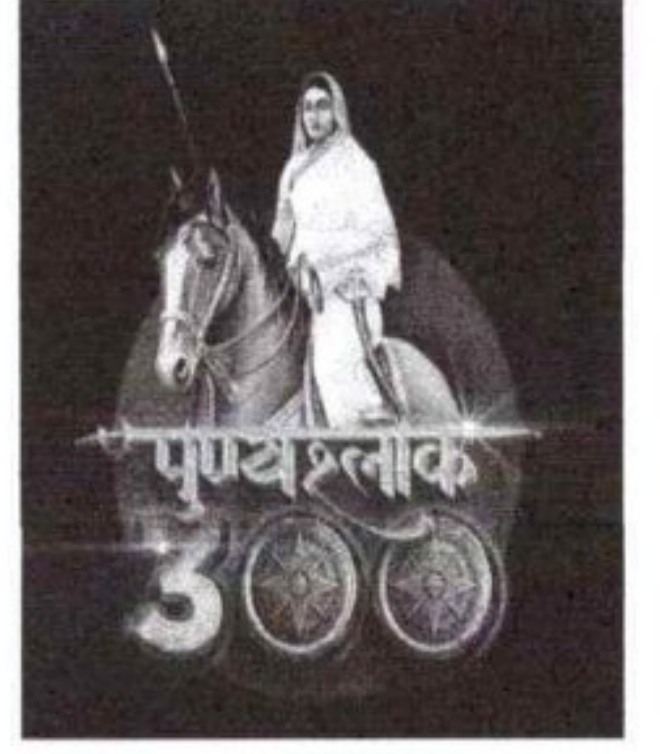




पनवेल महानगरपालिका ता. पनवेल जि.रायगड

कार्यालय- आयुक्त मुख्यालय, २ रा मजला, देवाळे
तलावाच्या समोरच, गोखले हॉलच्या शेजारी, पनवेल-
४१०२०६ दुरध्वनी क्र- ०२२-७४५८०४०/४१/४२
Email Id: panvelcorporation@gmail.com



जा.क्र. पमपा /विद्युत/१९२६/प्र.क्र. ९५/११८७/२०२६

दिनांक- ०९/१०/२०२६

जाहिर निविदा दरपत्रक सुचना

मा. आयुक्त, पनवेल महानगरपालिका खालील नमूद कामाचे अंदाजपत्रक बनविण्याकरीता खालील बाबींचे दर मागविण्यात येत आहे.

अ.क्र.	कामाचे नाव	कालावधी
१.	पनवेल महानगरपालिका क्षेत्रातील प्रभाग क्र. १ येथील पिसावें तलाव सुशोभीकरणासाठी विद्युत रोषणाई व विद्युत विषयक कामे करणे.	दिनांक- १०/१०/२०२६ ते दिनांक- १६/१०/२०२६ (७ दिवस)

तपशिल

अ.क्र.	तपशिल	परिमाण	युनिट
१.	SITC of high quality long through multi colour with RGBW 4in1 LED, DMX-RDM based wash light, Protection Rating:IP66, complying to BIS standard "IS 10322 (Part 5/Sec 1): 2012" and having CE certification against standard "Low Voltage Directive & Protective Equipment - EN 60598 (Part 2/Sec 1):2020", and "Electromagnetic Compatibility Directive - EN 61547:2020", Mounting Structure: Adjustable surface mount yoke arrangements for fixing the lights having the rotation degrees embossed in the die cast. Power consumption: 100W, CCT: RGBW (3000K/6500K) (as per the design approval), Luminous efficacy >45lm/W, Optics: PMMA/PC Lens with separate holder, Beam Angle: 25°/45°/60°/ Asymmetrical deg as per the design approval, A soft copy of the IES file, catalogues, polar diagrams, cone diagrams shall be submitted along with the bid, Colour Rendering Index (CRI)>80 for white LED, Body: Die casted/ extruded aluminium with	1	Each

	embossed manufacturer logo, Separate compartment for keeping the decoder/driver in the housing which can be easily removable for service without disturbing the LEDs/Optics, Hot spot and light distribution: Optics Designed to minimize hot spots & fringing in colour mixing applications. Luminaire shall be capable of producing dynamic colour-changing light with 16 million colours and it shall support control via DMX, Ethernet, and Remote Device Management (RDM) for enhanced configuration and management. The luminaire should offer channel options of 8/ 4 channels by using a Programming kit, with these channels providing control for effects and colour transitions like 4 colour 4 channels, Master, Jump, strobe, Macro function and speed in the rest 4 channels as per the requirement. Additionally, it shall feature auto colour synchronization functionality, allowing seamless operation if there is a loss of DMX signal/ with loop in loop out. Power Input: DC 24V External Group Driver Class III having the efficiency >90, THD <10%, Surge Protection: Inbuilt surge protection in the driver 2KV-4KV (Additional if required will be added as per the requirement), Toughened transparent glass having the IK protection: IK08 or higher, Painting: Chemical 3/7 tank processed treatment before the powder coat black/Grey/approved colour coat. Fixture will be suitable to operate in a temperature range of -10°C to +60°C, the light fixtures are having IP68 air vent made of stainless steel which helps to desiccate & prevent from forming moisture inside the light fixture at worst environmental condition. Luminaire is inclusive of Integral male/female waterproof connectors with structures in pre wired conditions as per IS standard. PCB thickness must be 1.6mm, 35-micron Copper, 2W TC with Black or White masking, Copper /OSP finish. OEM must have in-house NABL-approved testing facilities for LED fixtures. LM79, IK08, IP66, Electrical, Endurance and Thermal, Surge Certificates must be submitted from the In-house NABL testing facility. LED Makes should be CREE, LumiLED, Osram, Seoul, Nichia or equivalent with LM80 report from as international testing Laboratory having the L70B50, 50000Hrs at 25 Deg C or better. Power & DMX Loop In/Out along with IP67 connector having the length >300mm. Certifications:		
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	CE, RoHS, BIS with valid R number must be submitted along with the bid.		
2.	SITC of high quality Multi Color Neon Flexible light, Protection Rating : IP65, Mounting Structure : Adjustable wall mount aluminium profile for fixing the lights. Power consumption : 12W, CCT : RGB/RGBW, (as per the design approval) Beam Angle : 120°, Control : DmX512 Channel : 4 CH, Power Input : DC 24V with external driver, Surge Protection : Inbuilt surge protection 2KV-4KV(Additional if required will be added as per the requirement), Fixture will be suitable to operate in a temperature range of 0°C to 50°C , LED life time should be at least 50,000 burning hours at L70 at 25 degree centigrade. Luminaire is inclusive of Integral male/female waterproof connectors with structures in pre wired conditions as per IS standard. LED Makes should be CREE, Lumiled, Osram, Seoul, Epistar, Nichia or equivalent with the engineer or 3rd party testing laboratory approval.	1	Rmt
3.	SITC of Aluminium Profile for Neon flex	1	Rmt
4.	SITC of 10W Bollard, Power Input: AC 85-265V, Size:Dia145xH600mm, CCT: 3000K/4000K/6000K Ingress Protection: IP65, Housing material: Aluminum, IK Rating: IK07, Surge protection: 4KV	1	Each
5.	SITC of DC power driver for the above Lights, Power : 200W, Input : AC 110-240V AC, 50Hz, Output : DC 12/24V, Protection rating, IP67, Surge protection : LL 4KV, LE 6KV	1	Each
6.	SITC of high quality DMX decoder, Power Input : DC 24V, Input Signal: DMX512, Addressing: You can manually set DMX addresses using DIP switches or digital displays, Smooth Dimming: Enables 0-100% dimming and dynamic effects like fading or color chasing. IP Rating: IP20.	1	Each
7.	SITC of PVC insulated multi core electrical un armored flexible 5C x 0.5Sq mm power cable having less electrical losses.	1	Rmt
8.	SITC of PVC insulated multi core electrical un armored flexible 3C x 1.5Sq mm power cable having less electrical losses. This PVC insulated and round sheathed wire features a bright multi strands copper conductors and it supports voltage grade up to 1100V	1	Rmt
9.	SITC of PVC insulated multi core electrical un armored flexible 3C x 2.5Sq mm power cable having less electrical losses. This PVC insulated and round sheathed wire features a bright multi strands copper conductors and it supports voltage grade up to	1	Rmt

	1100V.		
10.	SITC of PVC insulated multi core electrical armored flexible 4C x 4Sq mm power cable having less electrical losses. This PVC insulated and round sheathed wire features a bright multi strands aluminium conductors and it supports voltage grade up to 1100V.	1	Rmt
11.	SITC of PVC insulated multi core electrical armored flexible 4C x 25Sq mm power cable having less electrical losses. This PVC insulated and round sheathed wire features a bright multi strands aluminium conductors and it supports voltage grade up to 1100V.	1	Rmt
12.	SITC of 5 core DMX cable comprises twisted pairs with shield support for carrying of data. DMX512 cable is used for connecting all light consoles that use DMX 512 standard data transmission.	1	Rmt
13.	SITC of 5 pin XLR Male connectors having 5 pole cable connector, Male/Female connector with improved latch, cage type contacts, "solder stop" for easy soldering, and additional ground contact for best contact integrity between chassis and cable connector. More durable housing for maximum reliability.	1	Each
14.	SITC of 5 pin XLR Female connectors having 5 pole cable connector, Male/Female connector with improved latch, cage type contacts, "solder stop" for easy soldering, and additional ground contact for best contact integrity between chassis and cable connector. More durable housing for maximum reliability.	1	Each
15.	SITC of Power Distribution Board made up of MS Sheet metal fabricated housing black powder coated and ivory connectors for the internal terminations and external outgoing connecting points, fibre / brass glands of suitable size fitted MCB control for outgoing circuits. Timer with required contactor for auto switching. Power panel suitable for indoor/outdoor applicable and floor mount / wall mount options. - 22 Nos of 6/10A SP Outgoing MCBs. - 1No of 63A TPN Incoming MCB.	1	Each
16.	SITC of Power Distribution Board made up of MS Sheet metal fabricated housing black powder coated and ivory connectors for the internal terminations and external outgoing connecting points, fibre / brass glands of suitable size fitted MCB control for outgoing circuits. Timer with required contactor for auto switching. Power panel suitable for indoor/outdoor applicable and floor mount / wall mount options. - 9 Nos of 6/10A SP Outgoing MCBs. - 1No of 16A TPN Incoming MCB.	1	Each

17.	SITC of IP driver box made up of PVC / UPVC for the internal terminations and external outgoing connecting points, with required PVC / brass glands, Optional suitable size MCB fitted for control outgoing circuits.	1	Each
18.	SITC of DMX isolator or splitter provides Isolated optical DMX splitter provides 8 outputs from a 1 input and Input voltage: AC 110 to 220 V, 50 Hz, Product features: Group 1 & group 8 DMX signal change.	1	Each
19.	SITC of DMX signal amplifier for improving/amplifying the input signals through longer distances. Signal regeneration: Boosts weakened DMX signals after long-distance transmission. Input Volatage: 12V/24V, IP Ratating: IP20.	1	Each
20.	SITC of Din Rail Mount DMX controller can be used to control a wide variety of different DMX systems- from RGB/RGBW to more advanced moving and color mixing luminaires, DMX audio players and fountains. The controller comes with a variety of features, iPhone/iPad/Android remote control, Wi-Fi facilities, dry contact port triggering and flash memory. USB connection • 2048 DmX channels universe in live mode (computer) • 8 dry contact trigger ports via HE10 connector • stand alone mode with 5 area and 90+ scenes, Mac OSx 10.6/10.7/10.8 - Windows XP/VISTA/SEVEN/8 32/64 bits and USB 2.0, XLR3, mini USB, 1 HE10, Power From 5V to 5.5V DC (AC/DC adapter in option.	1	Each
21.	Programming charges as per site conditions or client's approval (18 scenes).	1	Job
22.	SITC of additional accessories for installing the lights as per the final drawing/site condition consisting of clamps, brackets, angles, conduits, joints, hardware's like fasteners, nut & bolts etc.,	1	Lot

अटी व शर्ती :-

- सीलबंद दरपत्रके दिनांक- १०/१०/२०२६ ते दि. १६/१०/२०२६ रोजीपर्यंत दुपारी ३.०० वाजेपर्यंत पनवेल महानगरपालिकेच्या विद्युत विभागात किंवा pmcelectrical123@gmail.com या ई-मेलवर स्वीकारण्यात येतील.
- सदरचे दरपत्रक हे अंदाजपत्रक बनविण्यासाठी असून सदर कामांवर Manufacturer/Dealer/Contractor चा दावा (Claim) असणार नाही.
- Manufacturer/Dealer/Contractor ने दिलेले दरपत्रक स्विकारणाचे सर्व अधिकार पनवेल महानगरपालिकेकडे असतील याची नोंद घ्यावी.


किरण जाधव
 विद्युत विभाग प्रमुख
 पनवेल महानगरपालिका

प्रत माहितीस्तव :-

- माहिती फलककरीता