E-Mail – tembhumeunit@gmail.com जा.क्र./टेंउसिंयांविवप/तांशा-४/निविदा/१७४/२०१७. Phone – (02164) 271142 कार्यकारी अभियंता, टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक, ओगलेवाडी, कराड यांचे कार्यालय दिनांक:- १२/०१/२०१७.

प्रति,

मा. उपसंचालक (माहिती), विभागीय माहिती कार्यालय, मध्यवर्ती प्रशासिकय इमारत, पुणे स्टेशन, पुणे.

विषय:- जाहीरात प्रसिध्दीस देणेबाबत.

महोदय

सोबत जोडलेली जाहिरात सातारा / कराड येथून प्रसिध्द होणाऱ्या एका मराठी वृत्तपत्रात एक वेळा प्रसिध्दीस द्यावी ही विनंती. कृपया ती नेमून दिलेल्या तारखेला किंवा तत्पूर्वी प्रसिध्दीस द्यावी, ही विनंती.

१) कार्यालयाचे नाव, पत्ता व दुरध्वनी क्रमांक : कार्यकारी अभियंता, टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक,

ओगलेवाडी, कराड पिन :- ४१५१०५, फोन नं : (०२१६४) २७११४२.

२) जाहीरात प्रसिध्द होण्याचा अंतिम दिनांक : दिनांक:-२०/०१/२०१७ अथवा तत्पुर्वी

३) प्रसिध्दी कोणत्या स्तरावर आवश्यक : जिल्हा स्तरावर (सातारा Region) (प्रादेशिक/जिल्हा पातळीवर)

४) जाहीरातीचे बील कोणाच्या नावे पाठवावयाचे : कार्यकारी अभियंता, टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक, ओगलेवाडी, कराड

(५) जाहीरात किती वृत्तपत्रात प्रसिध्द करावयाची : एक "क" वर्ग मराठी दैनिक व एका व किती वेळा. साप्ताहिक वृत्तपत्रात एकाचवेळी फक्त एकवेळा. (कमीत कमी जागेत.)

६) किती वेळा जाहिरात प्रसिध्द करावयाची आहे. : एकवेळा.

आपला विश्वास्

सोबत:- जाहिरातीच्या ४ प्रती.

कार्यकारी अभियंता, टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक, ओगलेवाडी, कराड

प्रतः-मा.अधीक्षक अभियंता, यांत्रिकी मंडळ ,कोल्हापूर यांना माहीतीसाठी व वेबसाईट प्रसिध्दीसाठी सविनय सादर.

जलसंपदा विभाग (यांत्रिकी)

दरपत्रके - कामाचे अंदाजपत्रक तयार करणेकरीता

कार्यकारी अभियंता टेंभू उपसा सिंचन यांत्रिकी व विद्युत पथक, कोयना सायडींग, ओगलेवाडी, कराड, ४१५१०५ (दुरध्वनी क्र.२७११४२) हे खाली दर्शविलेल्या कामाकरिता नोंदणीकृत यांत्रिकी कंत्राटदाराकडून व मुळ साहित्य निर्मात्यांकडून कार्यालयीन कामासाठी सर्व कर समावेशक अंदाजपत्रकीय दरपत्रके मागविण्यात येत आहेत. संबंधीतांनी हि जाहिरात प्रसिद्ध झाल्यापासून अंदाजपत्रकीय दरपत्रके दि. २०/०१/२०१७ पासून ३०/०१/२०१७. पर्यंत कार्यालयीन वेळेत सादर करावीत. सदर कामाच्या बाबीचा सविस्तर तपशील www.mahayantriki.gov.in या वेबसाईट वर उपलब्ध आहे.

अ. क्र.	तपशील	परिमाण	दर	रुपये
₹.	टेंभू उपसा सिंचन टप्पा क्र. २ येथील किर्लोस्कर मेक बी. एच. आर. ९५ मॉडेल सिंगल स्टेज, १४०० एच. पी. व्ही. टी. पंपाच्या इंटरमिजीएट बेअरींग बुश व बाऊल बेअरींग बुश करिता आवश्यक मापानुसार ट्रान्सफर मोर्ल्डींग प्रोसेस व केमीकल बॉडींग पध्दतीने निओप्रीन रबर बुश नवीन तयार करून बसविणे इ. मटेरियल मजूरी व वाहतूक खर्चासह दर मागविणेबाबत.	5 Nos		
۶.	टेंभू उपसा सिंचन टप्पा १ A येथे ६५ Shore Hardness असणारे आवश्यक मापानुसार जोड विरहित high nitrile Rubber O ring यांची निर्मिती, पुरवठा इ. कामासाठी सर्व खर्चासह दरपत्रक मागविणेबाबत.	120 Nos		
₹.	टेंभू उपसा सिंचन टप्पा १ B येथील १ ते १८ BHR ९५, २२०० HP किर्लोस्कर मेक V.T च्या Air Vent pipe साठी Seamless pipe (ID =75mm OD =87mm T =6 mm) व pipe जोण्यासाठी लागणारे Seamless short bend यांच्या निर्मिती, पुरवठा उभारणी इ. कामासाठी सर्व करा सिंहत दरपत्रक मागविणेबाबत.	72 Mtrs 36 nos		
٧.	टेंभू उपसा सिंचन (Stage 1B \$\phi2500mm,3A \$\phi2500mm, 3B \$\phi2200mm) व पुणदी (Stage-1 \$\phi1000mm) विसापुर (Stage-1B \$\phi1140mm) उपसा सिंचन येथे Electromagnetic Flowmeter यांचा निर्मिती, पुरवठा उभारणी इ. कामासाठी सर्व खर्चासह दरपत्रक मागविणेबाबत.	5 Nos 1Each		

वरील सादर केलेली कामे अंदाजपत्रकीय कार्यवाहीसाठी असून प्रत्यक्ष कामाच्या आदेशाशी त्याचा काहीही संबंध नाही.

कार्यकारी अभियंता, टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक, ओगलेवाडी, कराड.

To,			

No/TLIMEU/OK/TS-4/

Office of the Executive Engineer, Tembhu Lift Irrigation Mech. & Elect. Unit, Koyna Siding, Oglewadi, Karad. Dist-Satara. Pin- 415 105. Date: / /201

To,				
M/s	1)_			
	2)			
	3)			

Sub: - Regarding Budgetary Offers.

/Of 2016

Dear Sirs,

With respect to above subject, you are requested to submit your budgetary offers for the work as per description given below for **Tembhu Lift Irrigation Stage II**, **Tq. Karad Dist. Satara**. The rates should be inclusive of all taxes, duties, transportation, etc. The budgetary offers should be submitted to this office within 10 days during working hours.

Thanking you.

Sr. No.	Description	Qty	Rate	Amt
	To carry out the job work of providing, processing of neoprene rubber bush for Transfer Moulding process; chemical bonding Max load <0.02416 kg/mm ² , internally & externally turned, mould charges, etc. Complete job to provided tin Bronze bush			
	including material, labour, workshop charges etc complete for single stage 1400 HP VT Pump at Tembhu stage-2 a. Intermediate Bearing Bush of OD -144 MM, ID= 130 mm, L-250mm, grooves shape-U, in circular type with	4 Nos		
	sharp edge round off. b. Bowl bearing bush of OD-179 mm, ID-131mm, L-320mm, groove shape-U, in circular type with sharp edge round off.	1 Nos		

Yours faithfully,

Executive Engineer,
Tembhu Lift Irrigation Mechanical & Electrical Unit,
Ogalewadi – Karad.

Copy submitted to the Superintending Engineer, Mechanical Circle (C.P.), Kolhapur, for information & necessary action please. It is requested to upload this offer on official website of department.

No/TLIMEU/OK/TS-4/

/Of 2016

Office of the Executive Engineer, Tembhu Lift Irrigation Mech. & Elect. Unit, Koyna Siding, Oglewadi, Karad. Dist-Satara. Pin- 415 105.

/ /201

To,					
M/s	1)_				
	2)				
	2)				

Sub: - Regarding Budgetary Offers.

Dear Sirs,

With respect to above subject, you are requested to submit your budgetary offers for the work as per description given below for **Tembhu Lift Irrigation Stage IA**, **Tq. Karad Dist. Satara**. The rates should be inclusive of all taxes, duties, transportation, etc. The budgetary offers should be submitted to this office within 10 days during working hours. Thanking you.

Date:

Sr. No.	Description	Qty	Rate	Amt
	To carry out the job work required for manufacturing, providing			
	& supplying black "joint less" high nitrile rubber 'O' ring with			
	hardness 65 (+/- 2%) of following dimension at Tembhu LIS			
	stage 1A.	110 Nos.		
	a. Inner Diameter of 'O' ring – 1160 mm			
	Thickness – 7 mm	10 Nos		
	b. Inner Diameter of 'O' ring – 1135 mm			
	Thickness – 7 mm			

Yours faithfully,

Executive Engineer,
Tembhu Lift Irrigation Mechanical & Electrical Unit,
Ogalewadi – Karad.

Copy submitted to the Superintending Engineer, Mechanical Circle (C.P.), Kolhapur, for information & necessary action please. It is requested to upload this offer on official website of department.

No/T	LIMEL	I/OK/TS	-4/
110/1			77/

/Of 2016

Office of the Executive Engineer, Tembhu Lift Irrigation Mech. & Elect. Unit, Koyna Siding, Oglewadi, Karad. Dist-Satara. Pin- 415 105. Date: / /201

To,				
M/s	1)_			
	2)			
	- a(-		 	

Sub: - Regarding Budgetary Offers.

Dear Sirs,

With respect to above subject, you are requested to submit your budgetary offers for the work as per description given below for **Tembhu Lift Irrigation Stage II**, **Tq. Karad Dist. Satara**. The rates should be inclusive of all taxes, duties, transportation, etc. The budgetary offers should be submitted to this office within 10 days during working hours.

Thanking you.

Sr. No.	Description	Qty	Rate	Amt
1.	To carry out the job work required for manufacturing, supplying seamless pipe of ID=75mm, OD = 87mm & thickness 6mm for air vent pipe of VT pump no. 1 to 18 @ Tembhu 1B	72 Mtrs.		
2.	Providing & supplying 3" M.S. short bend for joining seamless pipe of Air vent.	36 nos.		

Yours faithfully,

Executive Engineer,
Tembhu Lift Irrigation Mechanical & Electrical Unit,
Ogalewadi – Karad.

Copy submitted to the Superintending Engineer, Mechanical Circle (C.P.), Kolhapur, for information & necessary action please. It is requested to upload this offer on official website of department.

No/TLIMEU/OK/TS-4/	/Of 2016	Office of the Executive Engineer, Tembhu Lift Irrigation Mech. & Elect. Unit Koyna Siding, Oglewadi,
		Karad. Dist-Satara. Pin- 415 105. Date: / /201
To, M/s 1)		Date. / /201
2)		

Sub: - Regarding Budgetary Offers.

Dear Sirs,

With respect to above subject, you are requested to submit your budgetary offers for the work as per description given below for **Tembhu Lift Irrigation Stage II**, **Tq. Karad Dist. Satara**. The rates should be inclusive of all taxes, duties, transportation, etc. The budgetary offers should be submitted to this office within 10 days during working hours.

Minimum Conductivity more than 150 Micro Siemens	Dat	tasheet for WEB Based Electromagnetic Fl	owmeter
Repeatability	Ger	neral	
Flow Sensor 3 Application Raw Water Pumping Main Treated Water Pumping Main Treated Water Supply Main Treated Water Supply Main Treated Water Supply Main Treated Water Supply Main Flow Rate, Totalised Flow & Online Conductivity In Line Full Bore Electromagnetic Size Of Flow Tube Same as pipe Size / Required Size 25 NB to 2400 NB Sensor Type Pulsed DC electromagnetic Planged Process Connection Flanged Power (Micro Siemens/centimeter) (Drinking Water more than 150 Micro Siemens) 12 Full Scale Velocity O.4 to 10 m/s 460 Deg C Max 14 Process Pressure 10 Bar 16 Dar Power-coated die-cast aluminum Anti corrosive grade / Painted Steel with protective lacquering (corrosion protection class I) Flanges Carbon Steel with protective lacquering Grounding Rings In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit Microprocessor based with facility to configure the range Power-coated with facility to configure the range Process Passed Process Process Process Passed Proces	1	Basic Accuracy of Flow measurement	+/- 0.5% Of Measured Value
Raw Water Pumping Main Treated Water Pumping Main	2	Repeatability	max. ±0.1 % o.r. ± 0.5 mm/s (0.02 in/s)
Treated Water Pumping Main Treated Water Supply Main 4 Measurement Flow Rate, Totalised Flow & Online Conductivity 5 Type In Line Full Bore Electromagnetic 6 Size Of Flow Tube Same as pipe Size / Required Size 7 Available Sizes 25 NB to 2400 NB 8 Sensor Type Pulsed DC electromagnetic 9 Process Connection Flanged 10 Weather Protection Class IP68 as per IS 13947 11 Minimum Conductivity 12 Full Scale Velocity Process Temperature + 60 Deg C Max 14 Process Pressure 10 Bar 15 Material Of Construction Electrodes SS 316 Coil Housing Coil Housing Flanges Carbon Steel with protective lacquering (corrosion protection class I) Flanges Grounding Rings In built Grounding Electrode SS316L Flow Tube Flow Tube Lining Microprocessor based with facility to configure the rang	Flo	w Sensor	
Treated Water Supply Main 4 Measurement Flow Rate, Totalised Flow & Online Conductivity In Line Full Bore Electromagnetic Size Of Flow Tube Same as pipe Size / Required Size 7 Available Sizes 25 NB to 2400 NB 8 Sensor Type Pulsed DC electromagnetic Process Connection Flanged Weather Protection Class IP68 as per IS 13947 Minimum Conductivity Process Temperature 10 Jeful Scale Velocity 11 Full Scale Velocity 12 Full Scale Velocity 13 Process Temperature 14 Process Pressure 15 Material Of Construction Electrodes SS 316 Coil Housing Powder-coated die-cast aluminum Anti corrosive grade / Painted Steel with protective lacquering (corrosion protection class I) Flanges Grounding Rings In built Grounding Electrode SS316L Flow Tube Flow Tube Flow Tube Lining Microprocessor based with facility to configure the rang Microprocessor based with facility to configure the rang	3	Application	Raw Water Pumping Main
How Rate, Totalised Flow & Online Conductivity			Treated Water Pumping Main
Solution Type In Line Full Bore Electromagnetic			Treated Water Supply Main
6 Size Of Flow Tube 7 Available Sizes 8 Sensor Type 9 Process Connection 10 Weather Protection Class 11 Minimum Conductivity 12 Full Scale Velocity 13 Process Temperature 14 Process Pressure 15 Material Of Construction 16 Electrodes 17 Elanges 18 Same as pipe Size / Required Size 25 NB to 2400 NB 19 Pulsed DC electromagnetic 19 Process Connection 10 Weather Protection Class 11 Pf68 as per IS 13947 11 Minimum Conductivity 12 Full Scale Velocity 13 Process Temperature 14 Process Pressure 15 Material Of Construction 16 Electrodes 17 Electrodes 18 Size Of Flow Tube 19 Powder-coated die-cast aluminum Anti corrosive grade of Painted Steel with protective lacquering (corrosion protection class I) 19 Flanges 10 Carbon Steel with protective lacquering 10 Flow Tube 11 Flow Tube 12 Flow Tube Lining 13 Flow Transmitter Unit 14 Process Pressure 15 Material Of Construction 16 Type 17 Microprocessor based with facility to configure the range of Microprocessor based with facility to configure the range of Powder-coated with facility to configure the range of Powder-coated die-cast aluminum Anti corrosive grade of Powder-coated die-cast aluminum A	4	Measurement	Flow Rate, Totalised Flow & Online Conductivity
7 Available Sizes 25 NB to 2400 NB 8 Sensor Type Pulsed DC electromagnetic 9 Process Connection Flanged 10 Weather Protection Class IP68 as per IS 13947 11 Minimum Conductivity Dinking Wat more than 150 Micro Siemens/centimeter) (Drinking Wat more than 150 Micro Siemens) 12 Full Scale Velocity 0.4 to 10 m/s 13 Process Temperature + 60 Deg C Max 14 Process Pressure 10 Bar 15 Material Of Construction Electrodes SS 316 Coil Housing Powder-coated die-cast aluminum Anti corrosive grade / Painted Steel with protective lacquering (corrosion protection class I) Flanges Carbon Steel with protective lacquering Grounding Rings In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit Microprocessor based with facility to configure the rang	5	Туре	In Line Full Bore Electromagnetic
Sensor Type	6	Size Of Flow Tube	Same as pipe Size / Required Size
Process Connection Flanged	7	Available Sizes	25 NB to 2400 NB
10 Weather Protection Class IP68 as per IS 13947 ≥ 50 μS/cm (Micro Siemens/centimeter) (Drinking Wat more than 150 Micro Siemens) 12 Full Scale Velocity 13 Process Temperature 14 Process Pressure 15 Material Of Construction Electrodes SS 316 Coil Housing Coil Housing Powder-coated die-cast aluminum Anti corrosive grade / Painted Steel with protective lacquering (corrosion protection class I) Flanges Carbon Steel with protective lacquering Grounding Rings In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube Lining Flow Transmitter Unit Microprocessor based with facility to configure the rang	8	Sensor Type	Pulsed DC electromagnetic
Minimum Conductivity	9	Process Connection	Flanged
Minimum Conductivity more than 150 Micro Siemens	10	Weather Protection Class	IP68 as per IS 13947
13 Process Temperature	11	Minimum Conductivity	$\geq 50~\mu S/cm$ (Micro Siemens/centimeter) (Drinking Water - more than 150 Micro Siemens)
14 Process Pressure 15 Material Of Construction Electrodes SS 316 Coil Housing Powder-coated die-cast aluminum Anti corrosive grade / Painted Steel with protective lacquering (corrosion protection class I) Flanges Carbon Steel with protective lacquering Grounding Rings In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit Microprocessor based with facility to configure the rang	12	Full Scale Velocity	0.4 to 10 m/s
Material Of Construction Electrodes SS 316	13	Process Temperature	+ 60 Deg C Max
Electrodes SS 316 Powder-coated die-cast aluminum Anti corrosive grade / Painted Steel with protective lacquering (corrosion protection class I) Flanges Carbon Steel with protective lacquering Grounding Rings In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit Microprocessor based with facility to configure the rang	14	Process Pressure	10 Bar
Coil Housing Powder-coated die-cast aluminum Anti corrosive grade / Painted Steel with protective lacquering (corrosion protection class I) Flanges Carbon Steel with protective lacquering Grounding Rings In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit Microprocessor based with facility to configure the rang	15	Material Of Construction	
Coil Housing Painted Steel with protective lacquering (corrosion protection class I) Flanges Carbon Steel with protective lacquering In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit Microprocessor based with facility to configure the rang		Electrodes	SS 316
Grounding Rings In built Grounding Electrode SS316L Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit 16 Type Microprocessor based with facility to configure the rang		Coil Housing	
Flow Tube SS304 Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit 16 Type Microprocessor based with facility to configure the rang		Flanges	Carbon Steel with protective lacquering
Flow Tube Lining Hard Rubber / Polyurethane with WRS Drinking Water Approval Flow Transmitter Unit 16 Type Microprocessor based with facility to configure the rang		Grounding Rings	In built Grounding Electrode SS316L
Flow Tube Lining Approval Flow Transmitter Unit 16 Type Microprocessor based with facility to configure the rang		Flow Tube	SS304
16 Type Microprocessor based with facility to configure the rang		Flow Tube Lining	
	Flo	w Transmitter Unit	·
17 Type of Display Backlit, 4-line, 3 optical kevs (Touch control)	16	Туре	Microprocessor based with facility to configure the range
	17	Type of Display	Backlit, 4-line, 3 optical keys (Touch control)

18	Transmitter Type	Remote Wall Mounted	
19	Units For Display	Flow Rate m3/Hr , Totalised Flow ML & Electrical online Conductivity	
20	Input	From Flow Tube	
21	Operation	 Via local display, – Via web browser, – Via HART handheld (No special S/W required) 	
22	Output propational to Flow rate	Current output (0/4–20 mA HART); pulse/frequency/switch output (2); status input	
23	Power supply	85 VAC to 260 VAC , 45 - 65 Hz - Option - 11 to 40 V DC	
24	Self diagnostic feature	Required	
25	Enclosure material	Non corrosive, polycarbonate	
26	Communication	HART, integrated web server and service interface via RJ45 Ethernet,	
27	Memory	100% secure data storage with HistoROM concept	
28	Weather Protection Class	IP 66/67 (NEMA 4X)	
29	Turndown	1000/1	
Cal	Calibration		
	Calibration Method - Gravimetric Method ISO 4185 - All test equipment fully traceable to national and international standards		
	Accredited by national authorities according to ISO/IEC 17025, i.e. by the SAS (Swiss Accreditation Service) in cooperation with the NABL (National Accreditation Board for Testing and Calibration Laboratories / India)		

Line Sizes for scheme are as follows:

Tembhu Stage 1A,1B,3A - DN ϕ 1100mm

Pundi Stage 1 – DN \$550mm

Visapur Stage 1B – DN \(\phi 600mm \)

Thanking you.

Yours faithfully,

Executive Engineer,
Tembhu Lift Irrigation Mechanical & Electrical Unit,
Ogalewadi – Karad.

Copy submitted to the Superintending Engineer, Mechanical Circle (C.P.), Kolhapur, for information & necessary action please. It is requested to upload this offer on official website of department.