

SPECIFICATION FOR INDENT NO- 20173509

Dated 31-10-2017

ANNAXURE-"A"

100 HP STAR DELTA STARTER

SI No.	Description	Qty.	Remark
1	200 A TP Motor duty MCCB,50KA	1	out -side operated-extended rotary handle should be there.
2	140 A,TP, AC-3 duty power contactor with 2NO+2NC Aux Contact,(Auxiliary Supply-240V AC)	3	-
3	3 Phase over current relay, Range -(42 to 69)A, CT connected in Phase ckt.	1	-
4	Earth fault & unbalance current protection arrangement	1	-
5	Voltage protection relay, against-Single Phasing & Phase Sequence Reversal ,415V AC, Aux.supply-240V AC	1	-
6	S/D timer,(Auxiliary Supply-240V AC), 3-60 Sec	1	-
7	Ammeter (0-200 A)	1	-
8	Ammeter selector switch, 3POS.with off,6A	1	-
9	Voltmeter (0-500 V)	1	-
10	Voltmeter selector switch, 3POS.with off,6A	1	-
11	Phase indicating lamps R,Y & B	3	-
12	Pump ON, Pump OFF & Trip(Over current ,Earh leakage & Voltage protection) indicating lamps	5	All three trip indications will be separate
13	Start/Stop push button	2	-
14	Electronic Time Switch for Daily & Weekly operation, (Auxiliary Supply-240V AC)	1	With battery storage of time duration of about 10 days without power supply.
15	Selector Switch for Auto/Manual selection, 1Pole,3 way,without off,6A	1	-
16	Hour meter, (Auxiliary Supply-240V AC)	1	-
17	Single pole MCB, 6A	3	-
18	AUX. CONTACTOR, 2NO+2NC, 6A, COIL VOLTAGE-240V AC	1	-

Ans H
31/10/2017

Note:-

- Panel should be outdoor type , cubical design ,free standing pedestal & Hinge should be of Stainless steel.
- 2. Make of equipment's should be of Siemens/L&T/GIC/Schneider/ABB,/C&S Electric Ltd/ or BCH Electric Ltd/Havell's or equivalent .
- 3. All bus bars should be made of copper and covered with heat shrinkable colored PVC sleeves.
- 4. Minimum clearance between bus-bars should be 25 mm & between equipment's should be 20 mm.
- 5. All cable entries should be from bottom side & cable termination arrangement should be direct on bus bars


31/10/2017

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Date-31-10-2017

PQR FOR INDENT NO- 20173509

- 1- The vendor should provide last 3 years ITR/Balance Sheet ending March 2017.
- 2- The vendor should be manufacturer/Supplier/ Distributor of electric panel (star-delta starter) and should provide supporting documents, Which should be issued not later than date of publication of tender.
- 3- The vendor should provide PO/ Work Order for supply of item or supply and fixing of item to any Government organization, PSU or private organization, but this should not be more than 5 years old (I.e, The PO/Work Order should be of the duration between 01/10/2012 to 30/09/2017).

DEF

WSD
Sr. Engineer (WW, Factory) 31/10/2017

TwX
Sr. Engineer (TWX) 31/10/17

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Sr. Manager (TWX) 31/10/17