

वसई - विरार शहर महानगरपालिका

पाणी पुरवठा विभाग, मुख्यालय

जा.क्र.वविशम/पापु/ $\frac{2131}{293}$ /२०२२
दिनांक :- १२/०५/२०२२

"कोटेशन नोटीस"

वसई विरार शहर महानगरपालिकेच्या कार्यक्षेत्रातील खाली उल्लेख केल्याप्रमाणे काम करावयाचे असून सदर काम करण्यास इच्छुक संस्था/ठेकेदार यांनी त्यांच्या लेटरपॅड वर खालील उल्लेख केलेल्या कामांच्या बाबींचे दर (सर्व करासहीत) दि.१८/०५/२०२२ रोजी दुपारी २:०० वा. पर्यंत कार्यकारी अभियंता, (पा.पु.) वसई विरार शहर महानगरपालिका यांचेकडील आवक बारनिशीकडे / ई-मेल व्दारे (cevvcmc@gmail.com) सादर करावे.

सुचना :-

- १) मुदतीनंतर प्राप्त कोटेशन स्विकारले जाणार नाहीत.
- २) याकामी प्राप्त दरपत्रकांपैकी कोणतेही एक दरपत्रक स्विकारण्याचा अथवा कोणतेही कारण न देता सर्व दरपत्रके नाकारण्याचा अधिकार निम्नस्वाक्षरीकार यांनी राखून ठेवला आहे.
- ३) खाडाखोड केलेले दरपत्रक स्विकारण्यात येणार नाहीत.
- ४) सदरचे दरपत्रक हे निव्वळ अंदाजपत्रक तयार करणेकामी मागविण्यात येत आहे.

कामाचे नाव :- वसई विरार शहर महानगरपालिका कार्यक्षेत्रात १५ वित्त आयोगाच्या शिफारशीनुसार तलावातील पाणी शुध्दकरणेसाठी (Project for Rejuvenation of water Bodies) ई-कोटेशन मागविणेसाठी.

तलावांचे नाव :- १) आचोळे तलाव २) पापडी तलाव ३) चक्रेश्वर तलाव

कोरे कोटेशन फॉर्म मिळण्याचा कालावधी :- दि.१२/०५/२०२२ ते दि.१८/०५/२०२२ रोजी कार्यालयीन कामकाजाच्या वेळेत

सिलबंद कोटेशन स्विकारण्याची तारीख व वेळ :- दि.१८/०५/२०२२ रोजी दुपारी २:०० वाजे पर्यंत

सिलबंद कोटेशन उघडण्याची तारीख व वेळ :- दि.१८/०५/२०२२ रोजी संध्याकाळी ४:०० वाजे पर्यंत

वरिलप्रमाणे कोटेशन नोटीस महानगरपालिकेच्या नोटीस बोर्डवर / वेबसाईट वर प्रसिध्द करण्यात यावी.

कार्यकारी अभियंता
वसई विरार शहर महानगरपालिका

सोबत :- कोटेशन फॉर्म जोडले आहे.

NOTICE INVITING BUDGETORY OFFER FOR MOBILE TREATMENT PLANT

Notice No: व वि श म / पा पु / श अ 213 / 2022

To Whom So Ever It May Concern

Hereby we are inviting Notice for Budgetory offers from reputed Contractors, Vendors & Suppliers for various works proposed under the work of **“Rejuvenation and Beautification of Achole Talav, Chakreshwar Talav & Papadi Talav”**

Agencies/Contractors are therefore requested to submit the budgetary rates for below mentioned Items through email.

Sr No	Particular	Achole Talav	Chakreshwar Talav	Papadi Talav
1	Approximate area of lake (Acres)	11.01	5.96	5.82
2	Approximate : depth	5.5 m	5 m	5 m

Sr. No.	Description	Unit	Capacity (KLD)	Space Required (L m x B m)	Rate per unit (Rs)	Amount (Rs)
1	Mobile Treatment Plant Designing, providing, installing, commissioning and giving satisfactory performance test for modernized and fully automated Mobile Treatment Plant integrated with SCADA system with central monitoring system, including cost of all equipments and Civil/Mechanical/Electrical work required to provide/install such plant. Treatment Plant including pumping arrangement for raw lake water, It should also include necessary Piping work with required Valves, Gates etc. in same unit so as to maintain specified effluent standards mentioned in table no 1. Also provide the space required. Note: Inlet parameters shall be consider as per normal water body only. Refer the Table 1 for Desired Effluent parameters.					

Sr. No.	Description	Unit	Capacity (KLD)	Space Required (L m x B m)	Rate per unit (Rs)	Amount (Rs)
i.	Model_1	1	250 m ³ /hr			

Sr. No.	Description	Unit	Capacity (KLD)	Rate per unit (Rs)	Amount (Rs)
2	Operation & maintenance cost It shall include total O&M cost including the electricity cost for the O & M of the plant.				
i.	Model_1	Per KLD	250 m ³ /hr		

Table 1: Existing and Expected Water Quality

Sr No	Parameter	Current Quality			Expected Quality
		Achole Talav	Chakreshwar Talav	Papadi Talav	
1	BOD (mg/Lit)	30	27	23	10
2	COD (mg/Lit)	124	84	88	30
3	DO (mg/Lit)	1.5	2.2	2	5
4	TDS (mg/Lit)	325	466	883	25 to 250
5	Turbidity (NTU)	112	120	95	<1

Note:

- 1) The vendor is expected to consider treatment unit cost along with the mobility unit.
- 2) The above mentioned parameters in Table 1 are expected to be achieved all time at the outlet of Treatment Plant .
- 3) The required site visit/inspections shall be carried out by the vendor/supplier/contractor, before providing the Techno-Commercial Offer. Only informative assistance shall be provided by VVCMC officials.

Terms and Conditions:

1. All rates shall be inclusive of all taxes.
2. The Budgetary offers shall be sent on following mail ids marked with name of the work, quotation notice number and name of the firm.
 - i. cevvcmc@gmail.com

Sd/-

Executive Engineer

Vasai Virar City Municipal Corporation

NOTICE INVITING BUDGETORY OFFER FOR AERATION SYSTEM

Notice No: व वि श म / पा पु / श अ 213 / 2022

To Whom So Ever It May Concern

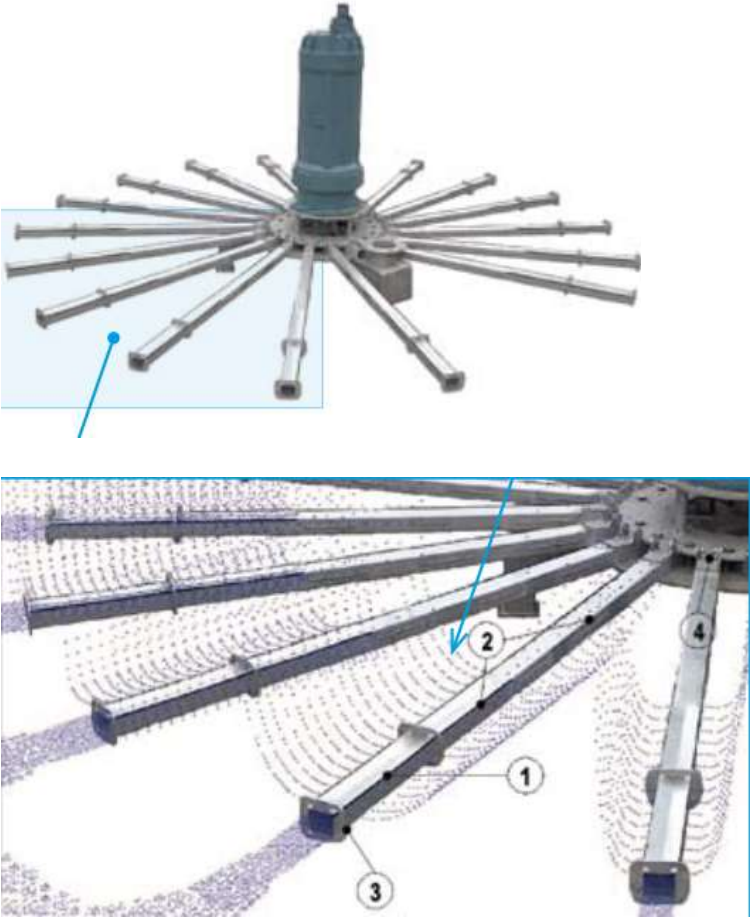
Hereby we are inviting Notice for Budgetory offers from reputed Contractors, Vendors & Suppliers for various works proposed under the work of **“Rejuvenation and Beautification of Achole Talav, Chakreshwar Talav & Papadi Talav”**

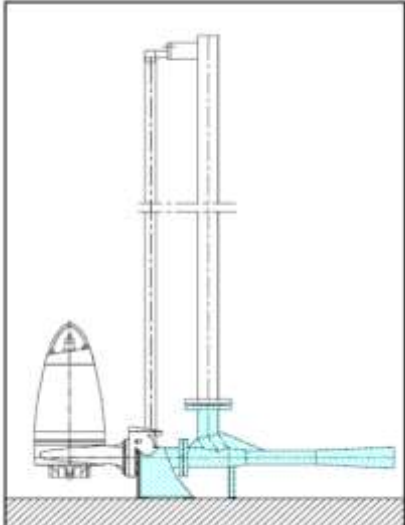
Agencies/Contractors are therefore requested to submit the budgetary rates for below mentioned Items through email.

Sr No	Particular	Achole Talav	Chakreshwar Talav	Papadi Talav
1	Approximate area of lake (Acres)	11.01	5.96	5.82
2	Approximate : depth	5.5 m	5 m	5 m

Sr. No.	Description	Unit	Air Flow Rate/ Capacity	Space Required (L m x B m)	Rate per unit (Rs)	Amount (Rs)
1	Aeration System					
	Desired Oxygen level for the aeration system shall be maintained to 5 mg/Litre accordingly the aeration system shall be designed as per following technical specifications. Both type of system shall be used in each water body , to be engineered in such a way that entire water body shall be evenly aerated and maintained desired oxygen level.					
i.	Submersible Aerator (Fine Bubble Diffused Aeration System) MOC: Motor-housing : cast iron – epoxy coated Mechanical seal : SiC/SiC Automatic and continue surveillane of the water tightness and the temperature of the motor Propeller : Stainless steel AISI 316L	1				

Sr. No.	Description	Unit	Air Flow Rate/ Capacity	Space Required (L m x B m)	Rate per unit (Rs)	Amount (Rs)
	<p>Vacuum chamber : Stainless steel AISI 316L Air channel : Stainless steel AISI 316L Diffusor : Stainless steel AISI 316L Air seal : POM Bolts and nuts : A2</p> <p>Standard Accessories : the aerator, together with its submersible electrical motor positioned on the bottom of the basin - an air-intake pipe SS316 L - and a lifting cable & with lifting bracket . Some construction details (standard) are to be noticed (see drawing and photo beneath): - the intermediate flange and the calibrated ring ,fixed with bolts and clamps, are especially developed to enable a quick inspection of the wearing parts of the equipment, and an easy replacement thereof - the connection brackets enable an easy installation of the air diffusion channels</p> <p>AIR DIFFUSION CHANNELS optimal air distribution due to bilateral slits on the outside of the channels, halfway down - non-clogging rings - non-clogging connection to aerator</p>					

Sr. No.	Description	Unit	Air Flow Rate/ Capacity	Space Required (L m x B m)	Rate per unit (Rs)	Amount (Rs)												
																		
ii.	<p>Submersible Venturi jet aerator</p> <p>Materials</p> <table border="1" data-bbox="224 1189 1003 1433"> <tr> <td>Pump</td> <td>: Cast Iron / Stainless steel</td> </tr> <tr> <td>Guide claw</td> <td>: Cast Iron</td> </tr> <tr> <td>Ejector pipe</td> <td>: AISI 316L</td> </tr> <tr> <td>Air inlet pipe</td> <td>: AISI 316L</td> </tr> <tr> <td>Baseplate</td> <td>: AISI 316L</td> </tr> <tr> <td>Nuts and bolts</td> <td>: AISI 316L</td> </tr> </table>	Pump	: Cast Iron / Stainless steel	Guide claw	: Cast Iron	Ejector pipe	: AISI 316L	Air inlet pipe	: AISI 316L	Baseplate	: AISI 316L	Nuts and bolts	: AISI 316L	1				
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Air inlet pipe	: AISI 316L																	
Baseplate	: AISI 316L																	
Nuts and bolts	: AISI 316L																	

Sr. No.	Description	Unit	Air Flow Rate/ Capacity	Space Required (L m x B m)	Rate per unit (Rs)	Amount (Rs)								
	<p>Operating conditions</p> <table border="1"> <tr> <td>Liquid temperature</td> <td>: 0 °C to + 40 °C</td> </tr> <tr> <td>Liquid pH range</td> <td>: 4 -10</td> </tr> <tr> <td>Liquid density</td> <td>: < 1100 kg/m³</td> </tr> <tr> <td>Total solids content</td> <td>: < 3 %</td> </tr> </table> 	Liquid temperature	: 0 °C to + 40 °C	Liquid pH range	: 4 -10	Liquid density	: < 1100 kg/m ³	Total solids content	: < 3 %					
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Liquid pH range	: 4 -10													
Liquid density	: < 1100 kg/m ³													
Total solids content	: < 3 %													

Sr. No.	Description	Unit	Capacity (KLD)	Rate per unit (Rs)	Amount (Rs)
2	<p>Operation & maintenance cost</p> <p>It shall include total O&M cost including the electricity cost for the O & M of the unit.</p>				
i.	Submersible Aerator (Fine Bubble Diffused Aeration System)	1			
ii.	Submersible Venturi jet aerator	1			

Note:

- 1) The required site visit/inspections shall be carried out by the vendor/supplier/contractor, before providing the Techno-Commercial Offer. Only informative assistance shall be provided by VVCMC officials.

Terms and Conditions:

1. All rates shall be inclusive of all taxes.
2. The Budgetary offers shall be sent on following mail ids marked with name of the work, quotation notice number and name of the firm.
 - i. cevvcmc@gmail.com

Sd/-

Executive Engineer

Vasai Virar City Municipal Corporation

NOTICE INVITING BUDGETORY OFFER FOR FLOATING RAFTERS

Notice No: व वि श म / पा पु / श अ 213 / 2022

To Whom So Ever It May Concern

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Agencies/Contractors are therefore requested to submit the budgetary rates for below mentioned Items through email.

Sr No	Particular	Achole Talav	Chakreshwar Talav	Papadi Talav
1	Approximate area of lake (Acres)	11.01	5.96	5.82
2	Approximate : depth	5.5 m	5 m	5 m

Sr. No.	Description	Unit	Size (L m x B m)	Rate per unit (Rs)	Amount (Rs)
1	Floating Rafters				
	Floating Rafters including all accesories and supports, platform, plants suitable for Mumbai weather etc.				
i.	(Type of Rafter)	Per sq m	1 m x 1 m		

Sr. No.	Description	Unit	Size (L m x B m)	Rate per unit (Rs)	Amount (Rs)
2	Operation & maintenance cost				
	It shall include total O&M cost including the electricity cost for the O & M of the unit (if required).				
i.	(Type of Rafter)	Per month	1 m x 1 m		

Note:

- 1) The required site visit/inspections shall be carried out by the vendor/supplier/contractor, before providing the Techno-Commercial Offer. Only informative assistance shall be provided by VVCMC officials.

Terms and Conditions:

1. All rates shall be inclusive of all taxes.
2. The Budgetary offers shall be sent on following mail ids marked with name of the work, quotation notice number and name of the firm.
 - i. cevvcmc@gmail.com

Sd/-

Executive Engineer

Vasai Virar City Municipal Corporation