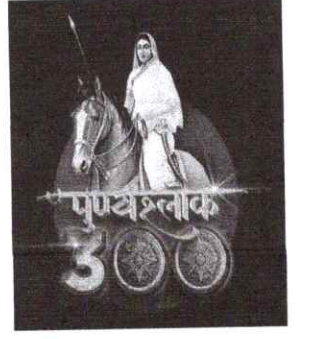




पनवेल महानगरपालिका ता. पनवेल जि.रायगड

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/२२२५/प्र.क्र.१०५/१०००/२०२५

दिनांक : १८ / ११ / २०२५

जाहिर निविदा दरपत्रक सुचना

मा. आयुक्त,

पनवेल महानगरपालिकेमार्फत खालील नमूद कामाचे अंदाज पत्रक बनविण्याकरीता खालील बाबींचे दर मागविण्यात येत आहे.

कामाचे नाव —

- १) पनवेल महानगरपालिका मालकीच्या विविध इमारतीमध्ये अस्तित्वात असलेल्या वातानुकूलित यंत्रणांची (स्प्लिट/विंडो/कॅसेट) तीन वर्षाकरिता निगा, देखभाल व दुरुस्ती करणे.
- २) पनवेल महानगरपालिका मालकीच्या आद्य क्रांतीवीर वासुदेव बळवंत फडके नाट्यगृहामधील मध्यवर्ती वातानुकूलित यंत्रणेची दोन वर्षाकरिता देखभाल, दुरुस्ती करणे.

नमूद कामांतर्गत दर मागवण्यात येणाऱ्या बाबींचा तपशील खालीलप्रमाणे

अ.क्र.	तपशील	परिमाण	युनिट
1.	Annual comprehensive maintenance of 66 TR air cooled scroll chiller including (Performance Monitoring: Tracking operating temperatures, pressures, and fluid levels daily/weekly. Visual Inspections: Checking for leaks and unusual noises or vibrations. Cleaning: Keeping the surrounding area and condenser coils clean for optimal airflow and heat transfer. System Checks: Annually testing for refrigerant leaks, verifying charge levels, and checking compressor oil quality and levels. Electrical Maintenance: Inspecting wiring, connections, safety controls, and fans/motors. Filter/Fluid Management: Replacing filters and testing water/glycol quality as needed.)	1	Job
2.	Annual comprehensive maintenance of 33 TR air cooled scroll chiller including (Performance Monitoring: Tracking operating temperatures, pressures, and fluid levels daily/weekly. Visual Inspections: Checking for leaks and unusual noises or vibrations. Cleaning: Keeping the surrounding area and condenser coils clean for optimal airflow and heat transfer. System Checks: Annually testing for refrigerant leaks, verifying charge levels, and checking compressor oil quality and levels. Electrical Maintenance: Inspecting wiring, connections, safety controls,	1	Job

	and fans/motors. Filter/Fluid Management: Replacing filters and testing water/glycol quality as needed.)		
3.	Annual comprehensive maintenance of chiller water pump (make kirloskar) including (Visual Inspection: Check the pump and surrounding area for any water, oil, or refrigerant leaks, rust, or debris. Operational Monitoring: Listen for unusual noises or excessive vibrations, which can indicate alignment issues or worn parts. Parameter Recording: Check and log the suction and discharge pressures, as well as the motor load current and winding resistance. Temperature Monitoring: Check the motor and bearing temperatures for any signs of overheating. Lubrication: Check oil levels in bearing reservoirs and top up or grease bearings as per manufacturer specifications. Strainer/Filter Cleaning: Clean the pump suction strainers and any associated water filters to ensure proper water flow. Gasket and Seal Inspection: Inspect all gaskets and mechanical seals for leaks or signs of wear. Full Servicing: Perform a comprehensive servicing of the pump and motor assembly. Alignment Verification: Inspect and test the motor and pump coupling alignment using a dial gauge. Oil and Filter Change: Drain and replace the bearing system oil and change oil filters, often after sending a sample for analysis. Internal Inspection: Remove the mechanical cover to inspect the impeller and casing for erosion, scaling, or pitting, and replace if necessary. Electrical System Test: Conduct an insulation test (megohm test) on the motor winding and check all electrical connections, contactors, and overload protection settings. Valve Operation: Check the operation of all associated valves (suction, discharge, non-return) and lubricate as needed. Water Treatment: Conduct a thorough draining, flushing, and chemical dosing of the chilled water system to prevent corrosion and scale buildup.)	1	Each
4	Annual comprehensive maintenance of Air Handling Unit 12000 CFM including (Filter Inspection for dirt/damage, clean or replace as needed, and ensure proper sealing to prevent air bypass. Coil Inspection and cleaning of heating/cooling coils of dust and debris to maintain heat transfer efficiency. Check for leaks or corrosion. Inspect drain pan for standing water, microbial growth, or blockages. Clean and ensure proper drainage to prevent water damage and mold. fan and motor Inspection for fan blades for dirt buildup and damage, clean as needed. Check motor bearings for wear and lubricate moving parts. Examine drive belts for fraying, cracks, or proper tension. Adjust tension or replace belts as necessary. Inspect wiring and all electrical connections for tightness, corrosion, or damage. Test safety switches and circuit breakers. Check that all dampers open and close correctly. Lubricate moving parts and verify the functionality of actuators and linkages. Test and calibrate temperature, humidity, and pressure sensors/thermostats to ensure accurate readings and proper system control. Conduct a	1	Each

	visual inspection of the AHU casing, access panels, and insulation for signs of wear, damage, leaks, or corrosion. Examine ductwork for leaks, damage, or blockages, and ensure insulation is intact.)		
5	Annual comprehensive maintenance of Air Handling Unit 8000 CFM including (Filter Inspection for dirt/damage, clean or replace as needed, and ensure proper sealing to prevent air bypass. Coil Inspection and cleaning of heating/cooling coils of dust and debris to maintain heat transfer efficiency. Check for leaks or corrosion. Inspect drain pan for standing water, microbial growth, or blockages. Clean and ensure proper drainage to prevent water damage and mold. fan and motor Inspection for fan blades for dirt buildup and damage, clean as needed. Check motor bearings for wear and lubricate moving parts. Examine drive belts for fraying, cracks, or proper tension. Adjust tension or replace belts as necessary. Inspect wiring and all electrical connections for tightness, corrosion, or damage. Test safety switches and circuit breakers. Check that all dampers open and close correctly. Lubricate moving parts and verify the functionality of actuators and linkages. Test and calibrate temperature, humidity, and pressure sensors/thermostats to ensure accurate readings and proper system control. Conduct a visual inspection of the AHU casing, access panels, and insulation for signs of wear, damage, leaks, or corrosion. Examine ductwork for leaks, damage, or blockages, and ensure insulation is intact.)	1	Each
6	Annual comprehensive maintenance of Air Handling Unit 6000 CFM including (Filter Inspection for dirt/damage, clean or replace as needed, and ensure proper sealing to prevent air bypass. Coil Inspection and cleaning of heating/cooling coils of dust and debris to maintain heat transfer efficiency. Check for leaks or corrosion. Inspect drain pan for standing water, microbial growth, or blockages. Clean and ensure proper drainage to prevent water damage and mold. fan and motor Inspection for fan blades for dirt buildup and damage, clean as needed. Check motor bearings for wear and lubricate moving parts. Examine drive belts for fraying, cracks, or proper tension. Adjust tension or replace belts as necessary. Inspect wiring and all electrical connections for tightness, corrosion, or damage. Test safety switches and circuit breakers. Check that all dampers open and close correctly. Lubricate moving parts and verify the functionality of actuators and linkages. Test and calibrate temperature, humidity, and pressure sensors/thermostats to ensure accurate readings and proper system control. Conduct a visual inspection of the AHU casing, access panels, and insulation for signs of wear, damage, leaks, or corrosion.	1	Each

	Examine ductwork for leaks, damage, or blockages, and ensure insulation is intact.)		
7	Annual comprehensive maintenance of Fan coil unit 600 CFM including (Inspect, clean, or replace regularly to ensure proper air quality and flow. Clean heating/cooling coils; check for leaks, corrosion, and straighten fins as needed. Inspect/clean drain pans and lines to prevent blockages, standing water, and mold. Clean fan blades/blower wheel; check/lubricate bearings; listen for unusual noises. Inspect wiring, test safety switches, and calibrate thermostats/controls. Inspect casing and pipe insulation for damage or leaks.)	1	Each
8	Annual comprehensive maintenance of 4 way cassette 600 CFM including (Clean (or replace if disposable) frequently (e.g., monthly to every few months). Inspect and clean with a soft brush or specialized coil cleaner to remove accumulated dust and debris. Inspect and clean the condensate drain pan and drain lines to prevent clogs. Clean dust and debris from these components to ensure proper airflow and quiet operation. Inspect all wiring and terminals for signs of wear, damage, corrosion, or loose connections; tighten as needed. Check levels for adequacy and test for leaks (performed by certified professionals only). Check and calibrate the thermostat and internal sensors to ensure accurate temperature control. Conduct a general inspection for unusual noises, vibrations, rust, or corrosion. After maintenance, perform a test run to check cooling performance, airflow, and noise levels. Wipe down the external surfaces, grilles, and louvers with a soft cloth and mild detergent.)	1	Each
9	Annual comprehensive maintenance of 5 way cassette 750 CFM including (Clean (or replace if disposable) frequently (e.g., monthly to every few months). Inspect and clean with a soft brush or specialized coil cleaner to remove accumulated dust and debris. Inspect and clean the condensate drain pan and drain lines to prevent clogs. Clean dust and debris from these components to ensure proper airflow and quiet operation. Inspect all wiring and terminals for signs of wear, damage, corrosion, or loose connections; tighten as needed. Check levels for adequacy and test for leaks (performed by certified professionals only). Check and calibrate the thermostat and internal sensors to ensure accurate temperature control. Conduct a general inspection for unusual noises, vibrations, rust, or corrosion. After maintenance, perform a test run to check cooling performance, airflow, and noise levels. Wipe down the external surfaces, grilles, and louvers with a soft cloth and mild detergent.)	1	Each

10	Annual comprehensive maintenance of Exhaust fan 6000 CFM including (The most frequent task involves cleaning the fan blades, cover/grille, and housing to remove accumulated dust, dirt, and grease, which can impede airflow and strain the motor. For fans with filters, maintenance includes regular cleaning of reusable filters or replacement of disposable ones to maintain air quality and efficiency. Moving parts, especially motor bearings, require periodic lubrication with the manufacturer's recommended oil or grease to reduce friction, prevent overheating, and minimize noise. Checking all wiring, connections, and switches for damage, corrosion, or loose connections to prevent electrical hazards. Examining fan blades, belts (for belt-driven units), pulleys, and mounting hardware for signs of wear, damage, or misalignment. Worn belts should be replaced and tension adjusted as needed. Inspecting the entire duct system and exterior vents for blockages (such as debris or bird nests), leaks, or damage to ensure proper airflow to the outdoors. Checking for unusual noises, excessive vibrations, or reduced airflow, as these can indicate underlying issues like an imbalanced fan or motor problems.)	1	Each
11	Annual comprehensive maintenance of Fresh air fan 5000 CFM including (Dust and debris accumulation on blades and protective grilles can reduce airflow efficiency, cause imbalance, and strain the motor. These should be wiped down regularly (every few weeks, or more often in dusty environments) with a damp cloth and mild detergent after unplugging the fan., Keep the motor clean and free of dust to ensure proper heat dissipation and prevent overheating. Compressed air can be used for hard-to-reach internal areas. If the fan unit has air filters (common in ventilation or HVAC systems), they must be checked, cleaned, or replaced regularly as per the manufacturer's instructions. Periodically check for any signs of damage, cracks, or corrosion on the blades, housing, and other metallic components. Check all screws, bolts, and mounting brackets to ensure they are securely fastened. Loose components can cause vibrations, noise, and potential safety hazards. Inspect wiring and electrical connections for damage or looseness to prevent electrical issues. Listen for unusual noises (rattling, grinding, humming) or observe for excessive wobbling/vibration during operation, which may indicate alignment or bearing issues. Some older or specific fan models require periodic lubrication of motor or fan bearings to reduce friction and noise. Inspect belts and pulleys for wear, proper tension, and alignment, adjusting or replacing as needed. For exhaust or fresh air intake fans, ensure the exterior vent flap	1	Job

	is not blocked by debris. Inspect and clean associated ductwork if accessible.)		
12	Annual comprehensive maintenance of Toilet exhaust fan 4000 CFM including (The most frequent task involves cleaning the fan blades, cover/grille, and housing to remove accumulated dust, dirt, and grease, which can impede airflow and strain the motor. For fans with filters, maintenance includes regular cleaning of reusable filters or replacement of disposable ones to maintain air quality and efficiency. Moving parts, especially motor bearings, require periodic lubrication with the manufacturer's recommended oil or grease to reduce friction, prevent overheating, and minimize noise. Checking all wiring, connections, and switches for damage, corrosion, or loose connections to prevent electrical hazards. Examining fan blades, belts (for belt-driven units), pulleys, and mounting hardware for signs of wear, damage, or misalignment. Worn belts should be replaced and tension adjusted as needed. Inspecting the entire duct system and exterior vents for blockages (such as debris or bird nests), leaks, or damage to ensure proper airflow to the outdoors. Checking for unusual noises, excessive vibrations, or reduced airflow, as these can indicate underlying issues like an imbalanced fan or motor problems.)	1	Job
13.	Supply and erecting of AC outlet drain pipe for Air conditioning unit of 2TR, 1.5 TR, 1TR capacity	1	m
14.	Erection of departmentally supplied air conditioning unit (2 TR, 1.5 TR, 1TR capacity)	1	Job

अटी व शर्ती :-

- सीलबंद दरपत्रके दिनांक-१९/११/२०२५ ते दि. २६/११/२०२५ रोजी पर्यंत 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 नोंदविलेले दरपत्रक स्विकारण्याचे सर्व अधिकार पनवेल महानगरपालिकेकडे असतील याची नोंद घ्यावी.


 शहर अभियंता
 पनवेल महानगरपालिका