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/९९२६/प्र.क्र.१०१/३२४७**/२०२६** **दिनांक-२३/१०/२०२६**

जाहिर निविदा दरपत्रक सुचना

मा. आयुक्त, पनवेल महानगरपालिका यांच्या निर्देशानुसार, पनवेल महानगरपालिका हद्दीतील महत्त्वाच्या शासकीय व सार्वजनिक इमारतींमधील विद्युत यंत्रणांच्या सुरक्षिततेसाठी "फायर एक्स्टिंग्विशिंग नॅनो स्टिकर्स" (Fire Extinguishing Nano Stickers) **बसविण्याचे प्रस्तावित आहे. सदर कामाचे अंदाजपत्रक** (Estimate) **बनविण्याकरीता मान्यताप्राप्त उत्पादक** (Manufacturers), **अधिकृत वितरक** (Dealers) **आणि अनुभवी कंत्राटदारांकडून खालील बाबींचे चालू बाजार दर मागविण्यात येत आहेत.**

अ.क्र.	कामाचे नाव	कालावधी
१.	पनवेल महानगरपालिका हद्दीतील शासकीय इमारती, स्ट्रीट लाईट कंट्रोल पॅनल, जनरेटर एएमएफ (**AMF**) पॅनल, एसी (**AC**) आणि इतर इलेक्ट्रिकल पॅनेल्समध्ये शॉर्ट सर्किटमुळे लागणाऱ्या आगीवर प्रतिबंधात्मक उपाय म्हणून 'फायर एक्स्टिंग्विशिंग नॅनो स्टिकर' (**Fire Extinguishing Nano Sticker**) बसविण्याबाबत.	दिनांक-२४/१०/२०२६ ते दिनांक-३०/१०/२०२६ **(७ दिवस)**

Specifications

Sr. No	ITEM	ITEM Descriptions	QUNATITY	UNIT
1.	**Fire Extinguishing Nano Sticker**	**Supply and Installation of Fire Extinguishing Nano Sticker (20-Liter Equipment Protection Capacity)** 1. Technical Specifications • **Technology:** Micro-encapsulation Technology. • **Extinguishing Agent:** Perfluoro-2-methyl-3-pentanone (Clean Agent). • **Protected Volume Capacity:** Enclosure protection up to 20 Liters (20L). • **Activation Temperature:** The automatic thermal rupture/activation temperature of the micro-capsules must mandatorily be **120°C (±5°C)**. • **Dimensions:** (100mm*40 mm*1 mm) (Length × Width × Thickness). • **Thickness Tolerance:** Overall sticker thickness must range between **1 mm to 2 mm**.	1	Nos.

		• **Fire Rating:** Effective against Class A, B, C, and E fires (highly optimized for Electrical Fire mitigation). • **Operating Temperature Range:** Thermally stable and operational within the range of **-40°C to +65°C**. • **Operating Humidity:** Optimized for high efficiency in environments with relative humidity levels **below 80%**. • **Product Lifespan:** Minimum operational lifespan of **5 years** featuring **Zero Maintenance** (No maintenance required). • **Colour:** Deep Red. 2. Chemical Composition & Safety (As per MSDS) The product supplied by the vendor must strictly comply with the following safety, toxicity, and chemical composition criteria: • **Active Ingredient (Main Component):** Perfluoro-2-methyl-3-pentanone (Minimum **60%** concentration). • **Structural Composition (Other Components):** Advanced polymer and epoxy-based binders synthesized with specific fatty acid mixtures to ensure product flexibility and adhesion durability. • **Toxicity Profile:** The product must be certified completely **non-toxic** and **non-irritant** to the skin, eyes, and respiratory tract. • **Environmental Safety:** Eco-friendly formulation with **Zero Ozone Depletion Potential (ODP)**, ensuring no adverse impact on the ozone layer. • **Electrical Equipment Safety:** Dielectric and non-conductive; it must cause **zero damage, residue, or short circuits** to sensitive electrical components during or after the activation/extinguishing process.		
2	**Fire Extinguishing Nano Sticker**	**Supply and Installation of Fire Extinguishing Nano Sticker (30-Liter Equipment Protection Capacity)** 1. Technical Specifications • **Technology:** Micro-encapsulation Technology. • **Extinguishing Agent:** Perfluoro-2-methyl-3-pentanone (Clean Agent). • **Protected Volume Capacity:** Enclosure protection up to 30 Liters (30L). • **Activation Temperature:** The automatic thermal rupture/activation temperature of the micro-capsules must mandatorily be **120°C (±5°C)**. • **Dimensions:** (100mm*100mm*1 mm) (Length × Width × Thickness). • **Thickness Tolerance:** Overall sticker thickness must range between **1 mm to 2 mm**. • **Fire Rating:** Effective against Class A, B, C, and E fires (highly optimized for Electrical Fire mitigation). • **Operating Temperature Range:** Thermally stable and operational within the range of **-40°C to +65°C**.	**1**	**Nos.**

		• **Operating Humidity:** Optimized for high efficiency in environments with relative humidity levels **below 80%**. • **Product Lifespan:** Minimum operational lifespan of **5 years** featuring **Zero Maintenance** (No maintenance required). • **Colour:** Deep Red. 2. Chemical Composition & Safety (As per MSDS) The product supplied by the vendor must strictly comply with the following safety, toxicity, and chemical composition criteria: • **Active Ingredient (Main Component):** Perfluoro-2-methyl-3-pentanone (Minimum **60%** concentration). • **Structural Composition (Other Components):** Advanced polymer and epoxy-based binders synthesized with specific fatty acid mixtures to ensure product flexibility and adhesion durability. • **Toxicity Profile:** The product must be certified completely **non-toxic** and **non-irritant** to the skin, eyes, and respiratory tract. • **Environmental Safety:** Eco-friendly formulation with **Zero Ozone Depletion Potential (ODP)**, ensuring no adverse impact on the ozone layer. • **Electrical Equipment Safety:** Dielectric and non-conductive; it must cause **zero damage, residue, or short circuits** to sensitive electrical components during or after the activation/extinguishing process.		
3	**Fire Extinguishing Nano Sticker**	**Supply and Installation of Fire Extinguishing Nano Sticker (50-Liter Equipment Protection Capacity)** 1. Technical Specifications • **Technology:** Micro-encapsulation Technology. • **Extinguishing Agent:** Perfluoro-2-methyl-3-pentanone (Clean Agent). • **Protected Volume Capacity:** Enclosure protection up to 50 Liters (50L). • **Activation Temperature:** The automatic thermal rupture/activation temperature of the micro-capsules must mandatorily be **120°C (±5°C)**. • **Dimensions:** (150mm*100 mm*1 mm) (Length × Width × Thickness). • **Thickness Tolerance:** Overall sticker thickness must range between **1 mm to 2 mm**. • **Fire Rating:** Effective against Class A, B, C, and E fires (highly optimized for Electrical Fire mitigation). • **Operating Temperature Range:** Thermally stable and operational within the range of **-40°C to +65°C**. • **Operating Humidity:** Optimized for high efficiency in environments with relative humidity levels **below 80%**. • **Product Lifespan:** Minimum operational lifespan of **5 years** featuring **Zero Maintenance** (No maintenance required).	**1**	**Nos.**

		• **Colour:** Deep Red. 2. Chemical Composition & Safety (As per MSDS) The product supplied by the vendor must strictly comply with the following safety, toxicity, and chemical composition criteria: • **Active Ingredient (Main Component):** Perfluoro-2-methyl-3-pentanone (Minimum **60%** concentration). • **Structural Composition (Other Components):** Advanced polymer and epoxy-based binders synthesized with specific fatty acid mixtures to ensure product flexibility and adhesion durability. • **Toxicity Profile:** The product must be certified completely **non-toxic** and **non-irritant** to the skin, eyes, and respiratory tract. • **Environmental Safety:** Eco-friendly formulation with **Zero Ozone Depletion Potential (ODP)**, ensuring no adverse impact on the ozone layer. • **Electrical Equipment Safety:** Dielectric and non-conductive; it must cause **zero damage, residue, or short circuits** to sensitive electrical components during or after the activation/extinguishing process.		
4	**Fire Extinguishing Nano Sticker**	**Supply and Installation of Fire Extinguishing Nano Sticker (65-Liter Equipment Protection Capacity)** 1. Technical Specifications • **Technology:** Micro-encapsulation Technology. • **Extinguishing Agent:** Perfluoro-2-methyl-3-pentanone (Clean Agent). • **Protected Volume Capacity:** Enclosure protection up to 65 Liters (65L). • **Activation Temperature:** The automatic thermal rupture/activation temperature of the micro-capsules must mandatorily be **120°C (±5°C)**. • **Dimensions:** (200mm*100 mm*1 mm) (Length × Width × Thickness). • **Thickness Tolerance:** Overall sticker thickness must range between **1 mm to 2 mm**. • **Fire Rating:** Effective against Class A, B, C, and E fires (highly optimized for Electrical Fire mitigation). • **Operating Temperature Range:** Thermally stable and operational within the range of **-40°C to +65°C**. • **Operating Humidity:** Optimized for high efficiency in environments with relative humidity levels **below 80%**. • **Product Lifespan:** Minimum operational lifespan of **5 years** featuring **Zero Maintenance** (No maintenance required). • **Colour:** Deep Red.	**1**	**Nos.**

		2. Chemical Composition & Safety (As per MSDS) The product supplied by the vendor must strictly comply with the following safety, toxicity, and chemical composition criteria: • **Active Ingredient (Main Component):** Perfluoro-2-methyl-3-pentanone (Minimum **60%** concentration). • **Structural Composition (Other Components):** Advanced polymer and epoxy-based binders synthesized with specific fatty acid mixtures to ensure product flexibility and adhesion durability. • **Toxicity Profile:** The product must be certified completely **non-toxic** and **non-irritant** to the skin, eyes, and respiratory tract. • **Environmental Safety:** Eco-friendly formulation with **Zero Ozone Depletion Potential (ODP)**, ensuring no adverse impact on the ozone layer. • **Electrical Equipment Safety:** Dielectric and non-conductive; it must cause **zero damage, residue, or short circuits** to sensitive electrical components during or after the activation/extinguishing process.		

अटी व शर्ती :-

१. सीलबंद दरपत्रके दिनांक- /०७/२०२६ ते दि. /०७/२०२६ रोजीपर्यंत दुपारी ३.०० वाजेपर्यत पनवेल महानगरपालिकेच्या विद्युत विभागात किंवा pmcelectrical१२३@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.

मा. शहर अभियंता
पनवेल महानगरपालिका

प्रत माहितीस्तव :-

माहिती फलककरीता