



**PRODUCT STANDARD
PROJECT ENGINEERING
HYDERABAD**

**ANNEXURE-7 TO
PY-55127**

REV NO. 00

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PROJECT: TURBO BLOWER STATION (Package-010A)

**CUSTOMER: M/s NMDC LIMITED, 3.0MTPY INTEGRATED STEEL
PLANT, NAGARNAR, CHHATTISHGARH**

CONSULTANT: M/s MECON, RANCHI

LIST OF SPARES AND TOOLS & TACKLES

1. Commissioning Spares List:

Sl. No.	Description	Quantity
1	Closing Coil	2 nos.
2	Tripping Coil	2 nos.
3	Control Fuses	40 nos.
4	MCBs	20 nos.
5	Auxiliary Contactors	50 nos.
6	Timers	2 nos.
7	Glass for front facia meters	20 nos.
8	Control TBs	100 nos.
9	Power TBs	20 nos.
10	Slide In Contact Assembly	20 nos.
11	Shrouds	20 nos.
12	Gaskets	5 sets
13	Push Buttons	10 nos.
14	Limit Position Switches	20 nos.
15	L/R Switches	5 nos.
16	Breaker Control Switches	5 nos.
17	Lamps (LED)	20 nos.

Note: Type and rating shall be decided during execution without any price implications.

2. Tools and Tackles List:

Sl. No.	Description	Quantity
1	Breaker Lifting Trolleys	3 nos.
2	Breaker Operating Handle	2 nos.
3	Fuse Pullers	8 nos.
4	Breaker Racking Handle	6 nos.

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