

E-Mail – tembhumeunit@gmail.com

जा.क्र./टेंउसियांवविप/लेशा-४/निविदा/ ११६८ /२०१६

Phone – (02164) 271142

कार्यकारी अभियंता,

टेंभु उपसा सिंचन यांत्रिकी व विद्युत पथक,

ओगलेवाडी, कराड यांचे कार्यालय

दिनांक:- १८ / ०७ / २०१६

प्रति,

मा. उपसंचालक (माहिती),

विभागीय माहिती कार्यालय,

मध्यवर्ती प्रशासकिय इमारत,

पुणे स्टेशन, पुणे.

विषय :- जाहीरात प्रसिध्दीस देणेबाबत.

महोदय,

सोबत जोडलेली जाहिरात वृत्तपत्रात प्रसिध्द करण्यासाठी पाठविण्यात येत आहे. कृपया ती नेमून दिलेल्या तारखेला किंवा तत्पुर्वी 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 ३०/०७/२०१६ अथवा तत्पुर्वी

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.

: एक “क” वर्ग मराठी दैनिक व एका
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)

अंदाजपत्रकीय दरपत्रके मागविण्यासाठीची दरपत्रके

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. संबंधितांनी हि जाहिरात प्रसिद्ध झाल्यापासून अंदाजपत्रकीय दरपत्रके दि. ३०/०७/२०१६ पासून १०/०८/२०१६ 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
१.	टेंभू उपसा सिंचन टप्पा क्र . ४, वेजेगाव ता. खानापूर जि. सांगली येथील ६.६ के. व्ही. एच. टी. पॅनेलची ४ पंपासाठी उभारणी, कार्यान्वितीकरण, पुर्नस्थापना इ. करणेबाबत	१ नग		
२	टेंभू उपसा सिंचन टप्पा क्र . ५, भूड ता. खानापूर जि. सांगली येथील ६.६ के. व्ही. एच. टी. पॅनेलची ५ पंपासाठी उभारणी, कार्यान्वितीकरण, पुर्नस्थापना इ. करणेबाबत	१ नग		

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

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

To,

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

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 4, Vejegaon, Tq.Khanapur, Dist.Sangali**. 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.

	PANEL QTY	1	1	1	1	4	08
	DESCRIPTION	I/C	OG-C	OG-T	OG-M1	OG-M2	TOTAL
01	IND. LAMPS LED TYPE MAKE:AS PER CGL STANDARD						
	COLOUR VOLTAGE PURPOSE						
	RED 110V DC VCB ON	1	1	1	1	1	8
	GREEN 110V DC VCB OFF	1	1	1	1	1	8
	BLUE 110V DC SPR. CHR. INDICATION	1	0	1	0	0	2
	AMBER 110V DC AUTOTRIP	1	1	1	1	1	8
	WHITE 110V DC TRIP CKT HEALTHY	1	1	1	1	1	8
	RED 110VAC R PHASE HEALTHY	1	0	0	0	0	1
	YELLOW 110VAC Y PHASE HEALTHY	1	0	0	0	0	1
	BLUE 110VAC B PHASE HEALTHY	1	0	0	0	0	1
	GREEN 110V DC DC SUPPLY HEALTHY	1	0	0	0	0	1
	AMBER 110V DC HT FUSE BLOWN	0	1	0	0	0	1
	GREEN 110V DC VALVE CLOSE	0	0	0	1	1	5
	RED 110V DC VALVE OPEN	0	0	0	1	1	5
	RED 110V AC MOTOR SPACE HEATER ON	0	0	0	1	1	5
	AMBER 110V DC SERVICE POSITION	1	1	1	1	1	8
	CLEAR 1100V DC TEST POSITION	1	1	1	1	1	8
02	P.B. ACTUATOR WITH NO CONTACT	1	1	1	0	0	3
	PURPOSE:TCH CHECK						
03	PANEL ILLUMINATION IAMP	1	1	1	1	1	8
	RATING: 40 WATT, 230V AC						
04	PANEL LAMP HOLDER	1	1	1	1	1	8
	MAKE: ANCHOR/EQUIVALENT/STD						
05	3 PIN PLUG SOCKET	1	1	1	1	1	8
	RATING:230V,10A						
06	THERMOSTAT, 30-90 DEC	1	1	1	1	1	8
07	TIMER	1	0	1	0	0	2
	PURPOSE: FOR SPRING CHARGING MOTOR CKT						
	CONTROL VOLTAGE: 110V DC						

08	TIMER	0	1	0	0	0	1
	PURPOSE: FOR CAPACITOR FEEDER CLOSING INTERLOCK						
	CONTROL VOLTAGE: 110V DC						
09	TIMER	0	0	0	4	4	20
	PURPOSE: FOR MOTOR FEEDER SCHEME - ON/OFF DELAY						
	CONTROL VOLTAGE: 110V DC						
10	CASTLE LOCK TYPE:ILB	1	0	0	0	0	1
	MAKE:PS INTERLOCK						
	LEGEND:S2						
11	RT KEY FOR CASTLE LOCK (ONLY FOR ONE INCOMER)	1	0	0	0	0	1
	MAKE:PS INTERLOCK						
	LEGEND:S2						
12	ANTI PUMPING DEVICE	1	1	1	1	1	8
	VOLTAGE - 110V DC, DESIGNATION - 94						
13	AMMETER SELECTOR SWITCH	1	1	1	1	1	8
	DESIGN ATION:A-S/S						
	PANEL QTY	1	1	1	1	4	08
	POSITIONS:R-Y-B-OFF						
14	VOLTMETER SELECTOR SWITCH	1	1	0	0	0	2
	DESIGNATION:V-S/S						
	NO. OF POSITIONS:4						
15	TNC SWITCH WITHOUT BELL ALARM CONTACT	1	1	1	1	1	8
	TYPE -LOCKABLE						
	CONTACTS:1NO IN EACH POSITION						
16	LOCAL REMOTE SWITCH	1	1	1	1	1	8
	TYPE - LOCKABLE						
17	AUTO MANUAL SWITCH	0	0	0	1	1	5
	TYPE - LOCKABLE						
	CONTACTS: 3NO IN EACH POSITION						
18	HOOTER	1	0	0	0	0	1
	AUX SUPPLY: 230V AC						
	CASE SIZE : 96X96 SQMM						
	PURPOSE : FOR DC FAIL ANNUNCIATION						
19	HOOTER	0	0	1	1	1	6
	AUX SUPPLY : 110V DC						
	CASE SIZE : 96X96 SQMM						
	PURPOSE : FOR ANNUNCIATOR CIRCUIT						
20	MCB - DP - 16A - 110V DC	1	1	1	1	1	8
21	MCB-DP-16A-230VAC	1	1	1	1	1	8
22	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	5
23	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	5
	ADD ON 2NO+2NC CONTACT FOR DC CONTACTOR	0	0	0	1	1	5
24	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	5

25	CONTACTOR 110VDC 2NO+2NC	0	1	0	1	1	6
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	1	0	1	1	6
26	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	5
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	0	0	1	1	5
27	CONTACTOR 110VDC2NO+2NC	0	0	0	1	1	5
28	CONTACTOR 110VDC2NO+2NC	0	1	0	1	1	6
29	AUX CONTACTOR 110VDC2N/O+2N/C	1	1	1	1	1	8
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	1	1	1	1	1	8
30	AUX CONTACTOR 110VDC 2N/O+2N/C	0	1	0	1	1	6
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	1	0	1	1	6
31	CONTACTOR 110VDC 2NO+2NC	0	1	0	1	1	6
32	AUX CONTACTOR 110VDC2N/O+2N/C	1	1	1	1	1	8
33	AUX CONTACTOR 110VDC 2N/O+2N/C	1	1	1	1	1	8
34	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	5
	PANEL QTY	1	1	1	1	4	08
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	0	0	1	1	5
35	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	5
	CT&PT						
36	6.6 kv EPOXY CASTED CURRENT TRANSFORMER	3	0	0	0	0	3
	CTR - 2500-1600-800/1+1 A						
	STR-31.5 KA /1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0 + 15VA/5P20						
	BIL-20kV/60 kVp						
	CT SEC-ON P2 SIDE						
	MAKE- CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
37	6.6 KV EPOXY CASTED CURRENT TRANSFORMER	3	0	0	0	0	3
	CTR - 2500-1600-800/1A						
	STR - 31.5kA/1SEC						
	BURDEN/ACC CLASS- PS						
	PS CLASS DETAILS : Vk >= 360V AT 800A RATIO, Imag<= 30mA @ Vk/2						
	BIL-20kV/60kVp						
	CT SEC -ON P1 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
38	6.6 kv EPOXY CASTED CURRENT TRANSFORMER	0	3	0	0	0	3
	CTR - 50/1+1A						
	STR - 9kA/1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0+15VA/SP20						
	BIL-20kV/60kVp						
	CT SEC -ON P2 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
39	6.6 kv EPOXY CASTED CURRENT TRANSFORMER	0	0	3	0	0	3
	CTR - 50/1+1A						
	STR -31.5kA/1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0+15VA/SP20						

	BIL-20kV/60kVp						
	CT SEC -ON P2 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
40	6.6 kV EPOXY CASTED CURRENT TRANSFORMER	0	0	0	3	3	15
	CTR - 200/1+1A						
	STR - 9kA/1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0+15VA/SP20						
	BIL-20kV/60kVp						
	CT SEC -ON P2 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
41	VOLTAGE TRANSFORMER	1	0	0	0	0	1
	TYPE:3PH,3L D/O TYPE, TOP MOUNTED						
	VTR:6600/110V AC						
	BURDEN/ACC.:150VA/CL 1.0						
	VOLTAGE FACTOR - 1.2						
	TYPE- EPOXY RESIN CAST						
	MAKE- CGL/JSL/SILKANS/ECS/STD						
	WIRING : AS PER V1Q0189/2						
	BIL.-20KV/60KVP						
42	EPOXY RESIN CAST VOLTAGE TRANSFORMER	1	0	0	0	0	1
	TYPE: 3PH, 3LIMB CORE COIL						
	VTR: 6600/ROOT3//110/R3						
	BURDEN/ACC:CORE1:150VA/CL1.0						
	PANEL QTY	1	1	1	1	4	08
	CONN:TYPE-STAR-STAR						
	VOLTAGE FACTOR - 1.2 CONTINUOUS						
	RELAYS						
43	3OC +1 EF RELAY	1	1	1	0	0	3
	MAKE_OF_CURRENT_OPRTD_RELAY L&T						
	DESIGNATION OF RELAY MC61A						
	DES_OFCURRENT_OPRTD_RELAY 4.P.IDMTL+INST O/C +E\F RELAY						
	NO.OF POLE/ELEMENT FOR RELAY TRIPLE POLE						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY 121X158X224						
	OVER CURRENT IDMTL SETTING 50% TO 200% OF CT SECONDARY						
	OVER CURRENT INST. SETTING STANDARD CT SECONDARY CURRENT EARTH						
	FAULT IDMTL SETTING 5% TO 80% OF CT SECONDARY						
	EARTH FAULT INST. SETTING STANDARD CT SECONDARY CURRENT						
	CT SECONDARY 5A/1A SELECTABLE						
	DMT OF RELAY 3.0 SEC. (STANDARD)						
	NO. & TYPE OF CONTACTS 4 N/O SR						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 95V TO 240VAC/DC +/-15%						
44	MOTOR PROTECTION RELAY	0	0	0	1	1	5
	MAKE_OF_CURRENT_OPRTD_RELAY L&T						
	DESIGNATION OF RELAY MM30						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY 158(H) X 121(W) X 224(D)						
	CT SECONDARY CURRENT 1A/5A USER SELECTABLE						

	NO. & TYPE OF CONTACTS 4 C/O + 1 C/O FOR SELF SUPERVISION						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 2200 DC						
45	UNDervOLTAGE RELAY	1	1	0	1	1	7
	MAKE OF RELAY L&T						
	DESIGNATION OF RELAY MV12						
	DES OFCURRENT OPRTD RELAY U/V//O/V RELAY						
	NO. OF POLE/ELEMENT FOR RELAY SINGLE POLE						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING D/O TYPE						
	CASE SIZE OF RELAY 71(W)X158(H)X224(D)BEZEL						
	SETTING 20-95%/105-185%						
	CHARACTERASTIC INVERSE/DEFINITE TIME LAG PROGRAMMABLE)						
	NO. & TYPE OF CONTACTS 2C/O SR						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 88-264V DC						
	VT SECONDARY VOLTAGE 110V AC						
46	AUX RELAY DEVICE FOR DC FAIL SCHEME	1	0	0	0	0	1
	WITH BUILT IN ACCEPT PB & DC FAIL INDICATION						
	DC SUPPLY-110V DC						
	AC SUPPLY-230V AC						
	MAKE-CGL/STD						
	MTG-FLUSH						
	CUT OUT-96X48mm						
	PANEL QTY	1	1	1	1	4	08
47	MAKE OF AUXILIARY RELAY EASUN REYROLL	0	0	2	0	0	2
	DESIGNATION/TYPE OF AUXRELAY B33X3						
	TYPE OF MOUNTINGON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY CASE 3N OF ER						
	NO. & TYPE OF CONTACTS 4 N/O HR ON EACH ELEMENT						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 110 VDC						
48	ANNUNCIATOR WITH BUILT IN	0	0	1	0	0	1
	P.B FOR MUTE TEST. ACKNOWLEDGE , RESET						
	NO.OF WINDOWS : 8 WINDOW						
	AUX SUPPLY - 110V DC						
	CASE 2D - 144X144 BEZEL X 215 MM DEPTH						
	PANEL C/O 138X138MM						
	WINDOWS - AS PER MANUFACTURER STANDARD						
	WITH SELECTABLE NO/ NC FAULT CONTACT CONFIGURATION.						
	GROUPING FACILITY REQD.						
	COLOUR FOR WINDOW - RED.						
	W1- OVERCURRENT / EARTH FAULT						
	W2-TRIP CIRCUIT UNHEALTHY						
	W3- BCH TRIP						
	W4- WTI TRIP						
	W5- OTI TRIP						
	W6- BCH ALARM						
	W7- WTI ALARM						
	W8- OTI ALARM						
	MAKE - MINILEC/EQUIVALENT						
49	ANNUNCIATOR WITH BUILT IN	0	0	0	1	1	5
	P.B FOR MUTE TEST, ACKNOWLEDGE , RESET						

	NO.OF WINDOWS : 6 WINDOW						
	AUX SUPPLY - 110V DC						
	CASE 2D - 144X144 BEZEL X 215 MM DEPTH						
	PANEL C/O 138X138MM						
	WINDOWS - AS PER MANUFACTURER STANDARD						
	WITH SELECTABLE NO/ NC FAULT CONTACT CONFIGURATION.						
	GROUPING FACILITY REQD.						
	COLOUR FOR WINDOW - RED.						
	W1- MOTOR PROTECTION RELAY TRIP						
	W2- TRIP CIRCUIT UNHEALTHY						
	W3- HT FUSE FAIL						
	W4- UNDERVOLTAGE RELAY TRIP						
	W5- SPARE						
	W6- SPARE						
	MAKE - MINILEC/EQUIVALENT						
50	MASTER TRIP RELAY	1	1	1	1	1	8
	DESIGNATION/TYPE OF AUX RELAY B24						
	TITLE OF AUX RELAY HIGH SPEED TRIPPING RELAY						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY CASE 1N OF ER						
	NO. & TYPE OF CONTACTS 3N/O+1N/C HR						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 110V DC						
51	TRIP CIRCUIT SUPERVISION RELAY	1	1	1	1	1	8
	MAKE-CGL/STD						
	PANEL QTY	1	1	1	1	4	08
	AUX. VOLTAGE- 110 VDC						
	CASE-96X48mm						
	CONTACTS-1 NO+1NC SR						
52	HT HRC FUSE WITH STRIKER PIN FOR CAPACITOR FEEDER	0	3	0	0	0	3
	CURRENT RATING - 63A						
	MAKE : COOPER BUSSMANN						
	PURPOSE : FOR VACUUM CONTACTOR						
	MODEL : 7.2BDGHC63S - 63A						
	7.2 kV, 40 kA, HV FUSE LINK - SINGLE HOLE						
53	HRC FUSE WITH STRIKER PIN FOR MOTOR FEEDER	0	0	0	3	3	15
	CURRENT RATING - 200A						
	MAKE : COOPER BUSSMANN						
	PURPOSE : FOR VACUUM CONTACTOR						
	NO. OF STARTS/HOUR: 2						
	STARTING TIME : LESS THAN 5 SECONDS						
	MODEL : 7.2WFNMO200 - 200A						
	7.2 kV, 45 KA, HV FUSE LINK						
	METERS						
54	AMMETER 96 SQ MM TRIPPLE SCALE	1	0	0	0	0	1
	TYPE-MISC						
	CT SEC: 1A						
	CT PRIMARY : 2500/1600/800A						
	SCALE - 100% OF CTR						
	DEFLECTION-90 DEG						
	ACC CLASS- 1.0						
	MTG – FLUSH						
	MAKE – RISHABH/STD						

55	AMMETER 96 SQ MM SINGLE SCALE						
	TYPE-MISC						
	CTR: 50/1A FOR OG – C	0	1	0	0	0	1
	CTR: 50/1A FOR OG – T	0	0	1	0	0	1
	ACC CLASS- CL1.0						
	CASE SIZE – 96SQ. MM						
	MAKE – RISHABH/STD						
56	AMMETER 96 SQ MM SUPRESSED SINGLE SCALE						
	TYPE-MISC						
	CTR: 200/1A FOR OG – M	0	0	0	1	1	5
	ACC CLASS- CL1.0						
	CASE SIZE – 96SQ. MM						
	MAKE – RISHABH/STD						
57	ANALOG VOLTMETER	1	1	0	0	0	2
	MAKE : RISHABH/STD						
	SCALE - 0-7.2 kV						
	CASE SIZE : 96 SQMM						
	ACC CLASS: 1.0						
	VT SECONDARY : 110 V AC						
	VT RATIO : 6.6 KV / 110V AC						
58	DIGITAL MULTIFUNCTION METER						
	3 PHASE, 4 WIRE, 3 ELEMENT						
	SUITABLE TO READ V,A,KW,KWH,KVAR, PF, FREQUENCY						
	ACCURACY CLASS: 1.0						
	OVERALL SIZE: 96x96 mm (FLUSH MOUNTING)						
	CTR: 2500/1600/800A FOR IC	1	0	0	0	0	1
	PANEL QTY	1	1	1	1	4	08
	CTR: 50/1A FOR OG – C	0	1	0	0	0	1
	CTR: 50/1A FOR OG – T	0	0	1	0	0	1
	CTR: 200/1A FOR OG – M	0	0	0	1	1	5
	VT RATIO: 6600/110V AC						
	AUXILLIARY VOLTAGE-230V AC						
	MAKE:AE/MECO/RISHABH/IMP/STD						
59	HOUR RUN METER 48 SQMM	0	0	0	1	1	5
	FLUSH MOUNTING TYPE						
	MAKE:KAYCEE/STD						
	SUPPLY VOLATGE:230V AC/50HZ						
60	VACUUM CONTACTOR	0	1	0	1	1	6
	BASIC VACCUM CONTACTOR UNIT WITHIN PANEL						
	MAKE – CGL/STD						
	KV/AMP - 6.6 KV/400A, 9KA/ 1 SEC						
	TYPE - MECHANICALLY LATCHED TYPE						
	OPERATING DUTY AC4 AS PER IEC470						
	AUX CONTACTS - 4NO+4NC						
	AUX VOLTAGE - 110V DC						
	VACCUM CONTACTOR PANEL DULY FITTED WITH CTS						
	AND ALL ACCESSORIES AS PER SCHEME						

TECHNICAL SPECIFICATIONS

(A) SYSTEM PARAMETERS

1.	RATED VOLTAGE	6600V
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2.	RATED FREQUENCY	50HZ
3.	SYSTEM NEUTRAL	EFFECTIVELY EARTHED
4.	FAULT LEVEL	26.3 KA
5	DEGREE OF PROTECTION AS PER IS 3427:1969	IP4X FOR EXTERNAL ENCLOSURE

(B) CONTROL SUPPLY VOLTAGES

1.	CLOSING COIL	110V DC
2.	TRIPPING COIL	110V DC
3.	INDICATION CKT.	110V DC
4.	PANEL SPACE HEATER	230V AC
5.	SPR CHARGE MOTOR	110V 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 INDIPENDENTLY.	
6.	230V AC & 110V 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.	THE OUTER MS SHEET BODY IS AVAILABLE AT SITE. ONLY THE ALL INTERNAL COMPONENTS SHOULD BE REPLACED WITH NEW ONE AS PER THIS BILL OF MATERIAL.	

(D) CIRCUIT BREAKER

1.	APPLICABLE STANDARD	IS 13118/1991
2.	MECHANISM	TRIP FREE
3.	BREAKING CAPACITY	26.3 KA AT 6.6 KV
4.	SHORT TIME RATING	26.3 KA FOR 3 SEC
5.	BASIC INSULATION LEVEL (BIL)	20 KV POWER FRQ. WITHSTAND

		60 KVP LIGHTENING IMPULES
6.	RATED CURRENT	630A
7	VCB MECHANISM	MOTOR OPERATED SPRING CHARGE MECHANISM.

(E) MAIN HORIZONTAL BUSBARS

1.	RATED CURRENT	630A
2.	SHORT TIME RATING	26.3 KA FOR 3 SEC
3.	MATERIAL OF BUSBARS	ALUMINIUM
4.	INSULATION OF BUSBARS	HEAT SHRINKABLE PVC SLEEVES

(F) EARTH BAR

1.	MAERIAL OF EARTH BUS	COPPER
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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.

Office Notice Board.

To,

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

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 5, Bhlood, Tq.Khanapur, Dist.Sangali**. 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.

	PANEL QTY	1	1	1	1	5	09
	DESCRIPTION	I/C	OG-C	OG-T	OG-M1	OG-M2	TOTAL
01	IND. LAMPS LED TYPE MAKE:AS PER CGL STANDARD						
	COLOUR VOLTAGE PURPOSE						
	RED 110V DC VCB ON	1	1	1	1	1	9
	GREEN 110V DC VCB OFF	1	1	1	1	1	9
	BLUE 110V DC SPR. CHR. INDICATION	1	0	1	0	0	2
	AMBER 110V DC AUTOTRIP	1	1	1	1	1	9
	WHITE 110V DC TRIP CKT HEALTHY	1	1	1	1	1	9
	RED 110VAC R PHASE HEALTHY	1	0	0	0	0	1
	YELLOW 110VAC Y PHASE HEALTHY	1	0	0	0	0	1
	BLUE 110VAC B PHASE HEALTHY	1	0	0	0	0	1
	GREEN 110V DC DC SUPPLY HEALTHY	1	0	0	0	0	1
	AMBER 110V DC HT FUSE BLOWN	0	1	0	0	0	1
	GREEN 110V DC VALVE CLOSE	0	0	0	1	1	6
	RED 110V DC VALVE OPEN	0	0	0	1	1	6
	RED 110V AC MOTOR SPACE HEATER ON	0	0	0	1	1	6
	AMBER 110V DC SERVICE POSITION	1	1	1	1	1	9
	CLEAR 1100V DC TEST POSITION	1	1	1	1	1	9
02	P.B. ACTUATOR WITH NO CONTACT	1	1	1	0	0	3
	PURPOSE:TCH CHECK						
03	PANEL ILLUMINATION IAMP	1	1	1	1	1	9
	RATING: 40 WATT, 230V AC						
04	PANEL LAMP HOLDER	1	1	1	1	1	9
	MAKE: ANCHOR/EQUIVALENT						
05	3 PIN PLUG SOCKET	1	1	1	1	1	9
	RATING:230V,10A						
06	THERMOSTAT, 30-90 DEC	1	1	1	1	1	9
07	TIMER	1	0	1	0	0	2
	PURPOSE: FOR SPRING CHARGING MOTOR CKT						
	CONTROL VOLTAGE: 110V DC						

08	TIMER	0	1	0	0	0	1
	PURPOSE: FOR CAPACITOR FEEDER CLOSING INTERLOCK						
	CONTROL VOLTAGE: 110V DC						
09	TIMER	0	0	0	4	4	24
	PURPOSE: FOR MOTOR FEEDER SCHEME - ON/OFF DELAY						
	CONTROL VOLTAGE: 110V DC						
10	CASTLE LOCK TYPE:ILB	1	0	0	0	0	1
	MAKE:PS INTERLOCK						
	LEGEND:S2						
11	RT KEY FOR CASTLE LOCK (ONLY FOR ONE INCOMER)	1	0	0	0	0	1
	MAKE:PS INTERLOCK						
	LEGEND:S2						
12	ANTI PUMPING DEVICE	1	1	1	1	1	9
	VOLTAGE - 110V DC, DESIGNATION - 94						
13	AMMETER SELECTOR SWITCH	1	1	1	1	1	9
	DESIGN ATION:A-S/S						
	PANEL QTY	1	1	1	1	5	09
	POSITIONS:R-Y-B-OFF						
14	VOLTMETER SELECTOR SWITCH	1	1	0	0	0	2
	DESIGNATION:V-S/S						
	NO. OF POSITIONS:4						
15	TNC SWITCH WITHOUT BELL ALARM CONTACT	1	1	1	1	1	9
	TYPE -LOCKABLE						
	CONTACTS:1NO IN EACH POSITION						
16	LOCAL REMOTE SWITCH	1	1	1	1	1	9
	TYPE - LOCKABLE						
17	AUTO MANUAL SWITCH	0	0	0	1	1	6
	TYPE - LOCKASLE						
	CONTACTS: 3NO IN EACH POSITION						
18	HOOTER	1	0	0	0	0	1
	AUX SUPPLY: 230V AC						
	CASE SIZE : 96X96 SQMM						
	PURPOSE : FOR DC FAIL ANNUNCIATION						
19	HOOTER	0	0	1	1	1	7
	AUX SUPPLY : 110V DC						
	CASE SIZE : 96X96 SQMM						
	PURPOSE : FOR ANNUNCIATOR CIRCUIT						
20	MCB - DP - 16A - 110V DC	1	1	1	1	1	9
21	MCB-DP-16A-230VAC	1	1	1	1	1	9
22	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	6
23	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	6
	ADD ON 2NO+2NC CONTACT FOR DC CONTACTOR	0	0	0	1	1	6
24	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	6

25	CONTACTOR 110VDC 2NO+2NC	0	1	0	1	1	7
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	1	0	1	1	7
26	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	6
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	0	0	1	1	6
27	CONTACTOR 110VDC2NO+2NC	0	0	0	1	1	6
28	CONTACTOR 110VDC2NO+2NC	0	1	0	1	1	7
29	AUX CONTACTOR 110VDC2N/0+2N/C	1	1	1	1	1	9
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	1	1	1	1	1	9
30	AUX CONTACTOR 110VDC 2N/O+2N/C	0	1	0	1	1	7
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	1	0	1	1	7
31	CONTACTOR 110VDC 2NO+2NC	0	1	0	1	1	7
32	AUX CONTACTOR 110VDC2N/O+2N/C	1	1	1	1	1	9
33	AUX CONTACTOR 110VDC 2N/O+2N/C	1	1	1	1	1	9
34	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	6
	ADD ON 2NO +2NC CONTACT FOR DC CONTACTOR	0	0	0	1	1	6
	PANEL QTY	1	1	1	1	5	09
35	CONTACTOR 110VDC 2NO+2NC	0	0	0	1	1	6
	CT&PT						
36	6.6 kv EPOXY CASTED CURRENT TRANSFORMER	3	0	0	0	0	3
	CTR - 2500-1600-800/1+1 A						
	STR-31.5 KA /1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0 + 15VA/5P20						
	BIL-20kV/60 kVp						
	CT SEC-ON P2 SIDE						
	MAKE- CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
37	6.6 KV EPOXY CASTED CURRENT TRANSFORMER	3	0	0	0	0	3
	CTR - 2500-1600-800/1A						
	STR - 31.5kA/1SEC						
	BURDEN/ACC CLASS- PS						
	PS CLASS DETAILS : Vk >= 360V AT 800A RATIO, Imag<= 30mA @ Vk/2						
	BIL-20kV/60kVp						
	CT SEC -ON P1 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
38	6.6 kv EPOXY CASTED CURRENT TRANSFORMER	0	3	0	0	0	3
	CTR - 50/1+1A						
	STR - 9kA/1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0+15VA/SP20						
	BIL-20kV/60kVp						
	CT SEC -ON P2 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
39	6.6 kv EPOXY CASTED CURRENT TRANSFORMER	0	0	3	0	0	3
	CTR - 50/1+1A						
	STR -31.5kA/1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0+15VA/SP20						
	BIL-20kV/60kVp						

	CT SEC -ON P2 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
40	6.6 kV EPOXY CASTED CURRENT TRANSFORMER	0	0	0	3	3	18
	CTR - 200/1+1A						
	STR - 9kA/1SEC						
	BURDEN/ACC CLASS- 15VA/CL1.0+15VA/SP20						
	BIL-20kV/60kVp						
	CT SEC -ON P2 SIDE						
	MAKE-CGL/SILKANS/SGELECTRICALS/EQUIVALENT						
41	VOLTAGE TRANSFORMER	1	0	0	0	0	1
	TYPE:3PH,3L D/O TYPE, TOP MOUNTED						
	VTR:6600/110V AC						
	BURDEN/ACC.:100VA/CL 1.0						
	VOLTAGE FACTOR - 1.2						
	TYPE- EPOXY RESIN CAST						
	MAKE- CGL/JSL/SILKANS/ECS/STD						
	WIRING : AS PER V1Q0189/2						
	BIL.-20KV/60KVP						
42	EPOXY RESIN CAST VOLTAGE TRANSFORMER	1	0	0	0	0	1
	TYPE: 3PH, 3LIMB CORE COIL						
	VTR: 6600/ROOT3//110/R3						
	BURDEN/ACC:CORE1:150VA/CL1.0						
	CONN:TYPE-STAR-STAR						
	VOLTAGE FACTOR - 1.2 CONTINUOUS						
	PANEL QTY	1	1	1	1	5	09
	RELAYS						
43	3OC +1 EF RELAY	1	1	1	0	0	3
	MAKE OF CURRENT OPRTD_RELAY L&T						
	DESIGNATION OF RELAY MC61A						
	DES_OFCURRENT_OPRTD_RELAY 4.P.IDMTL+INST O/C +E\F RELAY						
	NO.OF POLE/ELEMENT FOR RELAY TRIPLE POLE						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY 121X158X224						
	OVER CURRENT IDMTL SETTING 50% TO 200% OF CT SECONDARY						
	OVER CURRENT INST. SETTING STANDARD CT SECONDARY CURRENT EARTH						
	FAULT IDMTL SETTING 5% TO 80% OF CT SECONDARY						
	EARTH FAULT INST. SETTING STANDARD CT SECONDARY CURRENT						
	CT SECONDARY 5A/1A SELECTABLE						
	DMT OF RELAY 3.0 SEC. (STANDARD)						
	NO. & TYPE OF CONTACTS 4 N/O SR						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 95V TO 240VAC/DC +/-15%						
44	MOTOR PROTECTION RELAY	0	0	0	1	1	6
	MAKE_OF_CURRENT_OPRTD_RELAY L&T						
	DESIGNATION OF RELAY MM30						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY 158(H) X 121(W) X 224(D)						
	CT SECONDARY CURRENT 1A/5A USER SELECTABLE						
	NO. & TYPE OF CONTACTS 4 C/O + 1 C/O FOR SELF SUPERVISION						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 2200 DC						

45	UNDervOLTAGE RELAY	1	1	0	1	1	8
	MAKE OF RELAY L&T						
	DESIGNATION OF RELAY MV12						
	DES. OF CURRENT OPRTD RELAY U/V//O/V RELAY						
	NO. OF POLE/ELEMENT FOR RELAY SINGLE POLE						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING D/O TYPE						
	CASE SIZE OF RELAY 71(W)X158(H)X224(D)BEZEL						
	SETTING 20-95%/105-185%						
	CHARACTERASTIC INVERSE/DEFINITE TIME LAG						
	PROGRAMMABLE)						
	NO. & TYPE OF CONTACTS 2C/O SR						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 88-264V DC						
	VT SECONDARY VOLTAGE 110V AC						
46	AUX RELAY DEVICE FOR DC FAIL SCHEME	1	0	0	0	0	1
	WITH BUILT IN ACCEPT PB & DC FAIL INDICATION						
	DC SUPPLY-110V DC						
	AC SUPPLY-230V AC						
	MAKE-CGL						
	MTG-FLUSH						
	CUT OUT-96X48mm						
47	MAKE OF AUXILIARY RELAY EASUN REYROLL	0	0	2	0	0	2
	DESIGNATION/TYPE OF AUXRELAY B33X3						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY CASE 3N OF ER						
	PANEL QTY	1	1	1	1	5	09
	NO. & TYPE OF CONTACTS 4 N/O HR ON EACH ELEMENT						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 110 VDC						
48	ANNUNCIATOR WITH BUILT IN	0	0	1	0	0	1
	P.B FOR MUTE TEST. ACKNOWLEDGE , RESET						
	NO.OF WINDOWS : 8 WINDOW						
	AUX SUPPLY - 110V DC						
	CASE 2D - 144X144 BEZEL X 215 MM DEPTH						
	PANEL C/O 138X138MM						
	WINDOWS - AS PER MANUFACTURER STANDARD						
	WITH SELECTABLE NO/ NC FAULT CONTACT CONFIGURATION.						
	GROUPING FACILITY REQD.						
	COLOUR FOR WINDOW - RED.						
	W1- OVERCURRENT / EARTH FAULT						
	W2-TRIP CIRCUIT UNHEALTHY						
	W3- BCH TRIP						
	W4- WTI TRIP						
	W5- OTI TRIP						
	W6- BCH ALARM						
	W7- WTI ALARM						
	W8- OTI ALARM						
	MAKE - MINILEC/EQUIVALENT						
49	ANNUNCIATOR WITH BUILT IN	0	0	0	1	1	6
	P.B FOR MUTE JEST, ACKNOWLEDGE , RESET						
	NO.OF WINDOWS : 6 WINDOW						
	AUX SUPPLY - 110V DC						
	CASE 2D - 144X144 BEZEL X 215 MM DEPTH						
	PANEL C/O 138X138MM						

	WINDOWS - AS PER MANUFACTURER STANDARD						
	WITH SELECTABLE NO/ NC FAULT CONTACT CONFIGURATION.						
	GROUPING FACILITY REQD.						
	COLOUR FOR WINDOW - RED.						
	W1- MOTOR PROTECTION RELAY TRIP						
	W2- TRIP CIRCUIT UNHEALTHY						
	W3- HT FUSE FAIL						
	W4- UNDERVOLTAGE RELAY TRIP						
	W5- SPARE						
	W6- SPARE						
	MAKE - MINILEC/EQUIVALENT						
50	MASTER TRIP RELAY	1	1	1	1	1	9
	DESIGNATION/TYPE OF AUX RELAY B24						
	TITLE OF AUX RELAY HIGH SPEED TRIPPING RELAY						
	TYPE OF MOUNTING ON PANEL FLUSH MOUNTING TYPE						
	CASE SIZE OF RELAY CASE 1N OF ER						
	NO. & TYPE OF CONTACTS 3N/O+1N/C HR						
	RELAY FLAG FLAG REQUIRED						
	AUXILLIARY SUPPLY AC/DC 110V DC						
51	TRIP CIRCUIT SUPERVISION RELAY	1	1	1	1	1	9
	MAKE-CGL/STD						
	AUX. VOLTAGE- 110 VDC						
	CASE-96X48mm						
	CONTACTS-1 NO+1NC SR						
52	HT HRC FUSE WITH STRIKER PIN FOR CAPACITOR FEEDER	0	3	0	0	0	3
	PANEL QTY	1	1	1	1	5	09
	CURRENT RATING - 63A						
	MAKE : COOPER BUSSMANN						
	PURPOSE : FOR VACUUM CONTACTOR						
	MODEL : 7.2BDGHC63S - 63A						
	7.2 kV, 40 kA, HV FUSE LINK - SINGLE HOLE						
53	HRC FUSE WITH STRIKER PIN FOR MOTOR FEEDER	0	0	0	3	3	18
	CURRENT RATING - 200A						
	MAKE : COOPER BUSSMANN						
	PURPOSE : FOR VACUUM CONTACTOR						
	NO. OF STARTS/HOUR: 2						
	STARTING TIME : LESS THAN 5 SECONDS						
	MODEL : 7.2WFNMO200 - 200A						
	7.2 kV, 45 KA, HV FUSE LINK						
	METERS						
54	AMMETER 96 SQ MM TRIPPLE SCALE	1	0	0	0	0	1
	TYPE-MISC						
	CT SEC: 1A						
	CT PRIMARY : 2500/1600/800A						
	SCALE - 100% OF CTR						
	DEFLECTION-90 DEG						
	ACC CLASS- 1.0						
	MTG – FLUSH						
	MAKE – RISHABH/STD						
55	AMMETER 96 SQ MM SINGLE SCALE						
	TYPE-MISC						
	CTR: 50/1A FOR OG – C	0	1	0	0	0	1
	CTR: 50/1A FOR OG – T	0	0	1	0	0	1

	ACC CLASS- CL1.0						
	CASE SIZE – 96SQ. MM						
	MAKE – RISHABH/STD						
56	AMMETER 96 SQ MM SUPRESSED SINGLE SCALE						
	TYPE-MISC						
	CTR: 200/1A FOR OG – M	0	0	0	1	1	6
	ACC CLASS- CL1.0						
	CASE SIZE – 96SQ. MM						
	MAKE – RISHABH/STD						
57	ANALOG VOLTMETER	1	1	0	0	0	2
	MAKE : RISHABH/STD						
	SCALE - 0-7.2 kV						
	CASE SIZE : 96 SQMM						
	ACC CLASS: 1.0						
	VT SECONDARY : 110 V AC						
	VT RATIO : 6.6 KV / 110V AC						
58	DIGITAL MULTIFUNCTION METER						
	3 PHASE, 4 WIRE, 3 ELEMENT						
	SUITABLE TO READ V,A,KW,KWH,KVAR, PF, FREQUENCY						
	ACCURACY CLASS: 1.0						
	OVERALL SIZE: 96x96 mm (FLUSH MOUNTING)						
	CTR: 2500/1600/800A FOR IC	1	0	0	0	0	1
	CTR: 50/1A FOR OG – C	0	1	0	0	0	1
	CTR: 50/1A FOR OG – T	0	0	1	0	0	1
	CTR: 200/1A FOR OG – TN	0	0	0	1	1	6
	VT RATIO: 6600/110V AC						
	AUXILLIARY VOLTAGE-230V AC						
	MAKE:AE/MECO/RISHABH/IMP/STD						
	PANEL QTY	1	1	1	1	5	09
59	HOUR RUN METER 48 SQMM	0	0	0	1	1	6
	FLUSH MOUNTING TYPE						
	MAKE:KAYCEE/STD						
	SUPPLY VOLATGE:230V AC/50HZ						
60	VACUUM CONTACTOR	0	1	0	1	1	7
	BASIC VACCUM CONTACTOR UNIT WITHIN PANEL						
	MAKE – CGL/STD						
	KV/AMP - 6.6 KV/400A, 9KA/ 1 SEC						
	TYPE - MECHANICALLY LATCHED TYPE						
	OPERATING DUTY AC4 AS PER IEC470						
	AUX CONTACTS - 4NO+4NC						
	AUX VOLTAGE - 110V DC						
	VACCUM CONTACTOR PANEL DULY FITTED WITH CTS						
	AND ALL ACCESSORIES AS PER SCHEME						

TECHNICAL SPECIFICATIONS

(A) SYSTEM PARAMETERS

1.	RATED VOLTAGE	6600V
2.	RATED FREQUENCY	50HZ
3.	SYSTEM NEUTRAL	EFFECTIVELY EARTHED
4.	FAULT LEVEL	26.3 KA
5	DEGREE OF PROTECTION AS P0ER IS 3427:1969	IP4X FOR EXTERNAL ENCLOSURE

(B) CONTROL SUPPLY VOLTAGES

1.	CLOSING COIL	110V DC
2.	TRIPPING COIL	110V DC
3.	INDICATION CKT.	110V DC
4.	PANEL SPACE HEATER	230V AC
5.	SPR CHARGE MOTOR	110V 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 INDIPENDENTLY.
6.	230V AC & 110V 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.	THE OUTER MS SHEET BODY IS AVAILABLE AT SITE. ONLY THE ALL INTERNAL COMPONENTS SHOULD BE REPLACED WITH NEW ONE AS PER THIS BILL OF MATERIAL.

(D) CIRCUIT BREAKER

1.	APPLICABLE STANDARD	IS 13118/1991
2.	MECHANISM	TRIP FREE
3.	BREAKING CAPACITY	26.3 KA AT 6.6 KV
4.	SHORT TIME RATING	26.3 KA FOR 3 SEC
5.	BASIC INSULATION LEVEL (BIL)	20 KV POWER FRQ. WITHSTAND 60 KVP LIGHTENING IMPULES
6.	RATED CURRENT	630A
7.	VCB MECHANISM	MOTOR OPERATED SPRING CHARGE MECHANISM.

(E) MAIN HORIZONTAL BUSBARS

1.	RATED CURRENT	630A
2.	SHORT TIME RATING	26.3 KA FOR 3 SEC
3.	MATERIAL OF BUSBARS	ALUMINIUM
4.	INSULATION OF BUSBARS	HEAT SHRINKABLE PVC SLEEVES

(F) EARTH BAR

1.	MAERIAL OF EARTH BUS	COPPER
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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.

Office Notice Board.