

प्रति,

मा. सहाय्यक संचालक ,
जाहिरात प्रशासन माहिती व जनसंपर्क महासंचनालय
नवीन प्रशासकीय भवन, १७ वा मजला,
मादाम कामा मार्क, हुतात्मा राजगुरु चौक , मंत्रालय समोर ,
मुंबई - ३२

विषय :- जाहीरात प्रसिध्दीस देणेबाबत.

महोदय,

सोबत जोडलेली जाहिरात प्रादेशिक स्तरावर प्रसिध्द होणा-या वृत्तपत्रातून एक वेळा प्रसिध्दीस द्यावी ही विनंती.
कृपया ती नेमून दिलेल्या तारखेला किंवा तत्पूर्वी प्रसिध्दीस द्यावी, ही विनंती.

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| 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:- २०/०८/२०१८ अथवा तत्पूर्वी |
| ३) प्रसिध्दी कोणत्या स्तरावर आवश्यक
(प्रादेशिक/जिल्हा पातळीवर) | : प्रादेशिक स्तरावर |
| ४) जाहीरातीचे बील कोणाच्या नावे पाठवावयाचे | : कार्यकारी अभियंता, टेंभु उपसा सिंचन
यांत्रिकी व विद्युत पथक, ओगलेवाडी, कराड |
| ५) जाहीरात किती वृत्तपत्रात प्रसिध्द करावयाची
व किती वेळा. | : अ वर्ग दैनिक मराठी व इंग्रजी दैनिक एकाचवेळी, फक्त एकवेळा.
(कमीत कमी जागेत.) |
| ६) किती वेळा जाहिरात प्रसिध्द करावयाची आहे. | : एकवेळा. |

आपला विश्वासू

सोबत :- जाहिरातीच्या ४ प्रती.

(अं.का.जाधव)
कार्यकारी अभियंता,
टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक,
ओगलेवाडी, कराड

प्रत :-मा.अधीक्षक अभियंता, यांत्रिकी मंडळ ,कोल्हापूर यांना माहितीसाठी व वेबसाईट प्रसिध्दीसाठी सविनय सादर.

जलसंपदा विभाग (यांत्रिकी)
दरपत्रके - कामाचे अंदाजपत्रक तयार करणेकरीता

कार्यकारी अभियंता टेंभू उपसा सिंचन यांत्रिकी व विद्युत पथक, कोयना सायडिंग, ओगलेवाडी, कराड, ४१५१०५ (दुरध्वनी क्र.२७११४२) खालील कामांकरीता अंदाजपत्रकीय कार्यवाहीसाठी सर्व कर समावेशक अंदाजपत्रकीय दरपत्रके मागविण्यात येत आहेत. संबंधीतांनी हि जाहिरात प्रसिद्ध झाल्यापासून अंदाजपत्रकीय दरपत्रके दि. 20/08/2018 पासून 04/09/2018 पर्यंत कार्यालयीन वेळेत सादर करावीत. सदर कामाच्या बाबीचा सविस्तर तपशील www.mahayantriki.org या वेबसाईट वर उपलब्ध आहे.

अ.क्र.	तपशील	परिमाण	दर	रुपये
१	टेंभू उपसा सिंचन योजना टप्पा क्र.१ अ, टेंभू तालूका कराड जिल्हा सातारा येथील ७ पंपाकरिता ६.६ के.व्ही. एच. टी. मोटर फ़िडर पॅनेल चा पुरवठा, उभारणी, कारखाना चाचणी, कार्यस्थाळावर चाचणी व कार्यान्वितीकरण करणे/जुन्या ठिकाणी बदलणे इ.च्या कामाचे सर्व करांसहित, लोडिंग-अनलोडिंग, विमा इ. सह कामाचे दरपत्रक मागविणे.	७ पॅनेल		
२	टेंभू उपसा सिंचन प्रकल्पांच्या पंप गृहातील एच.टी.मोटर, कॅपॅसीटर, सॉफ्ट स्टार्टर पॅनेल करिता विविध विद्युत साहित्यांचा पुरवठा करणे/कामे करणे.	१ जॉब		

उपरोक्त नमूद दरपत्रके ही फक्त अंदाजपत्रकीय कार्यवाहीसाठी मागविण्यात येत आहेत.

(अं.का.जाधव)
कार्यकारी अभियंता,
टेंभू उपसा सिंचन यांत्रिकी व विद्युत पथक,
ओगलेवाडी, कराड.

WATER RESOURCES DEPARTMENT (MECHANICAL)
BUDGETORY OFFER FOR ESTIMATION PURPOSE

The Budgetary offer for the below mentioned works are invited by Executive Engineer, Tembhu LIS Mech. & Ele. Unit Ogalewadi ,Karad from contractors or electrical manufacturers of the same work. The concerned contractors are requested to submit their lowest and most competitive offer to this office from date **20/08/2018 to 04/09 /2018**. The work details are available for www.mahayantriki.org website.

Sr.No	Description	Qty	Rate	Amt
1	Replacement/Manufacturing, providing, fitting, erection, testing & trial as per relevant IS and commissioning of Indoor, Floor mounting type H.T. Motor Feeder Panel, 7.2 kV class as per specification given along with including all required material, instruments, labour, workshop charges, sundry charges, testing charges, handling charges, all allied works at site etc complete job for Tembhu LIS Stage 1A, at Tembhu, Tal: Karad, Dist: Satara	7 Panels		
2	Supplying/erecting various electrical material for 6.6 kV motors, capacitors, soft starters at Tembhu LIS project.	1 Job		

NOTE: Above budgetary offers are called for estimation purpose only.

(A.K.Jadhav)
Executive Engineer,
Tembhu Lift Irrigation Mechanical & Electrical Unit,
Ogalewadi – Karad.

To,

M/s 1) _____
 2) _____
 3) _____

Sub: - Regarding Budgetary Offers.

Dear Sir,

In connection with the above, we are in Water Resources Department working under Govt. of Maharashtra and are entrusted with the work of Lift Irrigation Schemes to supply water for drought area.

Sealed & Super scribed budgetary offers are invited here with for following work.

Name of Work – Replacement/Manufacturing, providing, fitting, erection, testing & trial as per relevant IS and commissioning of Indoor, Floor mounting type H.T. Motor Feeder Panels (7 Nos), 7.2 kV class as per specification given along with including all required material, instruments, labour, workshop charges, sundry charges, testing charges, handling charges, all allied works at site etc complete job for Tembhu LIS Stage 1A, at Tembhu, Tal: Karad, Dist: Satara

Sr. No	DESCRIPTION	Qty
1	<p>Item No.1: To carry out the job work of manufacturing, providing, fitting, erection, testing & trial as per relevant IS and commissioning of Indoor, Floor mounting type H.T. Motor feeder Panel , 7.2 kV class with sheet steel, Al bus bars of 4000A including all required material, instruments, labour, workshop charges, sundry charges, testing charges, handling charges, all allied works to match existing busbars, motor feeder panels and cable entry openings at site etc complete job for Tembhu LIS Stage 1A, at Tembhu, Tal: Karad, Dist: Satara having following materials and specifications :</p> <p>1) Draw out type vacuum circuit-Breaker suitable for installation on 6.6 kV, 3 phase, 50 Hz. A.C system with rated current of 800 A and S.C. breaking current 40 kA with motor charged spring closing mechanism and facility for remote operation. The breaker shall be suitable for withstanding current surges caused by 3 Nos. of capacitor banks being used for improving the P.F Qty – 1Nos</p> <p>2) Single phase 2 core current transformers of ratio 250/1-1 A, One core for metering class -1 accuracy 30 VA burden, and the other for protection class-5 P-20 accuracy, 20</p>	7 panels

VA burden, with a short time current rating of 40 KA for 1 second. Qty – 3Nos /panel
3)Spring back type TRIP, NEUTRAL, CLOSE, Contactor Control Switch. Qty – 1 Set
4)Indicating lamps Red/Green/Amber for contactor On/Off/Auto Trip indications, rated for 220 volts D.C. Qty – 3Nos
5) Trip circuit supervision relay with White indicating lamp for trip circuit healthy indication suitable for 220 volts D.C. Qty – 1Nos
6) Panel mounting type digital ammeter having Three and half digit LED display, external C.T. operated, calibrated 0 to 200 A, AC. Qty – 1Nos
7) Local Remote selector Switch with locking arrangement – 1Nos
8)High speed tripping relay. Qty – 1Nos
9) Protection relays for following: <ul style="list-style-type: none"> I. Static/ Numerical comprehensive motor protection relay consisting all motor protections (relay subject to approval by corporation) II. Static type capacitors earth fault relay. III. Under voltage relay with setting from 60 to 117 volts with time lag setting. IV. Time delay relays. Qty – 1 Set
10) Interlock for contactor operation with valve suitable for starting/stopping of pumps. Qty – 1 Set
LOGIC:
<p>I) The valve shall start opening, only when respective pump motor has reached its full speed in starting sequence. While stopping the motors the respective valve, shall close first and then the motor (This sequence may be suitably modified to suit the pump characteristics)</p> <p>II) The contactor controlling main motor cannot be switched. 'ON' unless prelubrication to the line shaft bearings is achieved for pre set time.</p> <p>III) The contactor controlling main motor should get tripped, if even after motor's attaining full speed, the valve does not start opening.</p>
11) Cable termination arrangement suitable for terminating Aluminum 'XLPE' cables required size for motor and capacitor. Qty – 1 Set
12) Remote/local, selector switch with locking arrangement. Qty – 1 No.
13) Auxiliary relays, timers, terminals A.C. and D.C. fuses etc. as required. Qty – 1 Set
14)Hour meter one on each motor panel and spare panel operating on 230/110 V.A.C. Supply. Qty – 1 No.
15) Supplying and erecting Intelligent flush mounted Maximum Demand Controller panel meter three phase four wire 50-550 V Phase to phase Aux Supply 90-300VAC/DC CT secondary site selectable 1A/5A, CT /PT site programmable, class 1 Flush mounted

96 x 96 mm meter, Datalog 8MB, 4 realy output Time of Day (TOD) 6 slots available, block / sliding window site selectable with V, A, F, kW, kVA, kVA_r, kWh, kVAh, kVA_{rh}, PF etc in LCD multi function meter with LCD display complete class -1 accuracy with RS 485 communication protocol with wiring connections and mounting hardware Qty – 1Nos

Note: Latest updated versions of equipments/meters/relays will be preferred

TECHNICAL SPECIFICATIONS

(A) SYSTEM PARAMETERS

1.	RATED VOLTAGE	6600V
2.	RATED FREQUENCY	50HZ
3.	SYSTEM NEUTRAL	EFFECTIVELY EARTHED
4.	FAULT LEVEL	40 KA
5.	DEGREE OF PROTECTION AS POER IS 3427:1969	IP4X FOR EXTERNAL ENCLOSURE

(B) CONTROL SUPPLY VOLTAGES

1.	CLOSING COIL	220V DC
2.	TRIPPING COIL	220V DC
3.	INDICATION CKT.	220V DC
4.	PANEL SPACE HEATER	230V AC
5.	SPR CHARGE MOTOR	220V DC

(C) GENERAL NOTES

1.	Inter panel wires shall be supplied with the panel, to be connected at site.
2.	All doors will be earthed by flexible copper braid.
3.	Panel shall be painted inside and outside with shade 631 of IS-5.
4.	Neoprene gaskets shall be provided at opening door.
5.	Electrical & mechanical interlock shall be provided between line capacitor feeder and it's respective motor feeder such that when only line capacitor is on, it's motor should not be made on independently.
6.	230V AC & 220V DC control supply shall be received at incomers & same shall be distributed by bus wiring to other panels.
7.	Mech. operated emergency stop push button shall be provided for VCB panels only.
8.	HT Motor feeder panel cubicle size : (H)1900 mm x(W)700mm x(D)1900mm

(D) MAIN HORIZONTAL BUSBARS

1.	RATED CURRENT	4000 A
2.	SHORT TIME RATING	40 KA FOR 3 SEC

3.	MATERIAL OF BUSBARS	ELECTROLYTIC ALUMINIUM
4.	INSULATION OF BUSBARS	FULLY INSULATED WITH HEAT SHRINKABLE POLYLEFIN SLEEVES

(E) EARTH BAR

1.	MATERIAL OF EARTH BUS	COPPER
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(F) WIRING

1.	All control wiring shall be of adequate capacity & all outgoing circuits shall be wired upto terminal blocks, for external connections.
2.	Wires shall be properly colour coded & ferruled, to distinguish different circuits.
3.	They shall be neatly routed through PVC channels of adequate size.
4.	All control wiring shall be carried out with 1.1KV, grade, 1.5/2.5sq.mm., PVC insulated, copper wires.

(G) PANELS

1.	All breakers, relays, meters and instruments shall be compatible for digital remote monitoring.
2.	Any advanced technology in order to optimize operation, control, monitoring and protection other than specified here shall be introduced.
3.	The panels shall be indoor, free standing type, fully compartmentalized and properly ventilated.
4.	It shall be totally enclosed dust and vermin proof.
5.	Fixed main disconnect contacts in Panel housing shall be provided with automatic safety shutters, to cover the high voltage circuit. Means shall be provided to operate shutters by a handle or knob, on the front of the panel.
6.	It shall be made out of at least 10 SWG sheet steel, suitably reinforced to provide flat level surface, resistant to vibration, rigid, during transportation and installation.
7.	Doors & removable covers may be of 14 SWG sheet.
8.	All panel surfaces to be painted shall be first chemically treated to remove all rust, scale and then two coats of Zinc primer shall applied.
9.	Motor feeder VCB should have surge suppressor.

(H) TESTS

1.	The switch gear assembly and all other components; like vacuum circuit breaker, C.T., P.T., Relays, etc. shall be tested for all type and routine tests, as per latest editions of relevant Indian Standard/ International standards.
2.	In case, type test reports on similar equipment are available.
3.	All routine tests as per relevant standards shall be conducted on the assembly and the various components.
4.	Heat run test for temperature range & time for VCB.
5.	All test reports, operating manuals of breakers, measuring instruments, relays etc shall be submitted
6.	As build drawing in 4 copies shall be submitted.
7.	All functional tests, relay testings at factory/site.

(I) Acceptable makes

1	HT Panel	SIEMENS/ABB/CGL /Andrew Yule/Jyoti JSL
1	Vacuum Circuit breaker	SIEMENS/ABB/CGL /Andrew Yule
2	Current transformer/Potential transformer	CGL/ /Jyoti(JSL)/ A.E./ Kappa
3	Control switches/Indicating	CGL/SALZER/L&T/KAYCEE/SIEMENS/EE/CS

	lamps	
4	Measuring instruments	AE/IMP/Rishab
5	Relays	SIEMENS/L&T/ABB / Essun - Reyroll (E&R)
Note: Makes shall be mentioned in each item. Subject to approval.		

TERMS AND CONDITIONS:-

- 1) **Panel should match with existing busbar and panel system as well as opening of cable entry and with necessary modifications.**
- 2) Work is to be executed at Tembhu LIS stage 1A, Tembhu, Tq. Karad, Dist- Satara, State -MAHARSHTRA
- 3) The rates quoted should be inclusive of all duties, Transportation, insurances, other relevant state/central taxes, if any, etc, but excluding GST. The payment of GST shall be made as per prevailing guidelines issued by Government.
- 4) Any other latest improvement regarding the features, makes and models will be preferred.

Hence you are requested to furnish the lowest budgetary prices at the earliest.

Thanking you.

Yours faithfully,

(A.K.Jadhav)

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.
Office Notice Board.

Office of the Executive Engineer,
Tembhu L.I.Mech. & Elect Unit,
Ogalewadi, Tal.Karad,
Dist.Satara
Date :-

To,

- 1)
- 2)
- 3)

Sub :- Regarding Budgetary Offers

Dear Sir,

In connection with the above, we are in Water Resources Department working under Govt. of Maharashtra and are entrusted with the work of Lift Irrigation Schemes to supply water for drought area.

Sealed & Super scribed budgetary offers are invited here with for following work.

Name of the Work : Supplying/erecting various electrical material for 6.6 kV motors, capacitors, softstarters at Tembhu LIS project.

Sr. No.	Name of Work	Qty	Rate	Amount
1	Supply, Erecting, Testing and Commissioning of FCMA coil for FCMA neutral soft starter of "INNOVATIVE TECHNOMIOC" make for 6.6 KV 1505 KW Motor of VT Pump at Tembhu Stage III A Mahuli for			
	i) Pump No. 6	3 coils		
	ii) Pump No. 14	1 coil		
2	Supplying Tripping Coil for 6.6 KV, 400 A Vacuum Contactor of HT motor feeder panel.	7 Nos.		
3	Supplying supporting insulators of bus bar conductor for 6.6kV capacitor/HT panels	9 Nos.		
4	Neoprene panel door gasket	242 M		
5	Manufacturing & Providing of Insulator Supporting Plate of Bakelite Having ID = 67 MM,OD = 145 MM, t = 6 MM and Neoprene Rubber Gasket having ID = 65 MM,OD = 98 MM & t = 4 MM for CGL make 1505 Kw, 6.6 Kv Motor at Tembhu LIS stage 1A Including all charges.	25 Nos.		
6	To carryout the job work for Repairs and Maintenance of 30/5 Ton capacity of EOT Crane for following items at Tembhu LIS stage 1A, Tal:- Karad, Dist- Satara.			
A	MH MOTOR COMPONENTS			
1)	Providing and fitting of 63 amp,110 V Down Contactor	01 No.		
2)	32 amp 110 V Resistance Box Contactor	02 Nos.		
3)	Providing and fitting of 10 amp,110 V Timer	01 No.		
4)	Providing and fitting of 16 amp,110 V Add-ON Block	01 No.		
5)	Providing and fitting of 32 amp,110 V Overload Relay	01 No.		
6)	Providing and fitting of key switch	01 No.		
7)	Providing and fitting of 16 amp,110 V Fuse	02 Nos.		
8)	Repairing of Resistance Box by means of Removing, Cleaning,Re-fitting,Replacing material like Coil, Washer, Lug,Nut,Bolt & Resistance Plate.	01 Job.		
B	AH MOTOR COMPONENTS			
1)	Providing and fitting of Limit Switch	01 No.		

2)	Providing and fitting of 10 amp,110 V Timer	01 No.		
3)	Providing and fitting of 16 amp,110 V Add-ON Block	01 No.		
4)	Providing and fitting of 16 amp,110 V Fuse	02 Nos.		
5)	Repairing of Resistance Box by means of Removing, Cleaning, Re-fitting, Replacing material like Coil, Washer, Lug, Nut, Bolt & Resistance Plate.	01 Job.		
C	LT MOTOR COMPONENTS			
1)	Providing and fitting of 16 amp,110 V Contactor	01 No.		
2)	Providing and fitting of 10 amp,110 V Timer	01 No.		
3)	Providing and fitting of 16 amp,110 V Add-ON Block	01 No.		
4)	Providing and fitting of 16 amp,110 V Fuse	02 Nos.		
5)	Repairing of Resistance Box by means of Removing, Cleaning, Re-fitting, Replacing material like Coil, Washer, Lug, Nut, Bolt & Resistance Plate.	01 Job.		
D	CT MOTOR COMPONENTS			
1)	Repairing of Break	1 Job		
2)	Providing and fitting of 10 amp,110 V Timer	01 No.		
3)	Providing and fitting of 16 amp,110 V Add-ON Block	01 No.		
4)	Repairing of Resistance Box by means of Removing, Cleaning, Re-fitting, Replacing material like Coil, Washer, Lug, Nut, Bolt & Resistance Plate.	01 Job.		

TERMS AND CONDITIONS:-

- 1) a) Material of Sr.No. 2,3,4,5 is to be supplied at Ogalewadi, Tal. Karad, Dist- Satara State -MAHARASHTRA
b) Work of Sr.No. 1 is to be carried out at Tembhu LIS stage 3A, Mahuli Tal: Khanapur Dist:Sangli
c) Work/material of Sr.No. 5 is to be carried out at Tembhu LIS stage 1A, Tembhu Tal: Karad, Dist:Satara
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, but **exclusive of GST** etc.
- 3) The material should be as per relevant IS specification.
- 4) This budgetary offer is called for estimation purpose only.

Hence you are requested to furnish the lowest budgetary prices at the earliest.

Thanking you,

Yours faithfully,

(A.K.Jadhav)

Executive Engineer,
Tembhu L.I.Mech. & Elect Unit,
Ogalewadi, Tal.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.

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