

ANNEXURE- G FOR PY 56182 Rev 00. Master Documentation List, KOTHAGUDEM THERMAL POWER STATION STAGE-VII, UNIT # 12, (1X800 MW)- FIRE DETECTION & ALARM SYSTEM - VENDOR DWGS/DOCS SCHEDULE													
S. NO	DRAWING/ DOCUMENTS	DWG. NO. (BY VENDOR)	APPR (A/I)	SCHEDULE OF SUBMISSION FROM PO DATE	LATEST REV	REV00 SUBMITTED DATE	REV00 BHEL COMMENTED	REV01 SUBMITTED DATE	REV01 BHEL COMMENTED	REV02 SUBMITTED DATE	REV02 BHEL COMMENTED	FINAL STATUS OF DOC	BHEL APPD CATEGORY
A.	General												
1	Communiatuib/ protocol for documentation procedure		I	2 WEEKS									
2	Operation write up		A	2 WEEKS									
3	Block Diagram (Field + Network + Loops)		A	2 WEEKS									
4	philosophy		A	2 WEEKS									
5	Shut down and start up sequence		A	2 WEEKS									
6	Electrical Load List		I	2 WEEKS									
7	Utility Requirement (for Air, Water, Other utilities)		I	2 WEEKS									
8	Cable Schdule with in vendor scope of items		A	3 WEEKS									
9	Complete Bill of Material		I	2 WEEKS									
10	Logic diagram (If any)		A	2 WEEKS									
11	Painting schedule & procedure (shop painting & site painting)		I	3 WEEKS									
12	Detailed GA drawing & wiring digram (other than above specified)		I	3 WEEKS									
B.	Data Sheets												
1	Technical Datasheet of Fire Alarm Control Panel		A	2 WEEKS									
2	Technical Datasheet of Repeater Panel		A	2 WEEKS									
3	Technical Datasheet of Multi Criteria Smoke and Heat detector		A	2 WEEKS									
4	Technical Datasheet of Manual Call Point		A	2 WEEKS									
5	Technical Datasheet of Hooter cum strobe		A	2 WEEKS									
6	Technical Datasheet of Monitor Module		A	2 WEEKS									
7	Technical Datasheet of Control module		A	2 WEEKS									
8	Technical Datasheet of Response Indicator		A	2 WEEKS									
9	Technical Datasheet of LHS Cable		A	2 WEEKS									

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10	Technical Datasheet of optical LHS Controller		A	2 WEEKS									
11	Technical Datasheet of Infrared detector		A	2 WEEKS									
12	Technical Datasheet of Exit Sign		A	2 WEEKS									
13	Technical Datasheet of Siren		A	2 WEEKS									
14	Technical Datasheet of Control Unit of IRD		A	2 WEEKS									
15	Technical Datasheet of Probe Type Heat Detector		A	2 WEEKS									
16	Technical Datasheet of Beam Detector		A	2 WEEKS									
17	Technical Datasheet of Conventional Hooter cum Strobe		A	2 WEEKS									
18	Technical Datasheet of Graphics Software		A	2 WEEKS									
19	Technical Datasheet of PC & Printer		A	2 WEEKS									
20	Technical Datasheet of UPS		A	2 WEEKS									
C.	QUALITY/ Inspection												
1	Quality Assurance Plan (QAP)		A	2 WEEKS									
2	FAT procedures		A	2 WEEKS									
3	SAT procedures		A	2 WEEKS									
D.	ERECTION												
1	Typical Connection & Wiring Diagram of Fire alarm system		I	3 WEEKS									
2	Installation diagram of Fire Alarm System Component		I	3 WEEKS									
3	Typical Arrangement of optical LHS Cable and IR detector for Coal Conveyors		I	3 WEEKS									
4	Fire Alarm networking cable detail for FAP 1 to 5, RP 1 to 9		I	3 WEEKS									
5	Battery Sizing Calculation and GA & Wiring Diagram		I	3 WEEKS									
6	Installation Manual		I	3 WEEKS									
7	Typical Arrangement of Probe Type Heat Detector for HFO & LDO tanks		I	3 WEEKS									

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8	Fire Alarm And Detection Operating Manual		A	3 WEEKS									
9	Billing Break up		A	3 WEEKS									
10	Cable		I	3 WEEKS									
11	Certificates(Factory tests, calibration reports, statutory approval certificates)		I	3 WEEKS									
12	Packing procedure + Packing list		I	3 WEEKS									
13	Erection drawings		I	3 WEEKS									
14	Field quality plan		I	3 WEEKS									
15	Commissioning procedure		I	3 WEEKS									