



पनवेल महानगरपालिका

ता. पनवेल जि. रायगड — ४१० २०६

दुरध्वनी कार्यालय ०२२ — २७४५८०४०/४१/४२

फॅक्स नं. : ०२२-२७४५२२३३

आयुक्त कार्यालय : ०२२ — २७४५२३३९

उपायुक्त कार्यालय : ०२२ — २७४५५७५१

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जा.क्र/प.महा/पर्या./२८२५/प्र.क्र.०७/२३०/२०२५

दिनांक : २८/०७/२०२५

जाहीर सूचना

पनवेल महानगरपालिकेमार्फत Fully Built Fog Cannon with Auxiliary Cummins Engine mounted on suitable Truck Chassis Diesel Engine with 02 Year Warranty +05 year (AMC) and Operation for 07 Years with Providing Driver and Technical Operator for PANVEL MUNICIPAL CORPORATION . या कामाकरिता आर्थिक खर्चाचे अंदाजपत्रक तयार करणेकरिता जाहीर दरपत्रके मागविण्यात येत आहेत.

अ.क्र.	कामाचा तपशील	दर (GST व सर्व प्रचलित शासकीय कर , शुल्कासहित) (For 01 Vehicle)
	Fully Built Fog Cannon with Auxiliary Cummins Engine mounted on suitable Truck Chassis Diesel Engine with 02 Year Warranty +05 year (AMC) and Operation for 07 Years with Providing Driver and Technical Operator for PANVEL MUNICIPAL CORPORATION . (Fully Built Fog Cannon 01 Vehicle) (खालील नमूद जोडपत्र १ मधील तांत्रिक तपशीलाप्रमाणे)	
I)	Quotation for the fabrication , Supply and Installation of Fog Cannon with 02 Year Warranty	
II)	Comprehensive Annual Maintenance from 3 rd year to 07 th year (Total 05 Years)	
III)	Operation with Driver and Technical Operator For 07 Years	
	Total Amount I+II+III =	

सदरची दरपत्रके सिलबंद लिफाफ्यात दि. १२/०८/२०२५ रोजी दुपारी १.०० वाजेपर्यंत पनवेल महानगरपालिका पर्यावरण विभागात सादर करावीत .

- सदरची दरपत्रके केवळ आर्थिक खर्चाचे अंदाजपत्रक तयार करणेकरिता मागविण्यात येत आहेत.
- कोणतेही दरपत्रक नाकारण्याचा अधिकार महानगरपालिकेने राखून ठेवला आहे.
- उशिरा आलेली दरपत्रके विचारात घेतली जाणार नाहीत .

सही/-

उपायुक्त (पर्यावरण)

पनवेल महानगरपालिका

जोडपत्र- १ तांत्रिक तपशील

Fully Built Fog Cannon with Auxiliary Cummins Engine mounted on suitable Truck Chassis Diesel Engine with 02 Year Warranty +05 year (AMC) and Operation for 07 Years with Providing Driver and Technical Operator for PANVEL MUNICIPAL CORPORATION .

A) CHASSIS SPECIFICATION

Engine	ZD30 BS VI Diesel with i-Gen6 technology
Maximum power	104kW @ 2750 rpm (140 HP)
Maximum torque	360 Nm @ 1350-2750 rpm
Clutch	310" mm dia – Diaphragm, Push type, Hydraulic actuated
Gear box type	6 speed Overdrive gear box Gear ratios: I-8.28, II-4.7, III-2.75, IV-1.64, V-1, VI-0.85, Rev-7.25 Cable Type CSO linkage
Propeller shaft	Monotron Propeller shaft
Front axle	Forged I section - Reverse Elliot type
Rear axle	Fully floating single speed rear axle, Hypoid RAR: 5.13:1
Steering	Hydraulic assisted Power steering
Frame	202mm x 60mm x 6mm – Joggled frame
Front Suspension	Parabolic springs with shock absorber
Rear Suspension	Semi-elliptic multi leaf with helper springs
Brakes	Full air - dual line brakes, Parking brakes on rear only
Electricals	12V 75 Ah battery ,70 Amp Alternator
Tyres	8.25 X 16-16 PR, Optional -8.25R16-16PR
Fuel tank capacity	90 (22ft)
DEF tank Capacity	20L
Cabin	Partner Super Tilttable Day Cab
GVW	11280 kg

B) WATER TANK

A Water Tank having following parameters:

Capacity	5000 Lts.
Water Tanker Thickness: -	3 & 4mm MS Plate (Combo)
Baffle Plate Thickness –	3 & 4mm MS Plate
Manhole –	Provided 01 Manhole (600mm) with threaded MS Cap 100mm dia meters for filling water

Outlet –	Provided Butterfly Valve
Cleaning Hole: -	Proved below water Tank
Painting –	Enamel Paint

C) SPECIFICATION OF FOG MACHINE

SN	Model	M04
1.	Spray range without wind (m)	40
2.	Coverage (m ²)	2500/5000
3.	Total Power (Kw)	10.2
4.	Fan's power (Kw)	7.5
5	Pump's Power (Kw)	2.2
6	Fan quantity	2
7	Power Supply mode	Hydraulic
8	Nozzles quantity (pcs)	39
9	Water consumption ((m ³ /h)	3.2
10	Pump Pressure (Mpa)	Centrifugal 1-1.5Mpa
11	Fog particle diameter (um)	20-150
12	Horizontal turning degree (adjustable_	(+ - 120 °/+ - 180 °)
13	Pitching degree	-10°-45°
14	Control Mode	emote controller and Intelligent touch panel (Optional)
15	Fixing Mode	Mobile, tower, platform
16	IP grade	IP 55
17	Noise (dB)	70db at 7.5m
18	Working temperature (°C)	0-50°C

19	Dimension (mm)	1550x1030x1600
20	Weight (Kg)	510(Hydraulic)
21	Noise control	Double- wall soundproof
22	Spray, ring mode	Double – spraying

D) Auxiliary engine specification

S/N	Model	M04
1.	Engine model	QSB3.9-C80-30 (80HP 2000RPM)
2.	Engine style	Cummins construction Industrial diesel engine
3.	Type	In-line,4 stroke, water cooling, Direct injection
4.	Cylinders No.	4 Cylinders
5	Intake system	Turbocharged and intercooler
6	Bore X Stroke	102x120mm
7	Displacement	3.9L
8	Compression ratio	16.6
9	Fuel system	HPCR
10	Rotation	Close wise (face to flywheel)
11	Rated power	60KW/80HP/2000RPM
12	Max torque	350N.m/1350RPM
13	Idle speed	750RPM
14	Electrical system	24V/12V
15	Net Weight	331KG
16	Overall Dimension (L*W*H)	778mm*753mm*882mm
17	Package size(L*W*H)	900mm*900mm*1000mm
18	Option parts	Air filter, exhaust pipe, bellow, silencer, radiator, control panel, etc
19	Emission	stage III, EU Stage IIIA
20	Application	Wheel loader, hydraulic excavator, Motor grader, Air compressor, etc