



QUOTATION

Annexure 'I'

Sr. No	Product Description	Quantity	Unit	Unit Price	Amount
1	PUMP HOUSE PANEL	1.00	No.	689300.00	689300.00
Total Qty:		1.00		Available Amount:	689300.00
				SGST:	62037.00
				CGST:	62037.00
				Total Amount:	INR 813374.00

Discussed with Mr. Lebas and out agreed to reduce price further

Final agreed R. 6,50,000

Amount In Words: INR EIGHT LAKHS THIRTEEN THOUSAND THREE HUNDRED SEVENTY-FOUR ONLY

Payments Terms

30% adv. & bal. before delivery against PI

28/01/23

GA Drawing attached

Annexure 'II'

Terms & Conditions:-

PRICES: POLE BASIS! FOR-JAL BWP.

Unless mentioned otherwise in the offer, all prices indicated herein are unit prices for supply Exworks/ F.O.R. Khushkhhera basis, exclusive/ inclusive of packing but exclusive of Transit Insurance, GST, Octroi etc "All the above-mentioned charges and levies & any other unforeseen taxes, duties & levies shall be charged extra to the Customer's account at actual at the rates prevailing at the time of invoicing Statutory Variation of Govt. Taxes, duties, levies etc shall be to customer's account. EXPERT ENGINEERS has quoted the price considering the full quantity order placed on them. In case the Customer wishes to place part quantity, EXPERT ENGINEERS reserve the right to change the offer prices & other terms of supply

The prices quoted are Firm / Subject to the IEEMA Variation Clause without ceiling/ limit, enclosed separately.

The price quoted is strictly for supply of equipment within contractual delivery period but not exceeding from the date of agreed Contractual Delivery Date. The contractual price would be subject to our renegotiation if delivery is delayed beyond the above calendar month, for whatever be the reason

DELIVERY PERIOD: → 25 to 30 days from the date of order

The material shall be dispatched from our works within 6-8 weeks from the date of receipt of techno-commercial clear order. The date of dispatch shall be reckoned from the date of receipt of the date of receipt by us of your fully clear order, advance and approval of drawings, whichever is last

The delivery of the equipment is based on the present-day shop-loading and shall be subjected to our confirmation at the time finalization of the order.

The delivery schedule indicated is in good faith and is subject to Force Major Clause

Expert Engineers

G1-287, RIICO Industrial Area Khushkhhera, Bhiwadi, Distt Alwar, Bhiwadi, Rajasthan, 9711377735, sales@experteengineers.co.in

Prepared By: poojakumari

→ GST: 18% Extra
→ Payment: within 5 days from the date of receipt of panel.
→ Warranty: one year from the date of Commissioning
→ Technical person will be deployed by party for due



QUOTATION

QT.NO : QUD0928/2022-23-R4
QT Date : 25-11-2022 00:00:00

Enquiry No. : ENQ1241/2022-23
Enquiry Date : 24-Nov-2022

To,
M/s. Jindal Aluminium Limited
SP- 2/333, RIICO Industrial Area, Bhiwadi, Dist. Alwar Rajasthan 301019
Kind Attn: Vikram Jeet (9900032152)
Email : vikramjeet@jindalaluminium.com

Project Name : Offer required for Pump house panel

Subject : Offer required for Pump house panel

Dear Sir,

We acknowledge with thanks the receipt of your enquiry for your requirement for above mentioned subject and we are glad to furnish our most reasonable and competitive offer for the Control Panel as per your specifications

We are pleased to submit our offer as mentioned below -

Annexure I : Price Schedule
Annexure II : Commercial Terms & Condition
Annexure III : Technical Specifications
Annexure IV : Bill of Materials

We hope that the offer will be in line with your requirement and please feel free to contact us in case you have any query.

Thanking you,
Yours faithfully
for EXPERT ENGINEERS

Lokesh Gupta
Regional Sales Manager
9717797659

Expert Engineers

G1-287, RIICO Industrial Area Khushkhera, Bhiwadi, Distt Alwar, Bhiwadi, Rajasthan, 9711377735, sales@expertengineers.co.in



Bill of Materials:

PUMP HOUSE PANEL			BOARD QTY		
A	INCOMER		1	FEEDER QTY	1
SR. NO.	BOQDESCRIPTION	MAKE	CATALOG NUMBER	QTY	TOTAL QTY
1	800A 3P Frame Size:1 MDO ACB, Release: ETU37WT: LSING+Display, Type:3WT	SIEMENS	3WT8081-6AA04-5AB2	1	1
2	Multifunction Energy Meter with RS485, Parameters: Volts, Amps, PF, THD, F, W, Wh, VA, VAh, Var, Varh, Runhrs, Onhrs, Interrupts, Preloaded Demand & Import/Export, Acc. Cl: 1, Model: EM6400NG	SCHNEIDER	METSEEM6400NGRSCL1	1	1
3	800/5A 15VA Acc. Cl: 1 Ring Type Current Transformer	AE	NA	3	3
4	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
5	Yellow Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLY240A	1	1
6	Blue Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLB240A	1	1
7	6A 1P 10kA C-Curve MCB	SIEMENS	5SL41067RC	4	4
8	Fan With Filter	Reputed		1	1
9	Space Heater With Thermostat + Power Socket	Reputed		1	1
10	6A 2P 10kA C-Curve MCB	SIEMENS	5SL42067RC	1	1
45KW SDS			1	FEEDER QTY	2
1	100A 3P 55kA MCCB Motor Starter Protection, Release: Magnetic Release(Adjustable Magnetic Trip Unit), Type: 3VA11	SIEMENS	3VA1110-5MH32-0AA0	1	2
2	Spreader Links - Broadened (with phase barriers) (one set = 3 links+ 2 phase barriers) for 3 Pole, 3VA10/11 100A/160A	SIEMENS	3VA9153-0QC50	2	4
3	AC3: 85A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 2NO+2NC, Size: S4, Type: 3TF	SIEMENS	3TF4922-0AP02A01	2	4
4	AC3: 45A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 2NO+2NC, Size: S3, Type: 3TF	SIEMENS	3TF4802-0AP02A01	1	2
5	36-45A Thermal Overload Relay, Contactor Mounting: 3TF34/35/44/45, Type: 3UA35	SIEMENS	3UA5500-8M	1	2
6	Auxiliary Contact Block, Contacts: Second 1 NO+1 NC Left / Second 1NO + 1NC Right, for 3TF 46 to 3TF 57	SIEMENS	3TY2561-1KA008K	4	8
7	Star Delta Timer, Time Setting: 0.3sec - 120sec, Voltage: 24-240VAC/DC, Contact: 1NO (Star) + 1NO (Delta)	GIC	L2SDT0	1	2
8	Red Flush Head Push Button 22.5 mm	ESBEE	EMNRFD1	1	2
9	Green Flush Head Push Button 22.5 mm	ESBEE	EMNGFD1	1	2
10	1NO Contact Block	ESBEE	EC1C	1	2
11	1NC Contact Block	ESBEE	EC2C	1	2
12	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	2
13	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLG240A	1	2
14	Amber Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLA240A	1	2
15	6A 2P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	610265A813	1	2
16	6A 1P 10kA C-Curve MCB	SIEMENS	5SL41067RC	1	2
17	2.5 Sq.mm Feed Through Terminal (Std. Color), Type: KUT 2.5	ELMEX	KUT 2.5	10	20
37KW SDS			1	FEEDER QTY	1
1	100A 3P 55kA MCCB Motor Starter Protection, Release: Magnetic Release(Adjustable Magnetic Trip Unit), Type: 3VA11	SIEMENS	3VA1110-5MH32-0AA0	1	1
2	Spreader Links - Broadened (with phase barriers) (one set = 3 links+ 2 phase barriers) for 3 Pole, 3VA10/11 100A/160A	SIEMENS	3VA9153-0QC50	2	2
3	AC3: 85A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 2NO+2NC, Size: S4, Type: 3TF	SIEMENS	3TF4922-0AP02A01	2	2
4	AC3: 45A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 2NO+2NC, Size: S3, Type: 3TF	SIEMENS	3TF4802-0AP02A01	1	1



	53, Type: 3TF				
5	36-45A Thermal Overload Relay, Contactor Mounting: 3TF34/35/44/45, Type: 3UA55	SIEMENS	3UA5500-8M	1	1
6	Auxiliary Contact Block, Contacts: Second 1 NO+1 NC Left / Second 1NO + 1NC Right, for 3TF 46 to 3TF 57	SIEMENS	3TY7561-1KA008K	4	4
7	Star Delta Timer, Time Setting: 0.3sec - 120sec, Voltage: 24-240VAC/DC, Contact: 1NO (Star) + 1NO (Delta)	GIC	12SDT0	1	1
8	Red Flush Head Push Button 22.5 mm	ESBEE	EMNRF01	1	1
9	Green Flush Head Push Button 22.5 mm	ESBEE	EMNGFD1	1	1
10	1NO Contact Block	ESBEE	EC1C	1	1
11	1NC Contact Block	ESBEE	EC2C	1	1
12	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
13	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLG240A	1	1
14	Amber Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLA240A	1	1
15	6A 2P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg Operation	SALZER	610265AB13	1	1
16	6A 1P 10kA C-Curve MCB	SIEMENS	5SL41067RC	1	1
17	2.5 Sq.mm Feed Through Terminal (Std. Color), Type: KUT 2.5	ELMEX	KUT 2.5	10	10
	30KW SDS		1	FEEDER QTY	1
1	100A 3P 55kA MCCB Motor Starter Protection, Release: Magnetic Release(Adjustable Magnetic Trip Unit), Type: 3VA11	SIEMENS	3VA1110-5MH32-0AA0	1	1
2	Spreader Links - Broadened (with phase barriers) (one set = 3 links+ 2 phase barriers) for 3 Pole, 3VA10/11 100A/16DA	SIEMENS	3VA9153-0QC50	2	2
3	AC3: 75A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 2NO+2NC, Size: 54, Type: 3TF	SIEMENS	3TF4822-0APOZA01	2	2
4	AC3: 45A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 2NO+2NC, Size: 53, Type: 3TF	SIEMENS	3TF4602-0APOZA01	1	1
5	32-40A Thermal Overload Relay, Contactor Mounting: 3TF34/35/44/45, Type: 3UA55	SIEMENS	3UA5500-2R	1	1
6	Auxiliary Contact Block, Contacts: Second 1 NO+1 NC Left / Second 1NO + 1NC Right, for 3TF 46 to 3TF 57	SIEMENS	3TY7561-1KA008K	4	4
7	Star Delta Timer, Time Setting: 0.3sec - 120sec, Voltage: 24-240VAC/DC, Contact: 1NO (Star) + 1NO (Delta)	GIC	12SDT0	1	1
8	Red Flush Head Push Button 22.5 mm	ESBEE	EMNRF01	1	1
9	Green Flush Head Push Button 22.5 mm	ESBEE	EMNGFD1	1	1
10	1NO Contact Block	ESBEE	EC1C	1	1
11	1NC Contact Block	ESBEE	EC2C	1	1
12	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	1
13	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLG240A	1	1
14	Amber Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLA240A	1	1
15	6A 2P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	610265AB13	1	1
16	6A 1P 10kA C-Curve MCB	SIEMENS	5SL41067RC	1	1
17	2.5 Sq.mm Feed Through Terminal (Std. Color), Type: KUT 2.5	ELMEX	KUT 2.5	10	10
	18.5KW SDS		1	FEEDER QTY	2
1	63A 3P 55kA MCCB Motor Starter Protection, Release: Magnetic Release(Adjustable Magnetic Trip Unit), Type: 3VM11	SIEMENS	3VM1163-5MH32-0AA0	1	2
2	AC3: 45A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 2NO+2NC, Size: 53, Type: 3TF	SIEMENS	3TF4602-0APOZA01	2	4
3	AC3: 32A 3P Power Contactor, Coil: 230V AC, Size: 52, Type: 3TF	SIEMENS	3TF3400-0APO	1	2
4	16-25A Thermal Overload Relay, Contactor Mounting: 3TF34/35/44/45, Type: 3UA55	SIEMENS	3UA5500-2C	1	2
5	Auxiliary Contact Block, Contacts: Second 1 NO+1 NC Left / Second 1NO + 1NC Right, for 3TF 46 to 3TF 57	SIEMENS	3TY7561-1KA008K	4	8
6	Star Delta Timer, Time Setting: 0.3sec - 120sec, Voltage: 24-240VAC/DC, Contact: 1NO (Star) + 1NO (Delta)	GIC	12SDT0	1	2
7	Red Flush Head Push Button 22.5 mm	ESBEE	EMNRF01	1	2
8	Green Flush Head Push Button 22.5 mm	ESBEE	EMNGFD1	1	2



9	1NO Contact Block	ESBEE	EC1C	1	2
10	1NC Contact Block	ESBEE	EC2C	1	2
11	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	2
12	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLG240A	1	2
13	Amber Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLA240A	1	2
14	6A 2P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	610265AB13	1	2
15	6A 1P 10kA C-Curve MCB	SIEMENS	SSL41067RC	1	2
16	2.5 Sq.mm Feed Through Terminal (Std. Color),Type: KUT 2.5	ELMEX	KUT 2.5	10	20
17	63A 4P, Standard Connection Plate (In DMC), Color: Black	FTC	TPN 63-BLK	2	4
11KW SDS				1	FEEDER QTY 2
1	63A 3P 55kA MCCB Motor Starter Protection, Release: Magnetic Release(Adjustable Magnetic Trip Unit), Type: 3VA11	SIEMENS	3VA1163-5MH32-0AA0	1	2
2	AC3: 32A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 1NO+1NC, Size: 50, Type: 3RT	SIEMENS	3RT2027-1A120BK	2	4
3	AC3: 12A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 1NC, Size: 500, Type: 3RT	SIEMENS	3RT2017-1AP02BK	1	2
4	11-16A Thermal Overload Relay, Class 10, Size: 50, Type: 3RU	SIEMENS	3RU2126-4AB0	1	2
5	Auxiliary Contact Block for snapping onto the front, Contacts: 2NO+2NC, Size: 500/50/52, for 3RT2	SIEMENS	3RH2911-1HA22	1	2
6	Auxiliary Contact Block for snapping onto the front, Contacts: 1NO+1NC, Size: 500/50/52, for 3RT2	SIEMENS	3RH2911-1HA11	2	4
7	Star Delta Timer, Time Setting: 0.3sec - 120sec, Voltage: 24-240VAC/DC, Contact: 1NO (Star) + 1NO (Delta)	GIC	1250T0	1	2
8	Red Flush Head Push Button 22.5 mm	ESBEE	EMNRF01	1	2
9	Green Flush Head Push Button 22.5 mm	ESBEE	EMNGFD1	1	2
10	1NO Contact Block	ESBEE	EC1C	1	2
11	1NC Contact Block	ESBEE	EC2C	1	2
12	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	2
13	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLG240A	1	2
14	Amber Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLA240A	1	2
15	6A 2P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	610265AB13	1	2
16	6A 1P 10kA C-Curve MCB	SIEMENS	SSL41067RC	1	2
17	2.5 Sq.mm Feed Through Terminal (Std. Color),Type: KUT 2.5	ELMEX	KUT 2.5	10	20
18	63A 4P, Standard Connection Plate (In DMC), Color: Black	FTC	TPN 63-BLK	2	4
7.5KW DOL				1	FEEDER QTY 3
1	20A 55kA (400V AC), Acc. Cl: 10 MPCB, Release: TM Release for Motor Protection, Size: 50, Range: 13-20, Type: 3RV	SIEMENS	3RV2021-4BA10	1	3
2	AC3: 32A 3P Power Contactor, Coil: 230V AC, Aux. Contact: 1NO+1NC, Size: 50, Type: 3RT	SIEMENS	3RT2027-1A120BK	1	3
3	Signaling switch (Alarm contacts) Separate tripped and short-circuit alarms, Contacts: 1NO+1NC each, Size: 500-53 for 3RV2	SIEMENS	3RV2921-1M	1	3
4	Auxiliary Contact Block for snapping onto the front, Contacts: 1NO+1NC, Size: 500/50/52, for 3RT2	SIEMENS	3RH2911-1HA11	1	3
5	Red Flush Head Push Button 22.5 mm	ESBEE	EMNRF01	1	3
6	Green Flush Head Push Button 22.5 mm	ESBEE	EMNGFD1	1	3
7	1NO Contact Block	ESBEE	EC1C	1	3
8	1NC Contact Block	ESBEE	EC2C	1	3
9	Red Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLR240A	1	3
10	Green Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLG240A	1	3
11	Amber Gen Next Pro LED Indicator 22.5 mm, Voltage: 240V AC	ESBEE	EPLA240A	1	3
12	6A 2P 2Way Local - Remote/ Auto-Manual Switch with Center OFF, 60 Deg. Operation	SALZER	610265AB13	1	3
13	6A 1P 10kA C-Curve MCB	SIEMENS	SSL41067RC	1	3
14	2.5 Sq.mm Feed Through Terminal (Std. Color),Type: KUT 2.5	ELMEX	KUT 2.5	6	18
15	10 Sq.mm Feed Through Terminal (Std. Color),Type: KUT 10	ELMEX	KUT 10	3	9



O/G-MCB 63A 4P			1	FEEDER QTY	3
1	63A 4P 10kA C-Curve MCB	SIEMENS	5SL44637RC	1	3
2	63A 4P, Standard Connection Plate (in DMC), Color: Black	FTC	TPN 63-BLK	1	3
A	FABRICATION DETAILS	MAKE	SIZE (HxWxD) mm	QTY	UNIT
1	Panel Enclosure 14 Gauge	EXPERT	2175 x 2800 x 1000 mm	1	JOB
B	BUSBAR DETAILS	MAKE	RATING	SET	Material
1	BUSBAR - MAIN	HINDALCO	1000A	1	Busbar AL
2	BUSBAR - VERTICAL DROPPER BUSBAR	HINDALCO	1000A	2	Busbar AL
3	BUSBAR - EARTH	HINDALCO	300A	1	Busbar AL

ANNEXURE - II

PRICE SCHEDULE FOR SUPPLY OF FOLLOWING PANELS

M/s:-Jindal Aluminium Limited

S. No	Description	Qty	Unit	Unit Quoted Price	Total Quoted Price (Ex-works)
1	MCC Panel For Foundry Existing Pump House -Indoor Type	1	No.	8,30,800	8,30,800
TOTAL (Basic Price)		1			8,30,800

HSN CODE FOR ELECTRICAL LT PANELS : 85371000

HSN CODE FOR ELECTRICAL HT PANELS : 85372000

Deviation/Clarification

NOTE:-

- 1.0 Our offer shall be strictly based on attached BOM.

For ZENIYA ELECTTECH PVT. LTD.

Bhiwadi- 301019

- Price Basis: FOR-JAL BMDP
- GST: 12% Exclg.
- Delivery: 6 weeks
- Payment: 100% within 7 days from the date of receipt of Panel.
- Warranty: one year from the date of commissioning
- QA Drawing will be submitted after receipt of order
- Party will depute engineer for commissioning of Panel.

Discussed with
Mr. Yogesh Jais and
agreed above rate


 29/01/23

I/L	Indicating light LED type (ON/OFF/TRIP)	220V AC	L&T-Esbee	6	Nos.
PB	Push Button Start/Stop	220V AC	L&T-Esbee	4	Nos.
A/M	Auto/Manual Selector Switch	6A	L&T-Salzer	2	Nos.
T	S/D Timer	220V AC	GIC	2	Nos.
NL	Neutral Link		Reputed	2	Nos.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	2	Nos.
O/G:-30KW S/D Starter Feeder					
MCCB	TP MCCB 50KA Motor Duty with S/C Protection	63A	Siemens 3VA11	1	No.
MCCB	Spreader Link +Extended Rotary Handle +Aux. Contact -TP	63A	Siemens 3VA11	1	No.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	65A	Siemens 3RT	2	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	25A	Siemens 3RT	1	No.
RLY	Thermal overload relay	28-40A	Siemens 3RU	1	No.
AM	Digital Ammeter inbuilt Selector Switch CI-1.0	DM3110	Conzerv	1	No.
MCT	Metering CT -/5A CL-1.0,5VA For Metering	63A	AE/Kappa	3	Nos.
I/L	Indicating light LED type (ON/OFF/TRIP)	220V AC	L&T-Esbee	3	Nos.
PB	Push Button Start/Stop	220V AC	L&T-Esbee	2	Nos.
A/M	Auto/Manual Selector Switch	6A	L&T-Salzer	1	No.
T	S/D Timer	220V AC	GIC	1	No.
NL	Neutral Link		Reputed	1	No.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	1	No.
O/G:-37.5KW S/D Starter Feeder					
MCCB	TP MCCB 50KA Motor Duty with S/C Protection	100A	Siemens 3VA11	1	No.
MCCB	Spreader Link +Extended Rotary Handle +Aux. Contact -TP	100A	Siemens 3VA11	1	No.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	65A	Siemens 3RT	2	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	32A	Siemens 3RT	1	No.
RLY	Thermal overload relay	36-50A	Siemens 3RU	1	No.
AM	Digital Ammeter inbuilt Selector Switch CI-1.0	DM3110	Conzerv	1	No.
MCT	Metering CT -/5A CL-1.0,5VA For Metering	100A	AE/Kappa	3	Nos.
I/L	Indicating light LED type (ON/OFF/TRIP)	220V AC	L&T-Esbee	3	Nos.
PB	Push Button Start/Stop	220V AC	L&T-Esbee	2	Nos.
A/M	Auto/Manual Selector Switch	6A	L&T-Salzer	1	No.
T	S/D Timer	220V AC	GIC	1	No.
NL	Neutral Link		Reputed	1	No.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	1	No.
O/G:-45KW S/D Starter Feeder					
MCCB	TP MCCB 50KA Motor Duty with S/C Protection	100A	Siemens 3VA11	2	Nos.
MCCB	Spreader Link +Extended Rotary Handle +Aux. Contact -TP	100A	Siemens 3VA11	2	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	80A	Siemens 3RT	4	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	32A	Siemens 3RT	2	Nos.
RLY	Thermal overload relay	36-50A	Siemens 3RU	2	Nos.
AM	Digital Ammeter inbuilt Selector Switch CI-1.0	DM3110	Conzerv	2	Nos.
MCT	Metering CT -/5A CL-1.0,5VA For Metering	100A	AE/Kappa	6	Nos.
I/L	Indicating light LED type (ON/OFF/TRIP)	220V AC	L&T-Esbee	6	Nos.
PB	Push Button Start/Stop	220V AC	L&T-Esbee	4	Nos.
A/M	Auto/Manual Selector Switch	6A	L&T-Salzer	2	Nos.
T	S/D Timer	220V AC	GIC	2	Nos.
NL	Neutral Link		Reputed	2	Nos.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	2	Nos.
O/G:-45KW S/D Starter Spare Feeder For Space Provision For Future Use.				2	Nos.

ANNEXURE - IV

Projects:-

MCC Panel For Foundry Existing Pump House -Indoor Type

Item	Item Description	Rating	Make	Qty.	
	I/C:-800A 3P MDO ACB Feeder				
ACB	TP MDO ACB 50KA Microprocessor based with O/L , S/C & E/F Protection Release With Trip Micro Switch	800A	Siemens -3WT	1	No.
MFM	Digital Multifunction Meter CI-1.0 with RS 485 Port	EM6436H	Conzerv	1	No.
MCT	Metering CT -/5A CL-1.0,15VA For Metering	800A	AE/Kappa	3	Nos.
I/L	Indicating light LED type (RYB)	220V AC	L&T-Esbee	3	Nos.
I/L	Indicating light LED type (ON/OFF/TRIP)	220V AC	L&T-Esbee	3	Nos.
NL	Neutral Link		Reputed	1	No.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	4	Nos.
FWF	Exhaust Fan		Reputed	1	No.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	1	No.
SH	Space Heater with Thermostat + Power Socket		Reputed	1	No.
MCB	DP MCB 10KA C-Curve	6A	Siemens	1	No.
	O/G:-TPN MCB 10KA C-Curve				
MCB	TPN MCB 10KA C-Curve	63A	Siemens	3	Nos.
	O/G:-7.5KW S/D Starter Feeder				
MCCB	TP MCCB 50KA Motor Duty with S/C Protection	32A	Siemens 3VA11	3	Nos.
MCCB	Extended Rotary Handle +Aux. Contact -TP	32A	Siemens 3VA11	3	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	25A	Siemens 3RT	6	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	9A	Siemens 3RT	3	Nos.
RLY	Thermal overload relay	7-10A	Siemens 3RU	3	Nos.
AM	Digital Ammeter inbuilt Selector Switch CI-1.0	DM3110	Conzerv	3	Nos.
MCT	Metering CT -/5A CL-1.0,5VA For Metering	32A	AE/Kappa	9	Nos.
I/L	Indicating light LED type (ON/OFF/TRIP)	220V AC	L&T-Esbee	9	Nos.
PB	Push Button Start/Stop	220V AC	L&T-Esbee	6	Nos.
A/M	Auto/Manual Selector Switch	6A	L&T-Salzer	3	Nos.
T	S/D Timer	220V AC	GIC	3	Nos.
NL	Neutral Link		Reputed	3	Nos.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	3	Nos.
	O/G:-11KW S/D Starter Feeder				
MCCB	TP MCCB 50KA Motor Duty with S/C Protection	63A	Siemens 3VA11	2	Nos.
MCCB	Spreader Link +Extended Rotary Handle +Aux. Contact -TP	63A	Siemens 3VA11	2	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	32A	Siemens 3RT	4	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	12A	Siemens 3RT	2	Nos.
RLY	Thermal overload relay	11-16A	Siemens 3RU	2	Nos.
AM	Digital Ammeter inbuilt Selector Switch CI-1.0	DM3110	Conzerv	2	Nos.
MCT	Metering CT -/5A CL-1.0,5VA For Metering	63A	AE/Kappa	6	Nos.
I/L	Indicating light LED type (ON/OFF/TRIP)	220V AC	L&T-Esbee	6	Nos.
PB	Push Button Start/Stop	220V AC	L&T-Esbee	4	Nos.
A/M	Auto/Manual Selector Switch	6A	L&T-Salzer	2	Nos.
T	S/D Timer	220V AC	GIC	2	Nos.
NL	Neutral Link		Reputed	2	Nos.
CMCB	Control SP MCB 10KA C-Curve	6A	Siemens	2	Nos.
	O/G:-18.5KW S/D Starter Feeder				
MCCB	TP MCCB 50KA Motor Duty with S/C Protection	63A	Siemens 3VA11	2	Nos.
MCCB	Spreader Link +Extended Rotary Handle +Aux. Contact -TP	63A	Siemens 3VA11	2	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	40A	Siemens 3RT	4	Nos.
CONT	TP Power Contactor AC-3 Duty with 2NO+2NC	12A	Siemens 3RT	2	Nos.
RLY	Thermal overload relay	18-25A	Siemens 3RU	2	Nos.
AM	Digital Ammeter inbuilt Selector Switch CI-1.0	DM3110	Conzerv	2	Nos.
MCT	Metering CT -/5A CL-1.0,5VA For Metering	63A	AE/Kappa	6	Nos.

ANNEXURE - III

GENERAL TERMS & CONDITIONS

PRICES	:	EX-WORKS (Bhiwadi)
PACKING & FORWARDING	:	@ 3% (for wooden packing) – Extra or NIL for Stretch Polethene & Paper Packing
GST	:	Extra as actual@18%
FREIGHT	:	Extra at Actuals
PAYMENT	:	40% advance with PO/LOI, 60% against Proforma Invoice.
DELIVERY	:	With in 6-8weeks after approval of drawings.
VALIDITY	:	30 Days from the date of offer.
WARRANTY	:	Against manufacturing defects for a period of 12months from the date of dispatch/commissioning.

For **ZENIYA ELECTECH PVT. LTD.**
Bhiwadi- 301019

ANNEXURE - 'A'

Jindal Aluminium-Bhiwadi			04.01.2023	
S.No.	DESCRIPTION OF ITEM	QTY.	Unit Rate	Total Amount
1.0	MCC Panel For Foundry Pump House.	1	6,63,761.00	6,63,761.00
2.0	Freight From Faridabad to Bhiwadi	1	6,000.00	6,000.00
Total Amount				6,69,761.00

Note: We are quoting as per Siemens Type-2 Coordination Chart

ANNEXURE - 'B'
GENERAL TERMS & CONDITIONS:-

- 1. Payment : 40% Advance with confirmation of order & balance with all taxes against Performance invoice before dispatch
- 2. Completion Period : 5-6 Weeks after Drawing Approval
- 3. GST : GST Extra @ 18%
- 4. GST No./HSN Code : GST No. 06AAECG6141K1ZL /HSN Code 85371000
- 5. Freight & Insurance : Inclusive above price (Up to Bhiwadi)
- 6. Warranty : One year against any manufacturing defect from date of Supply
- 7. Installation : Installation of above panel is not in our scope. - JAL Sup-e
- 8. Commissioning : Commissioning of above panel is in our scope
- 9. Scope of work : Scope of work is Design, Manufacture, Supply & Commissioning.
- 10. Validity : Our offer Valid for 30 Days
- 11. Bank details as below:-

Company Name:	Gemtech Power Control Pvt. Ltd.
Bank:	ICICI Bank
Account No.:	102505002464
IFSC Code:	ICIC0001025
Branch Name:	NIT-1, Faridabad

Final Agreed
Rs. 6,50,000/- + GST
As per me requis
BOB

Payment: 100% within 7 days from the date of receipt of panel.

Discussed with Mr. Gupta and agreed above

[Signature]
 29/1/23



GEMTECH POWER CONTROL PVT. LIMITED
(AN ISO 9001 CERTIFIED COMPANY)

ELECTRICAL MANUFACTURERS OF : ALL KINDS OF ELECTRIC PANELS (PCC, MCC, APFC, AMF, PDB AC DRIVE, PLC, DG SYNCHRONIZATION), BUS DUCT, RISING MAINS, CABLE TRAYS AND RACEWAYS

Ref. No. GEM/JA/2022-23/VK/A-982
M/S. Jindal Aluminium Ltd.
Bhiwadi division,
SP-2/333, INDUSTRIAL AREA,
BHIWADI - 301019,
ALWAR DIST,(RAJASTHAN)

Date:04-01-2023

Kindly Attn. Mr. Rajgopal. C. Sarda. ji (Deputy. Manager – Purchase) (M: +91 9611-195-368)

SUBJECT: OUR OFFER FOR-MOTOR STARTER PANEL FOR FOUNDRY
EXISTING PUMP HOUSE.

Dear Sir,

Based on your requirements we are pleased to submit our proposal for electric Panels manufacture / supply: -

- | | | | |
|---|--------------|---|----------------------------|
| 1 | Annexure – A | : | Price details |
| 2 | Annexure – B | : | General terms & Conditions |
| 3 | Annexure – C | : | BOM of Panel |

Hope you will find our offer in line with your requirement & oblige with your valuable order.

Thanking you,

Yours truly,

For GEMTECH POWER CONTROL PVT. LTD.

SD/-

(M. K. GUPTA)

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Office & Works Address: Plot No. 11, Gali No. 8 (West), Sarurpur Industrial Area,
Sohna Road, Faridabad-121004 (Haryana) India

Phone: +91-129-2230296, Mobile: +91-9811609370, +91-9718383731

Email: gemtechpowercontrol@gmail.com, design@gemtechpowercontrol.com

Website: www.gemtechpowercontrol.com

Jindal Aluminium-Bhiwadi			04.01.2023	
S.No.	DESCRIPTION OF ITEM	QTY.	Reference Part Number	MAKE
1.0	MCC Panel For Foundry Pump House.	1		
A	Main Incomer with Metering & Control	1		
1	TP+N 800A MDO ACB (With O/L,S/C,E/F Protection)-3WT	1	3WT8081-6AA04-5AB2	Siemens
2	Digital Multifunction Meter	1	-----	L&T/Neptune/Elmeasure
3	Metering Current Transformer 800/5A Class-I 15VA	3	-----	AE/Saviour/Procom
4	Phase Indication Light LED RED 220V AC	1	-----	Esbee (L&T)
5	Phase Indication Light LED YELLOW 220V AC	1	-----	Esbee (L&T)
6	Phase Indication Light LED BLUE 220V AC	1	-----	Esbee (L&T)
7	On, Off, Trip Indication Light LED 220V AC	3	-----	Esbee (L&T)
8	Control MCB 6A SP 10KA C-Curve	4	-----	L&T/Siemens
9	Neutral Link 32A	1	-----	Pecox
1	Control T/F 415/220V AC 750VA	1	-----	Saviour/Procom
2	10A DP MCB 10KA	1	-----	L&T/Siemens
3	10A TP MCB 10KA	1	-----	L&T/Siemens
4	12A TP Contactor AC	1	3RT2024	Siemens
B	Outgoing Feeders			
B.1	Outgoing-1 -7.5kW SDS	3		
1	3P 16A MPCB (With Short Circuit Protection Only)	3	3RV2321-4AC10	Siemens
2	22A TP Contactor AC (For Line/Delta)	6	3TF3300	Siemens
3	12A TP Contactor AC (For Star)	3	3TF3110	Siemens
4	2NO + 2NC Add on block	9	-----	Siemens
5	Star Delta Timer	3	3RP15	Siemens
6	Over load relay 6.3-10A	3	3UA5200-1J	Siemens
7	Control MCB 6A SP 10KA	3	-----	L&T/Siemens
8	On & Trip Ind. Light Red, Amber 220V AC	6	-----	Esbee(L&T)
9	Start & Stop Push Button	6	-----	Esbee(L&T)
10	Auto Manual Selector Switch	3	-----	Salzer(L&T)
11	Terminal Block 16 Sq. mm	18	-----	Connectwell
12	Terminal Block 4 Sq. mm	15	-----	Connectwell
13	Ampere Meter 0-50A Digital 1 Ph.	3	-----	Elmeasure
14	CT 50/5A For Amp. Meter	3	-----	Saviour/Procom
15	Wiring & fixing Material	3	-----	Reputed
B.2	Outgoing-2-11 kW SDS	2		
1	3P 25A MPCB (With Short Circuit Protection Only)	2	3RV2321-4DC10	Siemens
2	32A TP Contactor (For Line/Delta)	4	3TF3400	Siemens
3	12A TP Contactor (For Star)	2	3TF3110	Siemens
4	2NO + 2NC Add on block	6	-----	Siemens
5	Star Delta Timer	2	3RP15	Siemens
6	Over load relay 10-16A	2	3UA5500-2A	Siemens
7	Control MCB 6A SP 10KA	2	-----	L&T/Siemens
8	On & Trip Ind. Light Red, Amber 220V AC	4	-----	Esbee(L&T)
9	Start & Stop Push Button	4	-----	Esbee(L&T)
10	Auto Manual Selector Switch	2	-----	Salzer(L&T)
11	Terminal Block 16Sq. mm	12	-----	Connectwell
12	Terminal Block 4 Sq. mm	10	-----	Connectwell
13	Ampere Meter Digital 1 Ph.	2	-----	Elmeasure
14	CT 50/5A For Amp. Meter	2	-----	Saviour/Procom
15	Wiring & fixing Material	2	-----	Reputed
B.3	Outgoing-3-18.5kW SDS	2		
1	3P 40A MPCB (With Short Circuit Protection Only)	2	3RV2332-4UC10	Siemens

2	40A TP Contactor (For Line/Delta)	4	3TF3500	Siemens
3	32A TP Contactor (For Star)	2	3TF3400	Siemens
4	2NO + 2NC Add on block	6	-----	Siemens
5	Star Delta Timer	2	3RP15	Siemens
6	Over load relay 16 ... 25A	2	3UA5500-2C	Siemens
7	Control MCB 6A SP 10KA	2	-----	L&T/Siemens
8	On & Trip Ind. Light Red, Amber 220V AC	4	-----	Esbee(L&T)
9	Start & Stop Push Button	4	-----	Esbee(L&T)
10	Auto Manual Selector Switch	2	-----	Salzer(L&T)
11	Terminal Block 25Sq. mm	12	-----	Connectwell
12	Terminal Block 4 Sq. mm	10	-----	Connectwell
13	Ampere Meter Digital 1 Ph.	2	-----	Elmeasure
14	CT 50/5A For Amp. Meter	2	-----	Saviour/Procom
15	Wiring & fixing Material	2	-----	Reputed
B.4	Outgoing-4-30kW SDS	1		
1	3P 65A MPCB (With Short Circuit Protection Only)	1	3RV2332-4JC10	Siemens
2	65A TP Contactor AC (For Line/Delta)	2	3TF4702	Siemens
3	40A TP Contactor AC (For Star)	1	3TF3500	Siemens
4	2NO + 2NC Add on block	3	-----	Siemens
5	Star Delta Timer	1	3RP15	Siemens
6	Over load relay 25-40A	1	3UA5800-2EZ1	Siemens
7	Control MCB 6A SP 10KA	1	-----	L&T/Siemens
8	On & Trip Ind. Light Red, Amber 220V AC	2	-----	Esbee(L&T)
9	Start & Stop Push Button	2	-----	Esbee(L&T)
10	Auto Manual Selector Switch	1	-----	Salzer(L&T)
11	Terminal Block 25Sq. mm	6	-----	Connectwell
12	Terminal Block 4 Sq. mm	5	-----	Connectwell
13	Ampere Meter Digital 1 Ph.	1	-----	Elmeasure
14	CT 75/5A For Amp. Meter	1	-----	Saviour/Procom
15	Wiring & fixing Material	1	-----	Reputed
B.5	Outgoing-5-37.5kW SDS	1		
1	3P 73A MPCB (With Short Circuit Protection Only)	1	3RV2332-4KC10	Siemens
2	85A TP Contactor (For Line/Delta)	2	3TF4922	Siemens
3	40A TP Contactor (For Star)	1	3TF3500	Siemens
4	2NO + 2NC Add on block	3	-----	Siemens
5	Star Delta Timer	1	3RP15	Siemens
6	Over load relay 32 ... 50A	1	3UA5800-2FZ1	Siemens
7	Control MCB 6A SP 10KA	1	-----	L&T/Siemens
8	On & Trip Ind. Light Red, Amber 220V AC	2	-----	Esbee(L&T)
9	Start & Stop Push Button	2	-----	Esbee(L&T)
10	Auto Manual Selector Switch	1	-----	Salzer(L&T)
11	Bus bar Type Terminal Block	6	-----	Connectwell
12	Terminal Block 10 Sq. mm	5	-----	Connectwell
13	Ampere Meter Digital 1 Ph.	1	-----	Elmeasure
14	CT 75/5A For Amp. Meter	1	-----	Saviour/Procom
15	Wiring & fixing Material	1	-----	Reputed
B.6	Outgoing-6-45kW SDS	2		
1	3P 80A MPCB (With Short Circuit Protection Only)	2	3RV2332-4RC10	Siemens
2	85A TP Contactor (For Line/Delta)	4	3TF4922	Siemens
3	40A TP Contactor AC (For Star)	2	3TF3500	Siemens
4	2NO + 2NC Add on block	6	-----	Siemens
5	Star Delta Timer	2	3RP15	Siemens
6	Over load relay 32 ... 50A	2	3UA5800-2FZ1	Siemens
7	Control MCB 6A SP 10KA	2	-----	L&T/Siemens

8	On & Trip Ind. Light Red, Amber 220V AC	4	-----	Esbee(L&T)
9	Start & Stop Push Button	4	-----	Esbee(L&T)
10	Auto Manual Selector Switch	2	-----	Salzer(L&T)
11	Bus bar Type Terminal Block	12	-----	Connectwell
12	Terminal Block 10 Sq. mm	10	-----	Connectwell
13	Ampere Meter 0-80A Digital 1 Ph.	2	-----	Elmeasure
14	CT 75/5A For Amp. Meter	2	-----	Saviour/Procom
15	Wiring & Fixing Material	2	-----	Reputed
B.7 Outgoing-7-MCB'S				
1	4P 63A 10kA MCB	3	-----	L&T/Siemens
2	Power Terminal Blocks	12	-----	Connectwell
B.8 Outgoing-8 Vacant Space -Only				
1	Space Provision For 3P/ 4P 250A MCCB	2	-----	Dummy Space Only
C Cubical Panel				
1	Cubical panel box made out from 14/16 SWG CRCA sheet steel duly powder coated in Siemens Grey Colour. Appox. size of panel 2300 mm (W) x 2100 mm (H) X 1000 mm (D) Floor mounted, Front Operated & Back Openable-Indoor Type	1	-----	Gemtech
D Bus Bar				
1	Electrolytic Grade All Insulated Colour Coated Busbar Accordingly Suitable For Incoming & Outgoing Feeders (Main Busbar 800A TPN Aluminium)	1	-----	Hindalco
E Wiring				
1	Wiring & Fixing material Pvc Insulated Single Core Industrial Flexible Copper Wire.	1	-----	Polycab/Reputed
F Misc. Items				
1	6" Cooling Fan with Filter Louver	8	-----	Rexnord/Powermat
2	6" Filter Louver	12	-----	Powermat/Pecox
3	Panel light With Door Switch	4	-----	Havells/Reputed
4	Space Heater With Thermostate	4	-----	Reputed
5	Hardware & Legends	1	-----	Reputed