TENDER DOCUMENT

TENDER NO.: DLI/C&E/WI-675/502(R)

FOR

Tender for Design, Engineering, Manufacturing, Testing & Inspection at works, Supply, Supervision, testing and commissioning of “2(Two) Nos. 3Ph.-N 415V Draw out Type MCC (Motor Control Centre) & Associated Works” for the project of “Augmentation of Fuel & Flux Crushing Facilities (Package-064) at Bhilai Steel Plant, (SAIL)”.

VOLUME – 2C

DRAWING LIST

ENGINEERING PROJECTS (INDIA) LIMITED
(A GOVT. OF INDIA ENTERPRISE)
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Lodhi Road, New Delhi-110003
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CRUSHING FACILITIES (PKG. - 064)
AUGMENTATION OF FUEL & FLUX

NON-INTELLIGENT MCC
GENERAL NOTE 8 LEGEND FOR
GENERAL NOTES FOR MCC:

1. All feeders shall have protective forcement Technical specifications (TS).

2. All the spare parts shall be provided with the equipment.

3. For the control of series passing from 1000 to 2000 kW the equipent shall have 2 control motor center (MCC). For the control of series passing from 1000 to 2000 kW the equipent shall have 2 control motor center (MCC).

4. Electronic overloads relays with automatic protective relays for motors above 50kW in conventional type MCC WMP.

5. Space protection relays will be provided for the incoming busbar MCC. To protect the system equipment.

6. All the spare parts shall be provided with the equipment.

7. Control of the system relays will be supplied by the manufacturer.

8. All port of air inlet and let out of MCC shall be provided by the manufacturer.

9. Electronic overloads relays with automatic protective relays for motors above 50kW in conventional type MCC WMP.

10. Equipment selection and air intake shall be generally based on ambient temperature of 40°C.

11. Buses shall be protected for all possible currents by means of fuses in the MCC. To protect the system equipment.

12. All the spare parts shall be provided with the equipment.

13. Provision of space heaters will be required for means of MCC.

14. Conduction by natural means shall be provided for MCC.

15. The equipment shall have 2 control motor center (MCC). For the control of series passing from 1000 to 2000 kW the equipent shall have 2 control motor center (MCC).

16. Electronic overloads relays with automatic protective relays for motors above 50kW in conventional type MCC WMP.

17. All port of air inlet and let out of MCC shall be provided by the manufacturer.

18. Electronic overloads relays with automatic protective relays for motors above 50kW in conventional type MCC WMP.

19. All port of air inlet and let out of MCC shall be provided by the manufacturer.

20. Conduction by natural means shall be provided for MCC.

21. All port of air inlet and let out of MCC shall be provided by the manufacturer.
CRUSHING FACILITIES (PKC-064)
AUGMENTATION OF FUEL & FLUX
(c-line)
SLD FOR NON-INTELEGENT MCC 4

In case of missing or any wrong data for all above items.
K4 nothing the above shall be suitably modified.

APPROVED AS NOTED
MECCON LIMITED
Name: [Redacted]
Signature: [Redacted]

IN CASE OF MISSING OR ANY WRONG DATA FOR ALL ABOVE ITEMS.
K4 NOTHING THE ABOVE SHALL BE SUITABLY MODIFIED.
1. CONV. L-115
2. CONV. L-105
3. CONV. L-120

HOWEVER IF SO REQUIRED, THE SAME SHALL BE INCORPORATED BEFORE PANEL MANUFACTURE DURING DETAIL ENGINEERING.

- LOCAL REMOTE SELECTOR SWITCH WILL BE MOUNTED ON MCI & CONTROL PANEL
- MOTOR FEEDER UP TO 45 KW RATING WILL HAVE MCPCB AND MCCB BYPASS 45 KW RATING.
- FOR GENERAL NOTES OF NON-INTELLIGENT MCC, REFER DNG NO.-ISP/01-02-004-02-0119-06-0015
- SELECTION OF MCPCB/MCCB AS PER CO-ORDINATION CHART-II & MAY VERY VENDOR TO VENDOR.
- FOR ACB VC & BC FEEDER REFER GTS-03 PAGE 79 OF 206
- COMMON UPS FOR R2D PANEL, MCC & FOR OTHER REQUIREMENT WILL BE PROVIDED

NOTE:-
- WE HAVE NOT CONSIDERED THE FEEDER FOR THE FOLLOWING EXISTING CONVEYORS:

APPROVED
WITHOUT PREJUDICE TO
CONTRACTUAL OBLIGATION & LIABILITIES
Sign: [Signature]
Date: 25 June 2014

Elect. (DC & C)

10000

NOTE:-
- DETAIL OF LCS SHALL BE SUBMITTED SEPARATELY
- LOCAL REMOTE SELECTOR SWITCH WILL BE MOUNTED ON MCI & CONTROL PANEL
- MOTOR FEEDER UP TO 45 KW RATING WILL HAVE MCPCB AND MCCB BYPASS 45 KW RATING.
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