input/Output - Audio in × 1, Audio Out × 1, Alarm in × 1, Alarm Out × 1.</p> <p>Image Settings : Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance.</p> <p>Image Enhancements : Day/Night-Auto (ICR)/Color/Black &amp; White, 3D Digital Noise Reduction, Automatic White Balance, Automatic Gain Control, Backlight Compensation, Highlight Compensation.</p>		Each	28		
11	<p>Supplying, installing, testing &amp; commissioning of <b>32/40 Ch. Network Video Recorder (NVR), suitable connect Min. 32 IP Cameras, up to 5 Megapixel Resolution,</b> with HDMI/VGA outputs,</p>		Each	1		

	<p>provided HDMI output of 4K resolution or VGA output with output up to 1920 × 1080. Support H.265 or higher, H.264, MJPEG, Incoming Bandwidth <b>250Mbps</b> with minimum 4 SATA Hard Disks, ANR Technology,  <b>4 SATA interfaces for 4 HDDs and capacity of each HDD up to 8TB,</b>  minimum 02 USB port, Alarm I/O 16/4, RJ-45 10/100/ 1000 Mbps self-adaptive Ethernet interface,  ONVIF conformance,  Multiple network monitoring: Web viewer . support protocol TCP/IP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS.  RoHS, UL, CE, FCC certified.  duly erected in provided U Rack with wiring connections, tagging and programming etc. complete as per specification no. <b>CCTV-NVR</b></p>					
12	<p>Supplying &amp; erecting <b>8 TB internal Surveillance HDD</b> suitable for SATA Port of NVR, interface transfer rate 6 GB/S, maximum sustained transfer rate 210 MB/Sec to 213 MB/S. Drive bay supported 08+, Cameras supported up to 64, Cache (MB) 256, Load/Unload Cycle -3000000, Work Load Rating per Year 180TB, MTBF 1000000 Hrs. HTTPS. RoHS, UL, CE certified, duly erected in position in provided NVR as per specification no. <b>CCTV-HDD</b></p>		Nos.	3		
13	<p>Supplying &amp; erecting <b>43" professional LED display with 1920*1080 (Full HD) Display, suitable for 16/32 channel NVR</b> and following features  Brightness: minimum 500 Cd/m2  Contrast Ratio: minimum 1000:1  Viewing angle: 178/178 deg.  Response time: maximum 8 ms  Inputs: HDMI, VGA, BNC,USB, Audio In, Built-in speakers maximum 10 W,  Suitable to operate on 100-240 V 50 Hz AC supply and 24/7 Duty Cycle duly erected on wall or table top with standard accessories like wall mount stand and wiring connections etc. complete as per specifications no. <b>CCTV-MON</b></p>		Each	2		
14	<p>S&amp;E Polycarbonate Junction Box, IP66, IP67, 93 x 93 x 62mm,including terminal,Glands- KF0200H HENSEL OR EQUIVALENT as directed by Engineer</p>		Each	103		

	incharge						
	<b>Entrance Column Signage</b>						
	<b>Entrance Signage Pole 9.0 Mtr Height x 1.5 Mtr Wide x 0.6 Mtr depth. ACP cladding, Both sides Signage &amp; LED Profile/Strip Light Jali Design, SS Self Glow Letters</b>	 <p>REFERENCE IMAGE -1</p>					
	Providing, Fabrication & fixing <b>MS Framework</b> of Signage Pole. 10mm Thk MS Base plate fixed with 16mm Foundation bolts for fixing MS Structure, Frame work made-up of MS Pipe 50mmX 25mm x 16 gauge/ Angle 50x5Thk /35x5th etc. Work including lifting & shifting, transportation, tools & tackles, material, labour etc. complete etc. MS Steel make <b>Tata / Jindal / Sail / Apollo</b> . Painting Primer Red-oxide.		Kg	225			
15	Providing and Fixing of White/ Approved Color <b>4mm Thk ACP Sheet</b> (ACP with 0.25mm Thk Aluminium coil) ACP sheets with all the fittings framework Aluminium tube frame. ACP joints filling with Silicon weather sealant. Work including material, labour, all consumables, lifting, shifting etc. complete. ACP make Eurobond / Aludecor / Alucobond)		Sft	550			
	Providing and Fixing 4mm Thk <b>ACP</b> , Router cutting with 040 Acrylic cut Letter Pasting, with LED		No	2			
	SS 304 Steel Letters with 8mm Clear Acrylic Base,		Sq-Inch	1800			
	Supply,installation, testing & commissioning of <b>LED lights/Strip 1.2W</b> , make Osram/Sumsung. LED lights have <b>2 years warranty</b>		No	680			
	Supply,installation, testing & commissioning of LED driver meanwell. LED driver have <b>2 years warranty</b>		No	8			
	Acrylic Box with PMC Logo Vinyl Printing		No	2			
	Profile Lights Outdoor white/ Worm White		R-Ft	55			
	Electrical work with supply and installation of cable / wire, polycab make & PVC conduit pipe.		L-S	L-S			



- १) दरपत्रके दि.१४/१०/२०२४ रोजी दु.१२:०० वाजेपर्यंत पनवेल महानगरपालिकेच्या घनकचरा व्यवस्थापन विभागात अथवा [panvelcorporation.swm@gmail.com](mailto:panvelcorporation.swm@gmail.com) वर स्विकारण्यात येतील.
- २) अटी व शर्ती युक्त दरपत्रकांचा विचार केला जाणार नाही.

सही/-  
उप आयुक्त  
पनवेल महानगरपालिका