



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/मल.वि./५०२५/०९/६९०/२०२५

दिनांक- ०८ / ०९ / 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 नवीन पनवेल (पुर्व) सेक्टर- १५ येथील हॉलडींग पाँड आणि स्टॉर्म वॉटर पंपींग स्टेशनमध्ये सुधारणा करणे.	दिनांक-०८/०९/२०२५ ते दिनांक-१६/०९/२०२५

TECHNICAL SPECIFICATION

Sr. No.	Item Description	Qty	Unit	Rate to be quoted Rs.
1	Axial Flow Pump Designing, Providing, installing, commissioning & testing with satisfactory test & trail of Axial flow Propeller Pumps having 3.5 M3/sec discharge at 7.5 Mtr Head and 450 kW rated power of motor. The pump shall be supplied with 15 mtr long PNCT cable, cable entry provision, Mechanical seal - SIC/SIC with three continuous duty with 'F' class Insulation, suitable phase squirrel cage motor should not be less than 600 rpm, suitable for to operate required duty conditions & specified requirement having minimum efficiency 75% suitable for solid handling capacity of 100 mm as below including cable set, Tube installation, lifting chain, control panel with PMU having all protections, bottom stand, clamps etc. with TPI & Inspection etc complete. Discharge : 3.5M3/Sec, Head : 7.5 Mtr, Motor rating : 603 HP & Cable Length:- 20 mtr	3.00	Nos	
2	C.I Sluice gate with Actuator Providing and erecting Cast Iron Sluice Gate manufactured and tested as per IS:3042-1965,designed to sustain 2 kg/cm2 pressure, Gates to be provided with brass seats, and spindle of MS bright bar of required height to enable to operate the gate from operating slab of intake structure including GM nut bolts SS-304 hardware, necessary wedges to be provided to achieve leak tightness, including operation wheel, head stock, foundation material, labour etc. leakage or other operational difficulty with special grease filled gear box and hand wheel for emergency manual operation which will automatically dis-engage on restoration of power to motor	4.00	Nos	

	and with 10 watt single phase space heater and continuous local mechanical position indicator and individually replaceable counter gear and individually replaceable counter gear assembly and with two torque and four limit switches with S.S. flap and operated with gear driven cams and of rating 250 Volt, 5 Amp AC/DC, torque switch dial and with TEFC squirrel cage induction motor working on 440 Volts +/- 10%, 3 phase, 50 Hz AC of intermittent duty rating S-2, insulation class "F" and temp rise restricted to class "B" with IP -67 protection class suitable for DOL starting and with three thermostat and 30% over load margin. The torque rating of reduction gear box shall be at least 1.5 times max. torque required for opening and closing of valve with integral starter for ON & OFF operation 2.40 mtr (W) x 2.50 mtr (SWD)			
3	Stop logs Supply, erection, testing & commissioning of Aluminium Stop log, stop log frame, common lifting beam and common storage rack to store the aluminium stop logs. a) A set of 06 nos. sub-assembled aluminium alloy stop log segments of size 2300 (w) mm x 600 (h) mm (5 nos.) & 2300 (w) mm x 900 (h) mm (1 no.) Channel size 2.30 (W) x 3.50 (SWD) mtr. At Upstream side	4.00	Nos	
	b) A side wall embedded aluminium alloy 6061-T6 guide frame of size 2300 (w) mm X 7800 (h) mm. At Upstream side.	4.00	Nos	
	c) A set of 06 nos. sub-assembled aluminium alloy stop log segments of size 2300 (w) mm x 600 (h) mm (5 nos.) & 2300 (w) mm x 900 (h) mm (1 no.) Channel size 2.30 (W) x 3.50 (SWD) mtr. At Downstream side	4.00	Nos	
	d) A side wall embedded aluminium alloy guide frame of size 2300 (w) mm X 7800 (h) mm. At Downstream Side.	4.00	Nos	
	e) One no. common lifting beam to lift up / lower down stop log segments of size 2300 (w) mm x 600 (h) mm & 2300(w) mm x 900(h) mm. MOC: Mild steel epoxy painted.	1.00	No	
	f) Common storage rack to store/house 1 nos. common lifting beam & sub-assembled aluminium stops log segments of width 2300 mm. MOC: Mild steel epoxy painted.	5.00	Nos	
4	Mechanical Screen Multi-Rake bar Type SS Mechanical Coarse Screens with 50 mm bar spacing, along with suitable motor drive mechanism, control panel with IP 65 protection, with SS-304 enclosure, complete as per detailed specifications. Channel width: 2000 mm, Channel depth: 6500 mm, SWD: 2500 mm, Free board: 300 mm, Bar spacing: 50 mm, Bar size: 12 mm thick at front, 6 mm thick at back & 50 mm deep flat bars. MOC of Screen: SS 316	3.00	No	
5	Belt conveyor Conveyor belt set of size 600 mm wide X 13000 mm long (Centre to centre distance), capable to collect the garbage and travel up to collection spot, with cable etc	1.00	No	
6	EOT crane Providing, erecting and commissioning single girder 10 MT capacity, Electrically Operated Rectangular Overhead	2.00	Nos	

	Travelling Crane along with Gantry Girder with 12 m lift complete with wire rope hoist, class II duty, all three motions electrically operated by suitable rating motor IP 54, control panel and down pendant control block. Span: 15 Mtr			
7	Clamshell Grab Bucket Providing, Supplying, erection, testing & commissioning of Mechanical operated M.S epoxy painting Clamshell grab bucket 0.5 m3 level filled or 1.3 ton	1.00	No	
8	DG sets 2000 kVA Supply, Installation, Testing & commissioning of 2000 KVA, 3.3KV Prime Rated Diesel Generator Set Powered with Engine which is design for 50 Deg C cooling system Coupled to 3.3 kV alternator which is design for Class H insulation with temperature rise Limited to Class H at 40 Deg C ambient temperature , Acoustic Enclosure suitable for 25 dB insertion loss made of 1.6 mm thick CRCA sheet, 14 tank treatment with 50 to 60 micron powder coating and sound insulation with 100 mm thick rockwool ,M.S. Exhaust pipe of class B with 50mm thick rockwool insulation of 64kg/m3 density with 24 SWG Al cladding complying to CPCB norms - for total length of pipe scope includes all required bends, flanges, bellow, hardware's etc,30 m. height stack with supporting MS structure, lightning protection and aviation lighting for D.G. set as required as per requirements of Storm Water Pumping Station design & 25mm Dia MS Class C Fuel piping with paintings, required supports, bends, flanges, U clamps, Nut bolts & other accessories. (From Day tank to Engine, NIS & NGS Panel etc complete. Inclusive of: 1. Batteries & Leads and Battery Charger 2. AVM Pads 3. Residential Silencer. 4. First fill of diesel, lube oil, fuel / oil filter etc. 5. 990 liter Diesel Day tank. 6. Microprocessor based AMF controller (Open Protocol) inside acoustic enclosure without breaker. 7. Transportation of DG set up to site	1.00	Nos	
9	FCMA soft starter Supply & installation of 3.3kV FCMA Soft Starters complete with PFC capacitors for submersible Axial pump motors PLC based as per requirements of Storm Water Pumping Station	3.00	Nos	
10	Air Ventilation System Providing, installing and commissioning air ventilation system of 2 no's (1 working +1 stby) centrifugal type load blower each having capacity of 2520 m3/hr @100 mmWG pressure having SS 304 quality stainless steel impeller running in SS 304 casing directly mounted on the shaft of 3 HP x 1440 rpm electric motor IP -55 enclosure, suitable for IIA & IIB gases and 415/3 /50 AC supply. The blower shall be provided with multi louver type damper made out of SS 304, the stand and the base frame for the fan and motor made out of ISMC 75 x 40 duly epoxy painted etc	2.00	Nos	
11	CFD Analysis Carrying out detailed technical study of the intake pond and the pumps to be installed and constructing a scaled model along with CFD analysis for understanding flow pattern in detail and the location, and nature of the vortices etc. complete for trouble free and efficient running of the pump sets.	1.00	Job	

12	Personal Computer Reputed make Slim Desktop 13th Gen Intel Core i3-13100 (8 GB RAM/512 GB SSD/Intel UHD Graphics 510SP Black Wireless Keyboard and Mouse combo/Win11/MSO/1 Year Warranty, Dark Black) S01-pF3234in with Windows 11 and MS OFFICE 2021 HP V22v G5 FHD Monitor, 21.45" (54.5cm) LCD 1920 x 1080 Pixels FHD Monitor Anti-Glare UPS Reputed make UPS – APC BR1500 Printer Reputed make LaserJet Pro MFP M128fw Multi-function Monochrome Laser Printer (Toner Cartridge)	1.00	No.	
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अटी व शर्ती :-

- सीलबंद दरपत्रके दिनांक-०९/०५/२०२५ ते दि.१६/०५/२०२५ रोजी पर्यंत दुपारी ३.०० वाजेपर्यंत पनवेल महानगरपालिकेच्या मलनिःस्सारण विभागात किंवा panvelcorporationswd@gmail.com या ई-मेलवर स्वीकारण्यात येतील.
- सदरचे दरपत्रक हे अंदाजपत्रक बनविण्यासाठी असून सदर कामांवर Manufacturer चा दावा (Claim) असणार नाही.
- Manufacturer ने दिलेले दरपत्रक स्वीकारणाचे सर्व अधिकार पनवेल महानगरपालिकेकडे असतील याची नोंद घ्यावी.

Signed by

Sanjay Baraka Katekar

Date: 06-05-2025 18:32:41

शहर अभियंता

पनवेल महानगरपालिका

प्रत माहितीस्तव :-

- माहिती फलककरीता