



# पनवेल महानगरपालिका

## ता. पनवेल जि.रायगड

कार्यालय- आयुक्त मुख्यालय, २ रा मजला, देवाळे तलावाच्या  
समोर, गोखले हॉलच्या शेजारी, पनवेल- ४१०२०६  
दुरध्वनी क्र- ०२२-२७४५८०४०/४१/४२  
Email Id: panvelcorporation@gmail.com



जा.क्र. पमपा /विद्युत/३८२३/प्र.क्र.०२/ ३९४ /२०२५

दिनांक-२८/०४/२०२५

### 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 विविध ठिकाणच्या उद्यानामध्ये सोलार डेकोरेटीव्ह पथदिप खांब उभारून कार्यान्वित करणे.	दिनांक-२८/०४/२०२५ ते दिनांक-०४/०५/२०२५ (७ दिवस)

### Specifications

Sr. No	ITEM	ITEM Descriptions	QUNATITY	UNIT
1.	Solar Decorative pole with fittings (Post top)	Die Cast Al Post top 4000MM, Pole dimension-150 X 150 MM, Base Plate-250 X 250 X 12 MM Powder Coated Aluminums Metal, as per IS, Aluminum housing luminaire shall have highly efficient with lumen output of Minimum ~ 2500 Lumens total after all losses at System level, and a typical correlated color temperature of 4000K with CRI>70 and lenses with efficient optics designed for efficient light distribution.Humidity range 0 To 95%, Temperature range 0' C to 60' C with IP protection of IP-65 & The Lumens Output of the Fitting shall be of Minimum 2500 Lumens & Efficacy ~100 lumen per W & wattage should not be more than 40W with LM79 Report from Any NABL Accredited Lab. The Efficacy of Luminaire shall be of Minimum 100 Lumens / Watts at System level after all losses in Order to optimize required PV / Battery Sizing to be design as per 2 nights autonomy along Lithium Ferrous Phosphate12.8V, 60 Ah,Sensor - Automatic on-off dust to down, MPPT Charge Controller 92% Efficiency,Solar Panel Mono Crystalline 200Wp, The Successful bidder shall submit LM 79 & LM 80 of the Fitting and LED. approved by Department In charge during Technical evaluation.	1	Nos.
2.	Solar Decorative pole with fittings (Post top)	Die Cast Al Post top 4m pole bottom dia 139.7 & Top dia 88.9, FDN bolt size M16 x 450 With luminaire shall have highly efficient mid power white dimmable 64 LEDs with lumen output of Minimum 3700 Lumens total after all losses at System level, and a typical correlated color temperature of 3000/4000/5700K with CRI>70 and lenses with efficient Bat Wing optics designed for efficient light distribution. The Lumens Output of the Fitting shall be of Minimum 3700 Lumens & wattage should not be more than 20W with PDC Housing with LM79 Report from Any NABL Accredited Lab. The	1	Nos.

		Efficacy of Luminaire shall be of Minimum 190 Lumens / Watts at System level after all losses in Order to optimize required PV / Battery Sizing to be design as per 2 nights autonomy along with suitable Dimming profile as approved by department incharge. External charging port should be provided ensuring easy battery charging for long transpiration / storage. Battery with 2000 Cycles life for ensuring long system life. Life of Product will be 50000 Burning hours life class. Intelligent smart power mode to maximize autonomy. Product Dimensions should be 570*370*180mm & net weight should be 5.4 kg for ease of installation on new Or existing pole structure. Housing color should be Black(RAL9005), Silver(RAL9006). IP65 and IK08 for weather resistant and vandal proof installation. The Successful bidder shall submit LM 79 & LM 80 of the Fitting and LED. Detailed Technical Specs Reports along with IEC,BIS,EN Standards to be submitted as mention in Annexure ( I ) along with 2 Physical AIO Sample as per Specs to be Submitted for Technical Evaluation & Demonstration purpose for meeting Tender Specs & to be approved by Department In charge during Technical evaluation.		
3.	<b>Solar Decorative pole with fittings (Post top)</b>	Die Cast Al Post top 5000MM, Pole dimension-150 X 150 MM, Base Plate-250 X 250 X 12 MM Powder Coated Aluminums Metal, as per IS, Aluminum housing luminaire shall have highly efficient with lumen output of Minimum ~ 4800 Lumens total after all losses at System level, and a typical correlated color temperature of 4000K with CRI>70 and lenses with efficient optics designed for efficient light distribution. Humidity range 0 To 95%, Temperature range 0° C to 60° C, with IP protection of IP-65& The Lumens Output of the Fitting shall be of Minimum 4800 Lumens & Efficacy ~120 lumen per W & wattage should not be more than 40W with LM80 Report from Any NABL Accredited Lab. The Efficacy of Luminaire shall be of Minimum 120 Lumens / Watts at System level after all losses in Order to optimize required PV / Battery Sizing to be design as per 2 nights autonomy along Lithium Ferrous Phosphate 12.8V ,78 Ah, Sensor - Automatic on-off dust to down, MPPT Charge Controller 92% Efficiency, Solar Panel Mono Crystalline 300Wp, The Successful bidder shall submit LM 79 & LM 80 of the Fitting and LED. approved by Department In charge during technical evaluation.	1	Nos.
4.	<b>Solar Decorative pole with fittings (Post top)</b>	Die Cast Al Post top 5m pole bottom dia 139.7 & Top dia 88.9, FDN bolt size M16 x 450 With luminaire shall have highly efficient mid power white dimmable 64 LEDs with lumen output of Minimum 5400 Lumens total after all losses at System level, and a typical correlated color temperature of 3000/4000/5700K with CRI>70 and lenses with efficient Bat Wing optics designed for efficient light distribution. The Lumens Output of the Fitting shall be of Minimum 5400 Lumens & wattage should not be more than 30W with PDC Housing with LM79 Report from Any NABL Accredited Lab. The Efficacy of Luminaire shall be of Minimum 190 Lumens / Watts at System level after all losses in Order to optimize required PV / Battery Sizing to be design as per 2 nights autonomy along with suitable Dimming profile as approved by department in charge. External charging port should be provided ensuring easy battery charging for long transpiration / storage. Battery with 2000 Cycles life for ensuring long system life. Life of Product will be 50000 Burning hours life class. Intelligent smart power mode to maximize autonomy. Product Dimensions should be 570*370*180mm & net weight should be 5.4 kg for ease of installation on new Or existing pole structure. Housing color should be Black (RAL9005), Silver(RAL9006). IP65 and IK08 for weather resistant and vandal proof installation. The Successful bidder shall submit LM 79 & LM 80 of the Fitting and LED. Detailed Technical Specs Reports along with IEC,BIS,EN Standards to be submitted as mention in Annexure ( I ) along with 2 Physical AIO Sample as per Specs to be Submitted for Technical Evaluation & Demonstration purpose for meeting Tender Specs & to be approved by Department In charge during Technical evaluation.	1	Nos.

**अटी व शर्ती :-**

१. सीलबंद दरपत्रके दिनांक २८/०४/२०२५ ते दि. २४/०५/२०२५ रोजीपर्यंत दुपारी ३.०० वाजेपर्यंत पनवेल महानगरपालिकेच्या विद्युत विभागात किंवा [pmcelectrical123@gmail.com](mailto:pmcelectrical123@gmail.com) या ई-मेलवर स्वीकारण्यात येतील.
२. सदरचे दरपत्रक हे अंदाजपत्रक बनविण्यासाठी असून सदर कामांवर Manufacturer/Dealer/Contractor चा दावा (Claim) असणार नाही.
३. Manufacturer/Dealer/Contractor ने दिलेले दरपत्रक स्विकारणाचे सर्व अधिकार पनवेल महानगरपालिकेकडे असतील याची नोंद घ्यावी.

Signed by

Sanjay Baraka Katekar

Date: २५/०४/२०२५ १६:५८:४०

पनवेल महानगरपालिका

**प्रत माहितीस्तव :-**

माहिती फलककरीता

10

