



# **KE POWER TECHNOLOGY**

**IDA Charlapally Phase-II , HYD-500051**

**Email: [kepower20@gmail.com](mailto:kepower20@gmail.com) | Mobile No: +91-7207317054**

**[WWW.KEPT.CO.IN](http://WWW.KEPT.CO.IN) GST NO: **36EPHPM2086E1ZS****

## **QUOTATION**

**Ref:212**

**DATE- 31-07-2024**

**To,**

Ref: Your Enquiry (As per Your BOQ)

Sub: Offer for the Manufacture, and Supply of **FIRE PUMP PANEL** for your Project-

Reg.Dear Sir,

At the outset, our sincere thanks to your good selves for the kind courtesy extended for the subject cited above. Please find enclosed herewith our best competitive Techno-Commercial offer along with the Commercial Terms and Conditions for your kind perusal.

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|          |   |   |                                 |
|----------|---|---|---------------------------------|
| ANNEXURE | - | 1 | TECHNICAL DETAIL OF PANELS      |
| ANNEXURE | - | 2 | SUMMARY OF PRICE                |
| ANNEXURE | - | 3 | BILL OF MATERIALS               |
| ANNEXURE | - | 4 | COMMERCIAL TERMS AND CONDITIONS |

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| GUARANTEED TECHNICAL PARTICULARS OF PANEL |   |                                                                                                                                                                                                      |
|-------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>System Design</b>                      |   |                                                                                                                                                                                                      |
| Supply System                             | : | 415V +/-10%, 50hz +/-5%, AC, 3Ph, 4Wire                                                                                                                                                              |
| Ambient Temperature                       | : | 45° C                                                                                                                                                                                                |
| Control Supply                            | : | 230V AC                                                                                                                                                                                              |
| Fault withstand capacity                  | : | 25/36KA for 1 Second                                                                                                                                                                                 |
| Design of PCC Panel                       | : | Metal Clad, Modular Construction, Compartmentalized, Cubicle Design, Draw out Type for ACB Feeders & Non Draw out Type (Fixed) for other Feeders, Projected Core, Single Front, Dust & Vermin Proof. |
| <b>Fabrication Details</b>                |   |                                                                                                                                                                                                      |
| Main Frame                                | : | 16SWG (1.6mm) CRCA sheet.                                                                                                                                                                            |
| Partition Sheet/Covers/Doors              | : | 16SWG (1.6mm) CRCA Sheet.                                                                                                                                                                            |
| Gland Plate                               | : | 14SWG (2.0mm) CRCA Sheet.                                                                                                                                                                            |
| Base Frame                                | : | 75X40X6mm                                                                                                                                                                                            |
| Cable Entry & Access                      | : | Incoming, Outgoing Cables- <b>Bottom/TOP</b> entry & Cable Access: Front / Back                                                                                                                      |
| Type of Mounting & Protection             | : | Floor Mounting, IP-42 (Indoor)                                                                                                                                                                       |
| <b>Sheet Metal Treatment</b>              |   |                                                                                                                                                                                                      |
| Painting                                  | : | All the sheet Metal will be treated in Seven Tank Process for degreasing, de resting and Phosphate thoroughly. After thorough treatment the panel will be Epoxy Powder Coated.                       |
| Paint Shade                               | : | RAL 7032 [Siemens Grey]                                                                                                                                                                              |
| <b>Bus bars &amp; Accessories</b>         |   |                                                                                                                                                                                                      |
| Material & Grade                          | : | Aluminum Bus Bar Phase & Neutral & Current Density 0.8A/Sq. mm                                                                                                                                       |
| Bus Bar Connections                       | : | Spring and Plain Washers (High Tension bolts & Nuts)                                                                                                                                                 |
| Earth Bus bar                             | : | Aluminum Earth Bus will be Provided at the bottom.                                                                                                                                                   |
| Bus bar supports (Insulators)             | : | Non-Hygroscopic Heavy-Duty SMC (sheet molding compound)/ DMC type Insulators. The Maximum Distance between two insulator channels will be 500mm.                                                     |
|                                           | : | FRP Shrouding will be Provided at the live parts at the Required places.                                                                                                                             |
| Clearance in Air                          | : | Phase to phase 25mm min and 19mm between Phases to Neutral & Earth.                                                                                                                                  |

**MANUFACTURERS OF MAIN PANELS, APFC PANELS, MCC PANELS, DISTRIBUTION BOARDS, BUSDUCTS CABLE TRAYS etc.**



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|                                                                                                                                                                                                                                                                                        |   |                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control Wiring                                                                                                                                                                                                                                                                         | : | 1.5 Sq.mm, PVC insulated, single core, multi stand, Copperwire.                                                                                                                                           |
| CT /Power Wiring                                                                                                                                                                                                                                                                       | : | 2.5 Sq.mm, PVC insulated, single Core, multi stand, Copper wirefor CT wiring. Power wiring Suitable sized PVC Insulated, Singlecore, multi stand, flexible copper Cable for O/G Feeders up to 63A rating. |
| <b>Miscellaneous Features</b>                                                                                                                                                                                                                                                          |   |                                                                                                                                                                                                           |
| Sleeving                                                                                                                                                                                                                                                                               | : | Heat shrinkable Colour Coded PVC Sleeves will be provided forthe Bus bar                                                                                                                                  |
| Earthing                                                                                                                                                                                                                                                                               | : | Door ear thing will be provided with Green Colour Copper Flexible wire. (2.5Sq.mm)                                                                                                                        |
| Lifting                                                                                                                                                                                                                                                                                | : | Eye Bolts will be provided for Lifting purpose.                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                        | : | Louvers with fine screened brass meshes will be provided for bus bar covers for heat ventilation for panels installed in indoor.                                                                          |
| All equipment's offered by us have been extensively type tested. We can submit the requisite type test Certificates in the event of the order. We will give a notice of 10-days advance notice to enable you to depute your representative to witness the shop testing at our factory. |   |                                                                                                                                                                                                           |

## SUMMARIES OF PRICE

| S.NO               | DESCRIPTION    | QTY | UNIT PRICE | AMOUNT     |
|--------------------|----------------|-----|------------|------------|
| 1                  | FIRE MCC PANEL | 1   | 1,05,000/- | 1,05,000/- |
| BASIC TOTAL AMOUNT |                |     |            | 1,05,000/- |

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| S.No     | DESCRIPTION                                      | MODEL NO   | MAKE    | QTY |
|----------|--------------------------------------------------|------------|---------|-----|
| <b>1</b> | <b>FIRE MCC PANEL</b>                            |            |         |     |
| <b>1</b> | <b>INCOMING FEEDER</b>                           |            |         |     |
| 1        | 250A 36KATP MCCB THERMAL BASED O/C,S/C           | DN1-250D   | L&T     | 1   |
| 2        | ROTARY HANDLE MECHANISM                          | DN1-2500D  | L&T     | 1   |
| 3        | SPREADER LINKS                                   | DN1-2500D  | L&T     | 1   |
| 4        | DIGITAL 0-500V 3PH VOLTMETER                     | DIGITAL    | L&T     | 1   |
| 5        | DIGITAL 0-630A 3PH AMMETER                       | DIGITAL    | L&T     | 1   |
| 6        | DIGITAL KWH MEETERS                              | DIGITAL    | L&T     | 1   |
| 7        | 250/5A,10VA,CL:1 FOR METERING                    | TAPE WOUND | REPUTED | 3   |
| 8        | R,Y,B INDICATING LAMPS                           | LED        | L&T     | 3   |
| 9        | 6A SP MCB                                        | 10KA C     | L&T     | 3   |
|          |                                                  |            |         |     |
| <b>2</b> | <b>5.5 HP S/D STARTER-1 NOS OUTGOING FEEDER</b>  |            |         |     |
| 1        | 32A 3P MCB                                       |            | L&T     | 1   |
| 2        | 18A TP POWER CONTACTOR                           | MNX 18     | L&T     | 1   |
| 3        | 6-10A TP OLR                                     | MN 2       | L&T     | 1   |
| 4        | START/STOP PUSH BUTTONS                          | Flush Head | L&T     | 1   |
| 5        | ON OFF TRIP INDICATING LAMPS                     | LED type   | L&T     | 1   |
| 6        | 6A SP MCB                                        | 10KA C     | L&T     | 1   |
|          |                                                  |            |         |     |
| <b>3</b> | <b>60 HP S/D STARTER - 1 NOS OUTGOING FEEDER</b> |            |         |     |
| 1        | 125A 25KA TP MCCB                                | DN1-125C   | L&T     | 1   |
| 2        | SPREADERLINKS                                    | DN1-125C   | L&T     | 6   |
| 3        | 70A TP POWER CONTACTOR                           | MNX 70     | L&T     | 2   |
| 4        | 50A TP POWER CONTACTOR                           | MNX 50     | L&T     | 1   |
| 5        | 60-100A TP OLR                                   | MN 12      | L&T     | 2   |
| 6        | START/STOP PUSH BUTTONS                          | 6A         | L&T     | 2   |
| 7        | ON OFF TRIP INDICATING LAMPS                     | LED type   | L&T     | 3   |
| 8        | 6A SP MCB                                        | 10KA C     | L&T     | 1   |
| 9        | 16A Bakelite Neutral Link                        | 16A        | Reputed | 2   |
| 10       | STAR/DELTA TIMER                                 | 230V AUX   | L&T     | 1   |
|          |                                                  |            |         |     |
| 11       | A/M SELECTOR SWITCH                              | 6A         | L&T     | 2   |
|          |                                                  |            |         |     |
|          |                                                  |            |         |     |

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| 4 | DGE OUTGOING FEEDER-QTY-1nos |   |     |   |
|---|------------------------------|---|-----|---|
| 1 | 24 VA CHARGER                | - | -   | 1 |
| 2 | 6A SP MCB                    | - | L&T | 2 |
| 3 | 6A PLA RELAY                 | - | L&T | 2 |
| 4 | ON/OFF INDICATOR             | - | L&T | 2 |
| 5 | START /STOP A/M SWITCH       | - | L&T | 1 |

## **COMMERCIAL TERMS AND CONDITIONS**

- ❖ Sales Tax : GST @ 18% Extra
- ❖ Freight : Client Scope
- ❖ Delivery Period : 2 weeks from the date of receipt of purchase order  
Along With Advance.

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- ❖ Payment : 50% advance along with purchase Order and balance 50% against Performa Invoice before Dispatch.
- ❖ Warranty : The panels are guaranteed for trouble free performance under normal Working conditions for a period of 12 months from the date of supply. Any manufacturing Defect that may occur during this time will be Repaired or replaced at our discretion.
- ❖ Validity : Our offer is valid 15 days from the date of this quotation and thereafter Our Confirmation.

Hope that our offer is in line with your requirement and we may please be favored with your valued order

Please feel free to contact for any additional information.

Thanking you,

Yours Truly,

For **KE POWER TECHNOLOGY**

**MD. FURQHAN RABBANI**

**Contact cell No:**

**7207317054,**

**7981656647.**

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