



DHARIA SWITCHGEAR & CONTROLS PVT. LTD.

Plot No- D-3, Phase-II , MIDC, Near Pimpleshwar Mandir, Village-Sagaon, Dombivali (East), Maharashtra- 421204
E-Mail : dscpl@dhariaswitchgear.com; sales@dhariaswitchgear.com

TECHNO-COMMERCIAL OFFER

(Revised.R1)

15-Apr-2023

2304-002. **R1**

Phone :

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M/s. G.V.R. Innopolis Research Centre. Pvt. Ltd.,
GENOME VALLEY,
Life Sciences Park, Hyderabad

Kind attention **Mr. Sayed Waseem Akhtar.**

Subject Your Enquiry dated 08.04.23, For Fire Pump Panel

Referece Your mail dtd: 08.04.23

Dear Sirs

With reference to your subject enquiry, we are please to submit our Techno-Commercial offer as follows :-
The scope of supply :

Item	Description	Qty
Item # 1	Fire Fighting Engine Panel	1 No

Attached please find our detailed offer comprising of ;

Annexure-I : Technical Specification and Make of Components
Annexure-II : Technical / Deviation sheet.
Annexure-III : Bill of Material with overall dimensions and size of Busbar.
Annexure-IV : Price Schedule and Commercial Terms.

We hope you will find our revised offer in line with your requirement and request you to amend the PO accordingly.

Thanking you,

Yours faithfully

For Dharia Switchgear & Controls Pvt Ltd

Mahesh Katgeri / Ganesh Ghodmode
Sales Team
9833381491 / 8898426619

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			Offer No	2304-002.R1
			Date	15/04/2023
Annexure-III BILL OF MATERIAL				
Sr. No.	Description	Model No.	Make	Qty. Req.
	Item # 1	Fire Fighting Engine Panel		
1	General GA Enclosure: GA ENCLOSURE Powder Coating: Enclosure Size: 2000mm (L) x 2275mm (H) x 560mm (D)-Single front; Cable Entry: Top			
2	Busbar Material: Alluminium 0.8 Current density Main Bus Position: Bottom) RYB : 1 x 40 x 10 N : 1 x 40 x 5 E : 1 x 50 x 10 -Al Control BB: 4 x 5 x 5			
A MAIN INCOMER				
1	250A TP(N) MCCB IC:			1
1	250A,TP MCCB 50kA, With Microprocessor Release (MCCB dsine DN2-250N) MTX 2.0	CM920550000AG	L&T	1
2	Auxiliary switch 1 C/O+1 C/O Trip aux contact (ACC DN3 Right)	CM998040000	L&T	1
3	Extended Rotary Handle (ACC dsine DN2 ROM Panel mounting)	CM998300000	L&T	1
4	Spreader links (Set of 6) (ACC SPREADER TERMINALS-DN3-400A 3P)	ST980650000	L&T	2
5	Shunt Release, 240V AC (DN3)	CM998050000	L&T	1
6	160A, DIN Type Isolating Link, Size 2	3NG1000	Siemens	1
7	160A, Fuse Base, Size 2, Suitable for fuselink Type:3NA7 2	3NH3032-ORC	Siemens	1
8	250A/5A, 10VA, CI-1, Current Transformer for metering	-	Newtek / RECO	3
9	MFM 5010 LED meter CI 1 with RS485, CTR 2000/5A	WL5010110000	L&T	1
10	Digital Ammeter , Range 0-250A, 3Ph, Flush mounting 96x96mm, (CTR 400A/5A), Accuracy class 1	WL1310100000	L&T	1
11	Digital Voltmeter, Flush mounting 96x96, 3Ph, Range 0-500V, Accuracy class 1	WL1320100000	L&T	1
12	Red, Emergency Stop Push Button	EMNRMH1	L&T	1
13	1NO Contact block for rear mounting for panel mounting	EC1C.	L&T	2
14	Red phase Indicating Lamp (LED),240V AC	EPLR240A	L&T	1
15	Yellow phase Indicating Lamp (LED),240V AC	EPLY240A	L&T	1
16	Blue phase Indicating Lamp (LED),240V AC	EPLB240A	L&T	1
17	Red (ON) Indicating Lamp (LED),240V AC	EPLR240A	L&T	1
18	Green (OFF) Indicating Lamp (LED),240V AC	EPLG240A	L&T	1
19	Amber (TRIP) Indicating Lamp (LED),240V AC	EPLA240A	L&T	1
20	6A Fuses Link, 415V AC, type : HF, Size : 14 X 51, 80kA.	SF90146	L&T	4
21	32A Fuse Base, 415V AC, type : HCO 32, suitable for Fuse type:HF.	SK91314	L&T	4
22	20A,Neutral links	-	Cands	2
2 SP Htr and Thermostat				
1	30 - 85 Degree Thermostate	THERMOSTATE	APT	3
2	100Watts, 220-240V AC, 1Ph, Panel Space Heater	HEATER	APT	3
3	6A DP,MCB, 10kA	BB20060C	L&T	3
4	5A 3Pin socket		Anchor	3
5	11 Watt LED Tube light		Reputed	3
B OUT GOING FEEDERS:				
3	45KW STAR-DELTA STARTER (Main Pump-1 &2):			2
1	160A, 50KA, TP MCCB with Thermal Magnetic Release (MCCB dsine DN1-160M).	CM9034500MO	L&T	2
2	Extended Door Mounted Rotary Operator. (DN1)	CM980410000	L&T	2
3	Auxiliary Switch (AUX) (1 C/O) (DN1)	CM978860000	L&T	2
4	Spreader Links - Set of 6 (DN1)	EM906090000	L&T	4
5	95A, TP, AC3 Power Contactor, Coil : 240V AC, MO 95, Fr 3.	CS94577 B000	L&T	4
6	1 NO + 1 NC Front ADD On Aux. block for MO 09-110.	CS94592 0000	L&T	4
8	70A, TP, AC3 Power Contactor, Coil : 240V AC, MO 70, Fr 2.	CS94574B 000	L&T	2
9	2NO+2NC Front ADD On contact block for MO 09-110.	CS94596 0000	L&T	2
10	Thermal OLR (37-49A) (Separate Mounting) Type RTO-3 (Directly operated)	CS96304OOGO	L&T	2
11	Reset Cord for Thermal OLR-650 mm (For RTO Relay)	CS909420000	L&T	2

12	10A, Auto/Manual Selector Switch, 2 Pole, 2 Way, with NO OFF, 250V AC/DC.	2S26B	Kaycee	2
13	Red, normal opaque actuator with holder for contact block modular push button	EMNRFD1	L&T	2
14	Contact Block 1 NC for Push Button	EC2C	L&T	2
15	Green, normal opaque actuator with holder for contact block modular push button	EMNGFD1	L&T	2
16	Contact Block 1 NC for Push Button	EC2C	L&T	2
17	Star delta timer, Micon 175 SD Timer 240VAC/24VAC/DC, 60ms	12SDT0	L&T	2
18	Red (ON) Indicating Lamp (LED),240V AC	EPLR240A	L&T	2
19	Green (OFF) Indicating Lamp (LED),240V AC	EPLG240A	L&T	2
20	Amber (TRIP) Indicating Lamp (LED),240V AC	EPLA240A	L&T	2
21	Blue (PRESSURE OK) Indicating Lamp (LED),240V AC	EPLB240A	L&T	2
22	10A, Aux. Contactor, 2NO+2NC, AC 240V Coil, (MO 0AC) (2NO+2NC) Contactor 240 V 50/60 Hz)	CS91625B000	L&T	4
23	6A Fuses Link, 415V AC, type : HG, Size : 14 X 51, 80kA.	SF90146	L&T	2
24	32A Fuse Base, 415V AC, type : HCO , suitable for Fuse type:HF.	SK91314	L&T	2
25	20A,Neutral links	-	Cands	4
26	Thermister Relay,230V AC Coil vtg. with1C/O contact for sensing motor winding temperature through PTC Thermistors. Winding overheating sensor short, sensor open faults, suitable for single, triple for 6/9/12 PTCs	S2-WTR1	Minilec	2
27	24V DC, 5A, DPDT Plug-in-Relay with 2C/O Contact.	MY2N DC24 BY OMZ	Omron	8
28	Socket for above Plug-in-Relay, DIN Rail mouting.	PYF08A-E NBY OMZ	Omron	8
4	5.5KW DOL STARTER (Jockey Pump-1 &2):			2
1	13A, 3P, MPCB, 50kA, 415V AC, 50Hz. for Motor Application (Type MOG-H1)	ST41914O000	L&T	2
2	Extended Rotary Handle (Type MOG)	ST41955O000	L&T	2
3	Auxiliary Contact Left Side Mtg 1NO+1NC (Type MOG)	ST41945O000	L&T	2
4	25A, TP, AC3 Power Contactor, Coil : 240V AC, MO 25, Fr 1.	CS94567 B000	L&T	2
5	2NO+2NC Auxiliary Contact Blocks for snapping onto the front For MO 9-110	CS94596O000	L&T	2
6	1NO+1NC Auxiliary Contact Blocks for snapping onto the first left side mounting For MO 9-110	CS94592O000	L&T	2
7	10A, Aux. Contactor, 2NO+2NC, AC 240V Coil, (MO 0AC) (2NO+2NC) Contactor 240 V 50/60 Hz)	CS91625B000	L&T	2
8	Thermal OLR (8.5-12.5) Type RTO 1 (Directly operated)	CS96355O0AO	L&T	2
9	Reset Cord for Thermal OLR-650 mm	SB94208O000	L&T	2
10	10A, Auto/Manual Selector Switch, 2 Pole, 2 Way, with NO OFF, 250V AC/DC.	2S26B	Kaycee	2
11	Red, normal opaque actuator with holder for contact block modular push button	EMNRFD1	L&T	2
12	Contact Block 1 NC for Push Button	EC2C	L&T	2
13	Red (ON) Indicating Lamp (LED),240V AC	EPLR240A	L&T	2
14	Green (OFF) Indicating Lamp (LED),240V AC	EPLG240A	L&T	2
15	Amber (TRIP) Indicating Lamp (LED),240V AC	EPLA240A	L&T	2
16	6A Fuses Link, 415V AC, type : HG, Size : 14 X 51, 80kA.	SF90146	L&T	2
17	32A Fuse Base, 415V AC, type : HCO , suitable for Fuse type:HF.	SK91314	L&T	2
18	20A,Neutral links	-	Cands	2
19	24V DC, 5A, DPDT Plug-in-Relay with 2C/O Contact.	MY2N DC24 BY OMZ	Omron	12
20	Socket for above Plug-in-Relay, DIN Rail mouting.	PYF08A-E NBY OMZ	Omron	12
5	7.5KW DOL STARTER (Booster Pump):			1
1	16A, 3P, MPCB, 50kA, 415V AC, 50Hz. for Motor Application (Type MOG-H1)	ST41915O000	L&T	1
2	Extended Rotary Handle (Type MOG)	ST41955O000	L&T	1
3	Auxiliary Contact Left Side Mtg 1NO+1NC (Type MOG)	ST41945O000	L&T	1
4	25A, TP, AC3 Power Contactor, Coil : 240V AC, MO 25, Fr 1.	CS94567 B000	L&T	1
5	2NO+2NC Auxiliary Contact Blocks for snapping onto the front For MO 9-110	CS94596O000	L&T	1
6	1NO+1NC Auxiliary Contact Blocks for snapping onto the first left side mounting For MO 9-110	CS94592O000	L&T	1
7	10A, Aux. Contactor, 2NO+2NC, AC 240V Coil, (MO 0AC) (2NO+2NC) Contactor 240 V 50/60 Hz)	CS91625B000	L&T	1
8	Thermal OLR (8.5-12.5) Type RTO 1 (Directly operated)	CS96355O0AO	L&T	1
9	Reset Cord for Thermal OLR-650 mm	SB94208O000	L&T	1
10	10A, Auto/Manual Selector Switch, 2 Pole, 2 Way, with NO OFF, 250V AC/DC.	2S26B	Kaycee	1
11	Red, normal opaque actuator with holder for contact block modular push button	EMNRFD1	L&T	1
12	Contact Block 1 NC for Push Button	EC2C	L&T	1
13	Red (ON) Indicating Lamp (LED),240V AC	EPLR240A	L&T	1
14	Green (OFF) Indicating Lamp (LED),240V AC	EPLG240A	L&T	1

15	Amber (TRIP) Indicating Lamp (LED),240V AC	EPLA240A	L&T	1
16	6A Fuses Link, 415V AC, type : HG, Size : 14 X 51, 80kA.	SF90146	L&T	1
17	32A Fuse Base, 415V AC, type : HCO , suitable for Fuse type:HF.	SK91314	L&T	1
18	20A,Neutral links	-	Cands	1
19	24V DC, 5A, DPDT Plug-in-Relay with 2C/O Contact.	MY2N DC24 BY OMZ	Omron	6
20	Socket for above Plug-in-Relay, DIN Rail mouting.	PYF08A-E NBY OMZ	Omron	6
6	32A TPN MCCB OUTGOING FEEDER:			1
1	32A,TP MCCB 50kA, with Thermal Magnetic Release (MCCB dsine DZ1-160N)	DZ1T0032NXC1A0000	L&T	1
2	Extended Rotary Handle (DZ1)	EM902090000	L&T	1
3	Isolating Neutral link	-	Reputed	1
7	63A TPN MCCB OUTGOING FEEDER:			1
1	63A,TP MCCB 50kA, with Thermal Magnetic Release (MCCB dsine DZ1-160N)	DZ1T0063NXD1A0000	L&T	1
2	Extended Rotary Handle (DZ1)	EM902090000	L&T	1
3	Isolating Neutral link	-	Reputed	1

Annexure-IV Price Schedule and Commercial Terms.			
Offer No	2304-002.R1	Date	15/Apr/23

Price (F.O.R. Site)	Qty	Unit Price (Rs.)	Total Price (Rs.)
Item # 1 Fire Fighting Engine Panel	1 No	6,72,100 /-	6,72,100 /-
Grand Total ...			6,72,100 /-

FREIGHT & INSURANCE

Included

PACKING

Included in the offer

GST

This will be charged extra @ 18%.

INSPECTION / TESTING

Panel will be offer for inspection within 12 weeks from the date of receipt of manufacturing clearance.

Drawing will be submitted by us within 2 weeks from the date of receipt of your Purchase Order

The delivery indicated by us is "**Subject to force majeure conditions**".

PAYMENT

30% of the value along with the Purchase Order against and balance 70% with applicable taxes and duties against Proforma invoice.

GUARANTEE

Our equipment are guaranteed for 12 months from the date of commissioning or 18 months from date of dispatch, whichever is earlier. In case of any defect in specific component, it will be replaced free of cost. However the equipments are to be installed & maintained as per relevant Indian Standard.

VALIDITY

This offer is valid for 30 days since this day and thereafter subject to confirmation from our side.

We hope you will find our revised offer in line with your requirement and request you to amend the PO accordingly.

Thanking you

Yours faithfully

For Dharia Switchgear & Controls Pvt Ltd

Mahesh Katgeri / Ganesh Ghodmode

Sales Team