

जा.क्र./टेंउसियांवविप/तांशा-१ /जाहिरात/
कार्यकारी अभियंता,
टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक,
ओगलेवाडी, कराड यांचे कार्यालय
E-Mail – tembhumeunit@gmail.com
Phone – (02164) 271142
दिनांक:-

प्रति,

मा. जिल्हा माहिती अधिकारी.
जिल्हा माहिती कार्यालय,
नविन प्रशासकिय इमारत,
सातारा.

विषय :- जाहीरात प्रसिध्दीस देणेबाबत.

महोदय,

सोबत जोडलेली जाहिरात प्रादेशिक स्तरावर प्रसिध्द होणाऱ्या वृत्तपत्रामध्ये 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:- १४/०८/२०२० अथवा तत्पूर्वी
- ३) प्रसिध्दी कोणत्या स्तरावर आवश्यक (प्रादेशिक/जिल्हा पातळीवर) : जिल्हा स्तरावर (सातारा Region)
- 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. : क वर्ग दैनिक मराठी , साप्ताहिक वृत्तपत्रात
एकाचवेळी फक्त एकवेळा.
(कमीत कमी जागेत.)
- ६) किती वेळा जाहिरात प्रसिध्द करावयाची आहे. : एकवेळा.

आपला विश्वासू

सोबत :- जाहिरातीच्या ४ प्रती.

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 सायडींग, 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.१४/०८/२०२० पासून २८/०८/२०२० 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 प्रकल्प 200 mm कायनेटीक एअर वाल्व वरील कव्हर प्लेट निर्मिती व पुरवठा	यादी मध्ये नमुद केलेप्रमाणे		
२	टेंभू उपसा सिंचन प्रकल्प टप्पा 1 ब येथे नविन HOPD पॅनल ची निर्मिती, पुरवठा ,उभारणी, व कार्यान्विती करण करणे	यादी मध्ये नमुद केलेप्रमाणे		
३	टेंभू टप्पा क्र. 2 येथील पंपांचे बाऊल मोडीफिकेशन करणे.	यादी मध्ये नमुद केलेप्रमाणे		
४	टेंभू टप्पा ३, ४, ५ येथे इनलाईन वाटर फ़िल्टर निर्मिती , पुरवठा, उभारणी कार्यान्विती करण करणे.	यादी मध्ये नमुद केलेप्रमाणे		
५	टेंभू उपसा सिंचन प्रकल्प टप्पा 1 अ, 1ब ,3अ, 3 ब येथे हायड्रोलिक Power Pack चे Overhauling, मेन्टेनन्स व सर्विसिंग करणे.	यादी मध्ये नमुद केलेप्रमाणे		
६	टेंभू उपसा सिंचन प्रकल्पांच्या पंप गृहातील इ.ओ.टी. दुरुस्ती कामे करणे.	यादी मध्ये नमुद केलेप्रमाणे		
७	टेंभू उपसा सिंचन प्रकल्प टप्पा क्र. ३ च्या पंप गृहातील ६.६ के.व्ही., एच.टी. मोटर रिवायडींग व दुरुस्ती कामे करणे.	यादी मध्ये नमुद केलेप्रमाणे		
८	टेंभू उपसा सिंचन प्रकल्प टप्पा क्र. १अ च्या पंप गृहातील ६.६ के.व्ही., एच.टी. मोटर बिअरींग बदलणे इ. कामे करणे.	यादी मध्ये नमुद केलेप्रमाणे		
९	टेंभू उपसा सिंचन प्रकल्पांच्या पंप गृहातील ६.६ के.व्ही., एल.टी. पॅनेल दुरुस्ती कामे करणे.	यादी मध्ये नमुद केलेप्रमाणे		
१०	टेंभू उपसा सिंचन प्रकल्पांच्या पंप गृहातील बॅटरी चार्जर पॅनेल दुरुस्ती कामे करणे.	यादी मध्ये नमुद केलेप्रमाणे		
११	पुनदी उपसा सिंचन प्रकल्प च्या पंप गृहातील ६.६ के.व्ही., एच.टी. मोटर रोटार बॅलंसिंग इ. कामे करणे.	यादी मध्ये नमुद केलेप्रमाणे		
१२	टेंभू उपसा सिंचन प्रकल्प टप्पा क्र. १ब च्या पंप गृहातील ६.६ के.व्ही., एच.टी. मोटर रिवायडींग व दुरुस्ती कामे करणे.	यादी मध्ये नमुद केलेप्रमाणे		
१३	टेंभू उपसा सिंचन प्रकल्पांच्या पंप गृहातील पॅनेलमधील स्पेअर्स पुरवठा करणे.	यादी मध्ये नमुद केलेप्रमाणे		

उपरोक्त नमूद दरपत्रके ही फक्त अंदाजपत्रकीय कार्यवाहीसाठी मागविण्यात येत आहेत. तसेच वरील दर हे वस्तु व सेवा कर वगळून देण्यात यावेत.

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

BUDGETORY OFFER

NO.EE/TLIMEU/T1/

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

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 the works listed below

Name of work: Job work of manufacturing and supplying cowl circular cover for 200 mm size kinetic air valve as per as per IS 14845:2000 at Tembhu LIS

Sr. No.	Description	Qty
1	Job work of manufacturing and supplying cowl circular cover for 200 mm size kinetic air valve as per as per IS 14845:2000 at Tembhu LIS	1 Set

TERMS AND CONDITIONS:-

- 1) Most of above work is for repairs to old model equipment, **make and model of spare shall be as per sample or compatible to site requirement** delivering required results.
- 2) Supply is to be executed at at Tembhu LIS
- 3) Job work is to be executed at at Tembhu LIS
- 4) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, but exclusive of GST etc and with discount considering that faulty material/parts is to be retained by the contractor.
- 5) The material should be as per relevant IS specification.
- 6) This budgetary offer is called for estimation purpose only.
- 7) Quantity may vary as per site condition.

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

Thanking you,

Yours faithfully,

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.

Office Notice Board.

BUDGETORY OFFER**NO.EE/TLIMEU/T1/**

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

Date: / /2020

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 –Design, Mfg., erection, testing and commissioning of HOPD Panel for Tembhu L.I.S.

Sr.No.	Description	Qty.	Rate	Amt.
1)	Design, Mfg., erection, testing and commissioning of HOPD Panel for Hydraulically Operated Pump Discharge Valve 1100 mm dia.for Tembhu L.I.S. with Specifications as below: HOPD Panel should consist of 2 sections: 1.Hydraulic Powerpack & 2.Control Panel System requirements along with Valve details are as follows :	1 Job.		

B.) Panel requirements are as follows

A	Hydraulic Powerpack components
i	Positive Displacement Gear type Pump should be with Max. pressure 207 Bar. Oil Pump Displacement suitable for attaining actuator velocity such that Normal opening and closing can be adjusted at required operating pressure of Min. appr.100 Bar and Max.140 Bar
ii	A 13 cc double stroke hand pump should be provided for opening the valve during power failure
iv	Electric Motor should be of adequate capacity considering the pump input power rating for developing required hydraulic power

V	<p>Following Accessories should be provided for smooth and efficient functioning of the Hydraulic Actuators</p> <ol style="list-style-type: none"> 1.Suction Strainer 2.Return Line filter 3.Breather filler 4.Safety Valve 5.Pressure Gauges 6.A Hooter
B	Control Panel components
Vi	<p>Two Modes of Operation should be provided for Hydraulic Actuator</p> <ol style="list-style-type: none"> 1. Local and 2.Remote
Viii	<p>Potential free Signal from valve Actuator Panel to remote control Panel</p> <p>Valve full Open Limit switch feedback</p> <p>Valve full close Limit switch feedback</p> <p>Local/Remote mode status</p> <p>Electric motor ON Status</p> <p>Alarms/faults like oil level low, valve lock, Local/Remote</p>
Viii	<p>Potential free Signal from remote control Panel to valve Actuator Panel</p> <p>Valve Open Command</p> <p>Valve Close Command</p> <p>Valve Emergency Close Command</p>
Ix	interlocks :V.T.Pump shall not start unless valve opening command is passed on.

A) Valve Details are as follows		
Sr. No.	Item Description	Specifications
1	Butterfly Valve (BFV) Size	1100 mm
2	Pump type	Positive Displacement Gear Pump
3	Hydraulic Cylinder	Front Trunnion mounted Double acting cylinder
4	Opening Closing	Hydraulic Cylinder Actuator Fail Safe by Counter-weight.
5	Electrical Control Panel	Relay Logic Based
6	Mechanical Lever Assembly & Actuator type Counter weights provided: Kg	Body mounted 1200 Kg at 1.2m
7	Cylinder Size (Bore x Stroke)mm	(100x440)
8	Valve max. operating torque Kg.m	2445 Kg.m
9	Hyd. Pump: (External Gear Type): at 150 Bar & 1500 Rpm	3.75 lpm
10	Valve Closing Time Emergency Closing time	30 to 60 Sec.(Adjustable) 90% up to 10 sec. 10 % :20 Sec.
	Valve Opening Time	55.4 Sec.

TERMS AND CONDITIONS:-

1. Work is to be executed at Tembhu LIS The rates quoted should be inclusive of duties, Transportation, insurances other relevant State/Central taxes, if any, but exclusive of GST etc.

2. 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 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 Lift Irrigation Mech. & Elect. Unit,
Oglewadi, Karad. Dist-Satara.
Pin- 415 105.
Date: / /2020

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.

Respected Sir,

With respect to above subject, please call budgetary offer for the following work from Manufacturers/ Contractors having experience of the said work for estimate purpose.

Name of work – To carryout job work of Dismantling, Repair and Refurbishment of Kirloskar make BHR 95 VT pump to achieve design discharge by Modification / Replacement of Bowl Assembly at Tembhu LIS stage 2, Tal: Kadegaon, Dist: Sangli.

Repair & Refurbishment of VT pump is to be carried out as current discharge of existing pump is reduced to approximately half of the rated design discharge say 1.44 m³/sec.

Sr.No.	Description	Qty.	Rate	Amt.
1)	Dismantling, Repair and Refurbishment of Kirloskar make BHR 95, 1400 HP, VT pump to achieve design discharge of 1.44 m ³ /s by Modification of Pump Bowl Assembly / Impeller as per Technical specification of pump components with existing Electrical and Mechanical components available as per site condition, sanctioned parameters, G.A. drawing including material, casting, labour charges, workshop charges, handling charges, testing charges, all allied works at Tembhu LIS stage 2 Pumphouse.	3 Nos.		

Above job work includes following –

1. Inspection of pumping machinery & allied system for above jobwork at Site with the respective Engineer Incharge.
2. Dismantling of Existing VT pump assembly.
3. Repair and Replacement of internal damaged parts of VT pump.

4. Modification or replacement of complete bowl assembly to achieve design discharge of 1.44 m³/sec with respect to duty head 62 meter with existing Electrical and Mechanical components available as per site condition, sanctioned parameters, G.A. drawing and data provided by department.
5. The concerned Agency need to Design, Manufacture, supply, Testing and commissioning of Bowl Assembly at factory / site.
6. Necessary repairs carried out to achieve above performance
7. The Above jobwork is designed for duty parameter.(Q = 1.44 m³/sec, H= 62 meter)
8. The expected pump Efficiency is
9. For above jobwok Existing Pumping system is briefed as below.

VT pump having following specification.

TECHNICAL SPECIFICATIONS

1.	PUMP TYPE	VERTICAL TURBINE
2.	MANUFACTURE & DESIGNATION	KIRLOSKAR/ BHR- 95
3.	DESIGN CAPACITY (m ³ /s)	1.44 m ³ /s
4.	DESIGN HEAD (Meter)	62
5.	NUMBER OF STAGES	SINGLE
6.	SPEED (RPM)	740 (Nominal)
7.	TYPE OF IMPELLER	RADIAL
8.	POWER ABSORBED / INPUT TO PUMP (KW)	955.94

PUMPING PARAMETER OF TEMBHU LIS STAGE 2

1.	Working Pumps	2
2.	Standby Pump	1
3.	Total pump	3
4.	Pump HP	1400
5.	Column pipe dia in mm	1000
6.	Delivery pipe dia. in mm	1000
7.	Line shaft dia. in mm	110
8.	Motor KW	1080
9.	RPM	750
10.	No. of Rising Main	1

11.	Diameter of Rising main in mm	1500
12.	Length of Rising main in m	1700
13.	Frictional head in m	4.02
14.	Static head @ POL	57.98
15.	Duty head @ POL	62
16.	Discharge / pump m ³ /s	1.44
17.	Discharge pt. R.L. m	748.65
18.	F.R.L	692.00
19.	P.O.L	690.67
20.	M.D.D.L	688.00
21.	Sump bottom R.L.	683.00
22.	Valve floor R.L.	692.50
23.	Motor Floor R.L.	696.03
24.	Head Range in mtr.	46 to 69
25.	Specific Speed (Nq)	2164
26.	Suction specific speed (Ns)	7604
27.	Thoma available	0.1745
28.	Thoma critical	0.1708

TERMS AND CONDITIONS:-

- 1) Work is to be executed at Tembhu LIS stage 2, Tembhu, Tq. Kadegaon, Dist- Sangli, State –MAHARSHTRA.
- 2) The rates quoted should be inclusive of material, casting, labour, workshop charges, handling charges, testing charges, all allied works at site, Transportation, insurances etc. but excluding GST.
- 3) This budgetary offer is called for estimation purpose only.
- 4) The material should be as per relevant IS specification.
- 5) All routine tests as per relevant standards shall be conducted on the assembly and the various components, All tests conducted at factory/site and All test reports shall be submitted.

TERMS AND CONDITIONS:-

3. Work is to be executed at Tembhu LIS The rates quoted should be inclusive of duties, Transportation, insurances other relevant State/Central taxes, if any, but exclusive of GST etc.
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 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 Lift Irrigation Mech. & Elect. Unit,
Oglewadi, Karad. Dist-Satara.
Pin- 415 105.

Date: / /2020

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 : Supply of In-Line Water filters for Tembhu L.I.S. Stage 3, 4 & 5

Sr.No.	Description	Qty
1	Manufacturing providing, erection, Testing and commissioning of In-Line Basket type Water filters for Tembhu L.I.S. Stage 3, 4 & 5 with following specifications : (a) Inlet /Outlet Diameter - 150 mm NB, (b) Hydraulic I test pressure – 10 KG/Cm ² , (c) Mesh :200 Micron	1 No.

TERMS AND CONDITIONS:-

- Work is to be executed at Tembhu LIS The rates quoted should be inclusive of duties, Transportation, insurances other relevant State/Central taxes, if any, but exclusive of GST etc.
- 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,
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Dear Sir,

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

**Name of Work: Overhauling and Maintenance of Hydraulic Power pack of
HOPD Panel for HOPD Valve operation at Tembhu 1A, 1B, 3A and 3B**

Sr.No.	Description	Qty
A)	Job work of Overhauling of HOPD Panel of Hydraulically operated pump discharge (HOPD) valve by way of dismantling Hydraulic Power Pack Assembly and Replacement of damaged spares such as flow control valve, Pressure switch, various NRV, solenoid switch , manifold etc.of along with cleaning Hydraulic Oil tank and refitting again with Test and Trial at site	1 Job

TERMS AND CONDITIONS:-

7. Work is to be executed at Tembhu LIS The rates quoted should be inclusive of duties, Transportation, insurances other relevant State/Central taxes, if any, but exclusive of GST etc.
8. 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 Lift Irrigation Mechanical & Electrical Unit,
Oglewadi – 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.

महाराष्ट्र शासन

जलसंपदा विभाग (यां.)

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

दुरध्वनी क्र. ०२१६४/२७११४२

ई-मेल : tembhumeunit@gmail.com

सत्यमेव जयते

GOVERNMENT OF MAHARASHTRA

WATER RESOURCES DEPARTMENT (Mech.)

EXECUTIVE ENGINEER, TEMBHU LIFT

IRRIGATION MECHANICAL & ELECTRICAL UNIT

OGALEWADI, KARAD

PH.NO.02164-271142

E-MAIL:tembhumeunit@gmail.com

जा.क्र. टेडसियांविपओ/ तांशा -३/

दि.

BUDGETORY OFFER

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 the works listed below.

Name of Work: Repairs/Rewinding of CGL make Motor,1500 KW, 6.6 KV,157 Amp, 750 RPM, 8 Pole stator winding for Tembhu Lift Irrigation Scheme stage – 3A ,Mahuli, Tal. Khanapur, Dist. Sangli.

HT Motor Rewinding Work				
Sr. No.	Description of Work	Qty		Rate
	Complete rewinding of CGL make,Motor 1500 KW , 6.6 KV,157 Amp 750 RPM, 8 Pole stator winding for Tembhu Lift Irrigation Scheme stage - 3A , Mahuli, Tal. Khanapur, Dist. Sangli including removing of damaged winding and replacing by new one with as required size and specifications, with insulator and other necessary repairs, assembling, test & trial etc. including labour , material, workshop charges , sundry material, handling & transportation, complete job as required on site Tembhu LIS stage 3A , Mahuli, Tal. Khanapur, Dist. Sangli.			
1	Removing of motor from pump base stool, loading in vehicle with the help of crane.	1	No	
2	Transportation of HT Motor from site to workshop & Unloading of motor at workshop.	1	No	
3	Removing all covers & Terminal covers to inspect internal condition of Motor. Dismantling of motor, Inspection of Stator, Rotor & all the components or windings for healthiness. IR value, Winding Resistance, Bearing Condition, Condition of other components. Removal of old winding. Cleaning of all dirt & dust from winding. Heating of windings and IR improvement.	1	No.	
4	Flux loop test.	1	No.	
5	Fabrication of coils using double coated fiberglass enameled copper strip	1	No.	
6	Insulation &moulding of the coils with insulation/resin suitable for 7.2 kV class	1	No.	

9	Rewinding with new moulded coils	1	No.	
10	Replacement of wedges & RTDs	1	No.	
11	Testing of stator winding for IR value, HV test, Surge comparison test, PI test before assembly. Complete assembly of motor with use of proper tools & tackles.	1	No.	
12	Varnishing (With vacuum impregnation) of stator	1	No.	
13	Applying suitable grease for both side bearing as per manufacturers specifications.	1	No.	
14	Replacement of DE Bearings NU 234C3 shall be done .	1	No.	
15	Replacement of DE Bearings NDE Bearings 7322BG shall be done	2	No	
16	Supply and fitting of burnt insulator suitable for Crompton Greaves make 1500 KW, 6.6 KV, 3 phase Induction Motor with stud ϕ 16 mm.	1	No.	
17	Assembling, Dynamic balancing of rotor & Painting of assembled motor with one coat of primer & two coats synthetic enamel paint.	1	No.	
18	Painting of assembled motor with one coat of primer & two coats synthetic enamel paint.	1	No.	
19	Testing of motor at workshop. No load testing of motor as per IS:325 at reduced voltage recording the applied voltage, no load current drawn, motor RPM etc.	1	No.	
20	Loading repaired motor to vehicle , Transportation from workshop to site, unloading at site with crane .	1	No.	
21	Erection of motor on stool, commissioning and testing of motor as per relevant IS.	1	No.	
22	Cost of damaged winding copper scrap. (Rate shall be per kg)		kg	
23	Cost of damaged bearings scrap. (Rate shall be per kg)		kg	

TERMS AND CONDITIONS:-

- 1) Job work is to be executed at Tembhu LIS stage 3, Mahuli and Punadi LIS Tal:Khanapur Dist Sangli.
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, 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.
- 5) Quantity may vary as per site condition.

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.

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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 the works listed below.

Name of Work: Refurbishment work of removing, dis-assembling, providing and fitting of DE & NDE bearings of 6.6 KV, 1505 KW Crompton Greaves make H.T. motor of V.T. Pump 2Nos. and other necessary repairs, assembling, test & trial etc. as required on site of Tembhu LIS stage 1A Tal. Karad. Dist. Satara.

Tembhu 1A HT Motor Bearing Work				
Sr. No.	Description of Item	Qty.	Unit	Rate
	Job work required for Replacement of DE & NDE removing, dis-assembling, providing and fitting of DE & NDE bearings and other necessary repairs testing of 6.6 KV, 1505 KW Crompton Greaves make H.T. motor of V.T. Pump, dis-assembling, cleaning, providing and fitting of DE & NDE bearing with insulator and other necessary repairs, assembling test & trial etc. Including labour, material, workshop charges, sundry material, handling & transportation complete job as required on site of Tembhu LIS stage 1A Tal. Karad. Dist. Satara.			
1	Removing of motor from pump base stool, loading in vehicle with the help of crane.	2	Nos.	
2	Transportation of HT Motor from site to workshop. Unloading of motor at workshop.	2	Nos.	
3	Cleaning of all dirt & dust from winding. Heating of windings and IR improvement. Replacement of necessary magnetic wedges.	2	Nos.	
4	Application of Epoxy Gelcoat with hardener on winding overhag.	2	Nos.	
5	Replacement of DE Bearings NU 234C3-1 No. rate Rs.54890/- as per No.	1	No	

6	Replacement of NDE Bearings 7322BG-2 No. rate Rs.63500/- as per No	2	Nos.	
7	Applying suitable grease for both side bearing as per manufacturers specifications.	2	Nos.	
8	Testing of stator winding for IR value, HV test, Surge comparison test, PI test before assembly. Complete assembly of motor with use of proper tools & tackles.	2	Nos.	
9	Painting of assembled motor with one coat of primer & two coats synthetic enamel paint	2	Nos.	
10	Loading repaired motor to vehicle , Transportation from workshop to Oglewadi site, unloading at site with crane	2	Nos.	
11	Erection of motor on stool, commissioning and testing of motor as per relevant IS	2	Nos.	
A	Total of No. 1 to 11 in Rs.			
12	Cost of Damaged bearing scrap. Aprox wt. 100/kg motor	200	Kg.	

TERMS AND CONDITIONS:-

- 1) Job work is to be executed at Tembhu LIS stage 1B, Tembhu Tal:Karad Dist Satara.
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, 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.
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Sealed & Super scribed budgetary offers are invited here with for the works listed below.

Name of Work: Repairs to L. T. Panels at Tembhu LIS Stage 1B pumphouse, Tembhu, Tal: Karad, Dist: Satara.

L.T.PANEL			
Sr.No.	Equipment	Qty	Remark
1	Carryout routine maintenance, servicing and testing of 400A to 1000A L.T.ACB by cleaning fixed contacts, moving contacts and arc chutes including servicing, cleaning burnt/carbonized surfaces, bushings inside the panel and putting the ACB in perfect working condition after setting all relay and ON, OFF mechanism etc done with only manufacturing companies	2 Jobs	Tembhu 1A/1B
2	<p>a) Supplying and erecting Switch-Disconnecter-Fuse Units triple pole 415V, having following capacity with neutral links to be erected in existing panel.</p> <p>i) 32A</p> <p>ii) 63A</p> <p>iii) 100A</p> <p>iv) 150A</p> <p>b) Supplying and erecting HRC fuses 415 V</p> <p>i) 32A</p> <p>ii) 63A</p> <p>iii) 100A</p> <p>iv) 150A</p> <p>c) Modification in Mounting base arrangement to new model of Switch- disconnector as per requirement at site.</p>	<p>1 each</p> <p>3 each</p> <p>1 each</p>	Tembhu 1B

3	Cable Terminal connector, 500V i) 32A ii) 64A iii) 100A	5 each	Tembhu 1A/1B
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TERMS AND CONDITIONS:-

- 1) Job work is to be executed at Tembhu LIS stage 1B, Tembhu Tal:Karad Dist Satara.
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, but exclusive of GST etc .
- 3) The material should be as per relevant IS specification.
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Sealed & Super scribed budgetary offers are invited here with for the works listed below.

Name of Work: Servicing of EOT Cranes of Tembhu LIS at various locations

EOT Cranes			
Sr.No.	Equipment	Qty	Rate
1	Servicing,Cleaning,Repairs of EOT cranes which should include overall cleaning of crane, replacement of oil seals of gear box,servicing of brake cylinder & brake pads, adjusting/ replacing brake liner,applying grease,cardium compound, toput/ filling of gear oil, brake oil,cleaning of DSL (Bus Bar),fixing of electrical spare parts ,Servicing of Resistance Box.(& any other work required with sundry material such as cotton waste etc. with provided material/spares) For the capacity as mentioned below		
	a) 30/5 Ton at Tembhu LIS st – IB @Tembhu,Tal-karad Dist-Satara	1 No	
	b) 35/5 Ton at Tembhu LIS st –III Mahuli ,Tal – Khanapur, Dist– Sangli	1 No	
	c) 7.5 Ton at Punadi LIS st – I,II,III, Punadi, &Visapur LIS st – II,Visapur, Tal- Tasgaon Dist- Sangli	1 No Each	
	d) 10 Ton at Visapur LIS st – I, Visapur,Tal- Tasgaon Dist- Sangli	1 No	
2	Spares for Cranes		
	a) Add on block for contactors	1 No	
	b) Cable Terminal connectors 500 Volt,32 Amp	Set of 10 No	
	c) CRC spray	1 No	

	d) Crane operating push buttons/switches in Pendent	1 No	
	e) Brake liner	1 No	
	f) Brake pad	1 No	
	g) Set of Oil Seals for gear box	1 Set	
	h) Bus Bar (DSL) support Insulators (Bakelite)	1 No	

TERMS AND CONDITIONS:-

- 1) Job work is to be executed at Tembhu LIS stage 1A/1B/3, Tembhu Tal:Karad Dist Satara.
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, 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.
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Sealed & Super scribed budgetary offers are invited here with for the works listed below.

Name of Work: Repairs to Battery Charger Panels at Tembhu LIS Stage 1B pumphouse, Tembhu, Tal: Karad, Dist: Satara.

Battery Charger				
Sr.No.	Equipment	Qty	Unit	Rate
1	Repairing of 220 V, 30A , float cum boost , "Chhabi" make battery charger at electronic card level (module for AVR & current limit/ protection module/ Battery earth leakage detection module) replacing required ICs, SCRs and other necessary components with satisfactorily test and trials at Tembhu LIS Stage 1B pump house, Tembhu, Tal: Karad, Dist: Satara.			
	a) Material			
	a New Version type 3 PH SCR Half Controller Card PCB No. 66R1	1	No.	
	b HV PE PSR PST Module PCB No. 053R1 415V CE	1	No.	
	c DC U & O Voltage Relay Module PCB No. 044R Act U- Volt = 198, Rst. U-Volt-220V, Norm, Volt = 242V, Act O- Volt = 240, Rst. O-Volt=220V	1	No.	
	d POTENTIOMETER 10K 25M Shaft 3W, Pankaj	3	No.	
	e CAM12 A 2P2W NO OF 415VAC KNO	2	No.	
	f ELECTRO CAP, SCREW 63MM, 5000 MFD/200 VDC PG6D1 (2 IN SERIES WITH FITTING CLAMP & STUD)	4	No.	
	g Auxillary relay for DC over voltage interlocking (3 clomp 214A)	1	No.	

	h	ACONT MINI TCA2- M22 M-10A, -2NO+2NC 220C AC C&S	1	No.	
	i	CL LED IN RED RC 87 IVL74 240VAC 22.5 C & S	1	No.	
	j	CL LED IN RED RC 87 IVL78 240VAC 22.5 C & S	1	No.	
	k	CL LED IN RED RC 87 IVL76 240VAC 22.5 C & S	1	No.	
	l	CL LED IN RED RC 87 IVL74 240VAC 22.5 C & S	1	No.	
	m	NEW VERIOR Type Complete Rectifier Stack with DT Module SCR1-3=30A/1600, D1-4=30A/1000PIV OR EQUIVALENT WITHOUT HEAT SINK AND RC SNUBBER CIRCUIT, MR1)	1	No.	
	n	DIODE MODULE 40A/1600PIV OR EQUIVALENT WITH SUITABLE WITHOT HEAT SINK MR-2	1	No.	
	o	SUNDRY MATERIAL I.e. Power Wire (Control Wire 1 Sq.mm=100 Mtr. LUGS, Sleeve, Hardware etc. as Follows etc. with Required Additional Sundry Material as Below)	L.S.		
	ii) Service Charges		1	Job	
2	Supplying and fixing of 40 A FP 2 way Auto- Manual Mode selector switch .				
3	Supplying and fixing of Air break contactor 25 A for FCB charger.				
4	Supplying 40 A Terminal block, 415 V				
5	Supplying 16 A, DP, 2 way with OFF auto-manual mode selector switch				
6	Supplying 16 A, SP, 4 way selector switch				
7	Supplying DC PCB mounting relay, 24 V DC 93RB				

TERMS AND CONDITIONS:-

- 1) Job work is to be executed at Tembhu LIS stage 1B, Tembhu Tal:Karad Dist Satara.
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, 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.
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Sealed & Super scribed budgetary offers are invited here with for the works listed below.

Name of Work: Carrying out Job work of Rotor Balancing of 6.6KV,100 to 500 KW,ABB make HT motors of VT pumps at Punadi LIS , Tal. Tasgaon, Dist.Sangli.

Punadi HT Motor Rotor balancing Work				
Sr. No.	Description of Work	Qty	Unit	Rate
1	Carrying out Job work of Rotor Balancing of 6.6 KV,100 to 500 KW,ABB make HT motor of VT pump with removing dis-assembling, inspecting, cleaning, Dynamic balancing of Rotor other necessary repairs, assembling, test & trial etc. including labour , material, workshop charges , sundry material, handling & transportation, complete job as required on site PunadiLIS stage 2B , Tal. Tasgaon, Dist.Sangai. as mentioned below.			
	i) Removing of motor from pump base stool, loading in vehicle with the help of crane, disassembling, assembling, erection of motor.	1	No	
	ii) Transportation of HT Motor from site to workshop. Unloading of motor at workshop.	1	No	
	iii) Dynamic balancing of rotor with proper tools & tackles & machinery. Carrying out any other repair work. Complete assembly of motor	1	No	
	iv) Loading repaired motor in vehicle, transportation from workshop to site,unloading at site with crane .	1	No	

v) Erection of motor on stool, commissioning and testing of motor at site.	1	No	
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TERMS AND CONDITIONS:-

- 1) Job work is to be executed at Punadi LIS , Tal. Tasgaon, Dist.Sangli.
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, but exclusive of GST etc .
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BUDGETORY OFFER

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 the works listed below.

Name of Work: Rewinding of CGL make Motor,1700 KW, 6.6 KV, 750 RPM, 8 Pole stator winding for Tembhu Lift Irrigation Scheme stage – 1B ,Tembhu , Tal. Karad, Dist. Satara.

1B HT Motor Rewinding Work				
Sr.No.	Description	Qty	Unit	Rate
	Complete rewinding of CGL make, 1700 kW, 6.6 kV, 750 RPM, 8 Pole stator winding for Tembhu Lift Irrigation stage – 1B, Tembhu, Tal. Karad, Dist. Satara including removing of damaged winding and replacing by new one with as required size and specifications, with insulator and other necessary repairs, assembling, test & trial etc. including labour , material, workshop charges , sundry material, handling & transportation, complete job as required on site Tembhu LIS stage 1 B, Tal. Karad, Dist.Satara.			
1	Removing of motor from pump base stool, loading in vehicle with the help of crane.	1	No.	
2	Transportation of HT Motor from site to workshop. Unloading of motor at workshop.	1	No.	
3	Dismantling & Inspection of Stator, Rotor & all the components or windings for healthiness. IR value, Winding Resistance, Bearing Condition, Condition of other components.	1	No.	
4	Removal of old winding. Cleaning of all dirt & dust from winding. Heating of windings and IR improvement.	1	No.	
5	Flux loop test.	1	No.	
6	Fabrication of coils using double coated fiberglass enameled copper strip	1	No.	
7	Insulation & moulding of the coils with insulation/resin suitable for 7.2 kV class	1	No.	
8	Rewinding with new moulded coils	1	No.	
9	Replacement of wedges & RTDs	1	No.	

10	Testing of stator winding for IR value, HV test, Surge comparison test, PI test before assembly. Complete assembly of motor with use of proper tools & tackles.	1	No.	
11	Varnishing (With vacuum impregnation) of stator	1	No.	
12	Applying suitable grease for both side bearing as per manufacturers specifications.	1	No.	
13	i) Replacement of DE Bearing NU 234 C3-1 No.	1	No.	
	ii) Replacement of NDE bearings 7322BG-2 Nos.	2	No.	
14	Supply and fitting of burnt insulator suitable for Crompton Greaves make 1700 KW, 6.6 KV, 3 phase Induction Motor with stud \varnothing 16 mm.	1	No.	
15	Assembling, Dynamic balancing of rotor.	1	No.	
16	Painting of assembled motor with one coat of primer & two coats synthetic enamel paint.	1	No.	
17	Testing of motor at workshop. No load testing of motor as per IS:325 at reduced voltage recording the applied voltage, no load current drawn, motor RPM etc.	1	No.	
18	Loading repaired motor to vehicle , Transportation from workshop to site, unloading at site with crane .	1	No.	
19	Erection of motor on stool, commissioning and testing of motor as per relevant IS.	1	No.	
A	Total amount in Rs.			
20	Cost of damaged winding copper scrap. Aprox wt.580 kg/motor	580	kg	
21	Cost of damaged bearings scrap. Aprox wt.100 kg/motor	100	kg	

TERMS AND CONDITIONS:-

- 1) Job work is to be executed at Tembhu LIS stage 1B, Tembhu Tal:Karad Dist Satara.
- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, 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.
- 5) Quantity may vary as per site condition.

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.
- 2/- It is requested to upload this offer on official website of department.
- ✓ Copy to Office Notice Board.

महाराष्ट्र शासन

जलसंपदा विभाग (यां.)

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

दुरध्वनी क्र. ०२१६४/२७११४२

ई-मेल : tembhumeunit@gmail.com

सत्यमेव जयते

GOVERNMENT OF MAHARASHTRA

WATER RESOURCES DEPARTMENT (Mech.)

EXECUTIVE ENGINEER, TEMBHU LIFT

IRRIGATION MECHANICAL & ELECTRICAL UNIT

OGALEWADI, KARAD

PH.NO.02164-271142

E-MAIL-tembhumeunit@gmail.com

जा.क्र. टेंडरियांविपओ/ तांशा -३/

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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 the works listed below.

Name of Work: Supply, Erecting, Testing and Commissioning spares for Electrical panels

Sr. No.	Name of Work	Qty	Rate
1	Supply, Erecting, Testing and Commissioning of spares of HOPD Panel at Tembhu LIS Stage 1A/1B pump house, Tembhu, Tal: Karad, Dist: Satara :		
	i) Isolation control Transformer, PRI-300 VA, 0-380-400-415-440V, SEC- 0-18-20-22 V-24 V	1 No.	
	ii) Full wave bridge rectifier, 24 V 10 A	1 No.	
	iii) DIN rail Terminal block, 6 - 10 sq.mm. 230/440V	1 No.	
	iv) Small diode	1 No.	
2	Supply, Erecting, Testing and Commissioning of spares of 6.6 kV H.T. Panels at Tembhu LIS Stage 1A/1B pump house, Tembhu, Tal: Karad, Dist: Satara:		
	i) Supplying and erecting fixed and moving contacts for 6.6 kV, Vacuum contactors	1 set	
	a) 400A, Jyoti Make	1 set	
	b) 400A CGL make		

TERMS AND CONDITIONS:-

- 1) Job work is to be executed at **Tembhu LIS Stage 1A/1B pump house, Tembhu, Tal: Karad, Dist: Satara**

- 2) The rates quoted should be inclusive of duties, Transportation, insurances, other relevant state/central taxes, if any, and supplying/ erecting/testing charges, but exclusive of GST etc .
- 3) The material should be as per relevant IS specification.
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Thanking you,

Yours faithfully,

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