



# Panvel Municipal Corporation

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## जाहीर निविदा दरपत्रक

आयुक्त, पनवेल महानगरपालिका क्षेत्रातील कामोठे मलनिःसारण केंद्रांतर्गत १५ द.ल.लि क्षमतेचे पाणी पुर्नवापर प्रक्रिया केंद्र (Tertiary Treatment Plant) उभारणे. या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबीकरीता खालील नमूण्यात दर मागविण्यात येत आहेत.

अ.क्र.	कामाचे नाव	मुदत
१	पनवेल महानगरपालिका क्षेत्रातील कामोठे मलनिःसारण केंद्रांतर्गत १५ द.ल.लि क्षमतेचे पाणी पुर्नवापर प्रक्रिया केंद्र (Tertiary Treatment Plant) उभारणे.	०७/०२/२०२४ ते १३/०२/२०२४ (७ दिवस)

### Specification

Sr.No.	Descriptions	Units	Qty
1	15 MLD Pressurized UF membrane Supplying, erecting, commissioning and giving test of 15 MLD Pressurized UF with Technical data sheet. It should include 7 years unconditional replacement guarantee for the membrane of the UF System. ,Electrical consumption ,Chemical consumption for UF system and energy consumption for UV system. Pl mention the Euro / US Dollar rate on which these rates are based. Pressurized UF membrane:-Pore size:0.03µm, aera per module: -- Material : Membrane:PVDF Housing: PVC Raw waterc Feed pump,Self-cleaning filter, CIP pump-ith appropriate Head, flow & HP ,with VFD ,Backwash filter,NaClO feeder pump, NaClO dosing system-Complete set of equipment,including local control box, installation rack, Y-type filter,type filter pulse buffer,safety valve, back pressure valve, NaClO storage tank, NaClO Maintenance cleaning dosing pump-Mechanical Diaphragm Metering Pump, NaClO recovery cleaning dosing pump-Citric acid dosing system,Citric acid feed pump,Citric acid storage tank,Citric acid Maintenance cleaning dosing pump,Acid mist absorber , Heaters, Chemical cleaning pump, Chemical cleaning filter,Air compressor membrane Aeration, Air storage tank, Air compressor Air flow, Drainage pump pumps, Crane for UF System including all piping , Eletromechanicals, Valves, Cable,cable trays & related eletrical panels,PLC and SCADA Control System and total electromechanical works etc complete	Job	1.00
2	Onlline Analyser for 15 MLD TTP at Kamothe i)STAC-2 - Compact Alert Station COD, BOD, TOC, TSS, NITRATE, NITRITE MEASUREMENT.	Each	1
	ii)1 PH sensor with 7 m cable on S 200 Containing: - 1 digital PH sensors with 7 m cable, - 1 buffer solution PH4, - 1 buffer solution PH7, - 1 Operating instructions.	Each	1

	- 1 S200 Transmitter		
	iii) Ammonium sensor with pH electrode model s80 from ecdi usa make with 10 mtr cable with t 80 transmitter and installation kit	Each	1
	iv) 4.20 mA interface to connect flow meters and MODBUS Interface to connect pH to cloud data	Each	1
	v) 3S-Colorimeter (Phosphate Measurement) including built-in peristaltic pump, touchscreen interface with USB data download (Phosphate Analyzer) maximum range to be specified by the customer	Each	1
	vi) External reservoir - polycarbonate (fast loop with PPS level switch) Start-up kit for colorimeter Find below the list of the items included in the start-up kit.	Each	1
	vii) Measuring Assembly S200 free chlorine with PH Sensor 230 v	Each	1
	viii) (Total Coliform), touchscreen PC, including Software, capable of running 2 sequential tests includes BACTcontrol bacteria monitor	Each	1
	ix) includes starter package including sample in and outlet tubing, stirrers, filter set (3 incl. holder), keys, toolbox, test certificate, optical mouse, manuals,	Each	1
	x) Includes (Consumables) for 12 months Total Coliform activity reagent 50ml (4 nos) Buffer reagent 100 ml (4 nos) Cleaning stock solution 100 ml (4 nos) Calibration blank 15 ml (4 nos) Calibration solution 15 ml (4 nos)	Each	1
	xi) Modem to connect to MPCB and CPCB Sever with one year cloud charges	Each	1
	xii) Suitable Encloser	Each	1
	xiii) Installation kit for installation of online data transmission	Each	1
	xiv) Cost for all prerequisites, air condition, required piping and plumbing, associated chemicals, associated pumps, associated electricals etc	Each	1
3	UV System for TTP Pretreatment before UV-STP + TTP with UF technology System design flow -15 MLD Average Design flow rate-625 cum/hr Peak Design flow rate-687.5 ( 10% overloading) Inlet TSS-< 1.0 Mg/l Outlet parameters- 4 Log Reduction of Adenovirus 3 Log Reduction Cryptosporidium 5 Log Reduction TC	Job	1
4	Treated Water Pumps -Vertical turbine Pump Supplying, erecting, commissioning and giving test of Vertical Turbine Pump including bowl assembly and discharge, head etc on provided channel / RSJ / RCC beam including erecting on provided sole plate with blue matching Bowl Efficiency : Minimum 80%.. Discharge : 71LPS, Head : 24 Mtr 40 HP Discharge : 103LPS, Head : 29 Mtr 60 HP	Each	1
		Each	1
5	Variable Frequency Drive Panel 40 HP 60HP Details are available in office	Each	1
		Each	1

- १) सीलबंद निविदा दि. ०७/०२/२०२४ रोजी दुपारी ३.०० वाजेपर्यंत पनवेल महानगरपालिकेच्या पाणी पुरवठा विभागात अथवा pmcwater2016@gmail.com या संकेतस्थळावर स्विकारण्यात येतील.
- २) प्राप्त झालेल्या निविदा शक्यतो दि. १३ /०२/२०२४ रोजी दुपारी ३.३० (शक्यतो) वाजता पाणी पुरवठा विभागात उपस्थित ठेकेदार यांच्या समक्ष उघडण्यात येतील.
- ३) अटी व शर्ती युक्त निविदांचा विचार केला जाणार नाही.

प्राप्त निविदेतील १ अथवा सर्व निविदा कोणतेही कारण न देता मंजुर अथवा ना मंजुर करण्याचा हक्क पनवेल  
महानगरपालिकेने राखुन ठेवला आहे.



उपअभियंता  
पनवेल महानगरपालिका

प्रत माहितीस्तव - १. प्रसिध्दीकरीता  
२. माहिती फलक करीता