



Reference: null102:668

Date:21-08-18

From:	SAMIR KUMAR BHOWMICK GM(TF)	To:	BHEL BHEL sirifort New delhi
		CC:	
SUBJECT : PSTPP, EPC - STEAM GENERATOR Please find enclosed following drawings/documents for necessary action at your end as indicated in purpose code.			
VENDOR DRG NO:	null		
NTPC DRG NO:	9585-001-104-QVM-H-001		
REVISION NO:	02		
DRG TITLE:	Categorization list for boiler auxiliary items like Fans ESP Gates & Dampers APH & Aux. Boiler Chimney		
APP CATEGORY:	I		
RELEASE DATE:	21-08-18		
COMMENTS:	Cat-I		



Engineering Division
ISO 9001:2008 Certified



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**PGMA Categorization for QP and Vendor Category****Customer: PATRATU VIDYUT UTPADAN NIGAM LTD****Project: PATRATU SUPER THERMAL POWER STATION EXPANSION PHASE I, RAMGARH, JHARKHAND (3X800MW)****Package: EPC PACKAGE [BHEL Ranipet customer no: R839- R841(3X800MW)& R4R2 (AUX. BOILER)]****Contract No.: 01/PVUNL-CS-9585-001-2/N0A-SC****NTPC MDL NO: 9585-001-104-QVM-H-001****DOC.NO.:BAP:QA:MECH:PGMA CAT:R839****REV.02****Dtd. 07/08/2018**

SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS
AA. MANUFACTURING ITEMS						
PRODUCT : APH						
1	52000	SPECIAL TOOLS	Drg	III	III	
2	52010	LARG AH-ROTOR ASSY (MODULE ASSY INCLUDING HEATING ELEMENTS),UPPER ROTOR POST PIN	RQP	I	I	
3	52010	LARGE AH ROTOR ASSY - OTHER LOOSE ITEMS LIKE , TURNING LUG, AXIAL SPACER BAR, FASTENERS, MODULE LIFTING ARRANGEMENT	Drg	III	III	
4	52011	LARG AH-ROTOR POST (ROTOR DRIVE) ITEMS OTHER THAN ROTOR POST	RQP MQP	I I	I III	
5	52012	LARGE AH- PIN RACK ASSY MINOR ITEMS OTHER THAN PIN RACK ASSY	Drg Drg	I III	III III	
6	52013	LARGE AH ROTOR SEALS-T BARS	Drg	III	III	
7	52030	LARG AH-ROTOR HOUSING	RQP	I	I	
8	52030	LARG AH-ROTOR HOUSING-OTHER LOOSE ITEMS LIKE ERECTION BRACE,EXPANSION PLATE ASSY, AXIAL SEAL START EDGE ASSLY AND FASTNERS ETC.,	Drg	III	III	
9	52041	HOT END CONN PLATE ASSY - MAIN ITEMS PRIMARY CENTRE SECTION & SECTOR PLATE ASSY, CONNECTING PLATE CENTRE SECTION & SECTOR PLATE ASSY	RQP	I	I	
10	52041	HOT END CONN PLATE ASSY - OTHER LOOSE ITEMS LIKE FASTENERS, DRIFT & TAPER PIN, ADJACENT PIECES 3, BRACING PIPE SUPPORT, LOOSE PLATES, CERAMIC FIBRE INSULATION WOOL AND ETC.,	Drg	III	III	
11	52042	COLD END CONN PLATE ASSY - MAIN ITEMS CENTRE SECTION & SECTOR PLATE ASSY,	RQP	I	I	

SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS
12	52042	COLD END CONN PLATE ASSY - OTHER LOOSE ITEMS LIKE CORNER /SIDE/MIDDEL/SIDE FILLER PIECES , BRACINGS ALL TYPES, LOOSE PLATES, GRATINGS, PIPE ASSY ALL TYPES, DRIFT&TAPER PIN, FASTENERS, SPOOL SUPP SEGMENT, CERAMIC FIBRE INSULATION WOOL	Drg	III	III	
13	52054	AXIAL SEAL-FASTENERS,SEAL LEAF, HOLD STRIP ETC.,	Drg	III	III	
14	52055	BY PASS SEAL-FASTENERS,SEAL LEAF, HOLD STRIP ETC.,	Drg	III	III	
15	52100	LARG AH-ROTOR DRIVE ASSY	RQP	I	I	
16	52100	LARG AH-ROTOR DRIVE ASSY-OTHER LOOSE ITEMS	Drg	III	III	
17	52211	AIR SEAL PIPE-NIPPLES,ELBOW,FASTNERS ETC.,	Drg	III	III	
18	52220	GEN DETAIL-BRACKET,FASTNERS,COVER ASSY ETC.,	Drg	III	III	
19	52261	GUIDE BEARING ASSY	RQP	I	I	
20	52261	GUIDE BEARING ASSY-OTHER LOOSE ITEMS LIKE PIPE COVER, DIP STICK ASSY,PIPE SUPORT BRACING ASSY, ROPE, SLEEVE,FASTNERS,BLOCKING PLATE ETC.,	Drg	III	III	
21	52262	SUPPORT BEARING ASSY	RQP	I	I	
22	52262	SUPPORT BEARING ASSY-OTHER LOOSE ITEMS LIKE COVER PLATE, FASTNERS,RETAINER BLOCKING PLATE,ROPE ETC.,	Drg	III	III	
23	52271	G.B -OIL PIPING -PIPE NIPPLE,REDUCER,ELBOW,GASKET ETC.,	Drg	III	III	
24	52272	S.B-OIL PIPING --PIPE NIPPLE,REDUCER,ELBOW,GASKET ETC	Drg	III	III	
25	52274	LUB OIL CIRCULATION UNIT	Drg	III	III	
26	52301 52302	WASHING MANIFOLD GAS INLET& WASH MANIFOLD GAS OUTOTHER ITEMS	Drg	III	III	
27	52339	LARGE AH-CLEANING EQPT & OTHER ITEMS AND FASTNERS ETC.,	Drg	III	III	
28	52988	LARG AH COMMISSIONING SPARES	Drg	III	III	
BB. BOUGHT OUT ITEMS (MECHANICAL)						
1	50510	STEAM COIL APH	Drg	III	III	
2	52101	AUX ROT DRIVE-AIR RECEIVER	SQP	III	III	
3	52101	AIR RECEIVER- OTHER LOOSE ITEMS LIKE FASTNERS, VALVES, AUTO DRAIN TRAP, PR. GAUGE WITH COCK & PIPING	DRG	III	III	

SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS
4	52000	HYDRAULIC LIFTING,CYLINDER & ACCESSORIES, CHAIN PULLEY BLOCK ETC.,	PS	III	III	
5	52010	D SHACKLES	PS	III	III	
6	52030	EXPANSION PLATE	PS	III	III	
7	52041	CERAMIC WOOL BLANKET	PS	III	III	
8	52042	CERAMIC WOOL BLANKET	PS	III	III	
9	52100	PINION, TAPER LOCK BUSH, AIR MOTOR, DRIVE REDUCER , BIBBY COUPLING, FLUID COUPLING	PS	III	III	
10	52220	OBSERVATION PORT WITH LIGHT, GO SWITCH ROTOR STOPPAGE ALARM BURLING THERMOSTAT THERMOCOUPLE PIPE ASSY	PS	III	III	
11	52261	BEARING ADAPTOR SLEEVE	CATALOGUE DRAWING	III	III	
12	52262	BEARINGS	CATALOGUE DRAWING	III	III	
13	52271 52272	VALVES	PS	III	III	
14	52274	PUMPS, FILTERS, OIL COOLERS VALVES	PS	III	III	
15	52275	LARGE AIR HEATER-LUBRICANTS	Drg	III	III	
16	52338	LARGE AH- MULTIMEDIUM CLEANING DEVICE	PS	III	III	

CC Manufacturing Items of PRODUCT : ESP (Mechanical)

SL NO	PGMA	ITEM DESCRIPTION	REF	VENDOR Category	QP Category	
1	79806	INSULATOR HOUSING ASSY	SQP	III	III	
2	79808	GAS DIST. ASSY	SQP	III	III	
3	79809	GD-RAPPING MECHANISM	SQP	III	III	
4	79810	GD_DRIVE ARRANGEMENT	SQP	III	III	
5	79811	GAS SCREEN-EP	SQP	III	III	
6	79813	EMIT SYST SUSPENSION	SQP	III	III	
7	79815	EMITTING ELECTRODES	Approved End. Sheet & RQP	I	I	
8	79816	EMIT ELECT RAPP MECH	SQP	III	III	

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SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS
9	79817	DRIVE ARG. FOR EMIT.SYS	SQP	III	III	
10	79819	COLL. ELEC. SUSPENSION FRAME ASSY	SQP	III	III	
11	79820	COLLECTING ELECTRODE	Approved End. Sheet & RQP	BHEL SHOP	I	
12	79820	OTHER LOOSE ITEMS OF COLL ELECTRODE	SQP	III	III	
13	79821	EMIT SYS FRAME-TOP	SQP	III	III	
14	79822	EMIT SYS FRAME BOTTOM	SQP	III	III	
15	79823	INSPECTION DOORS	SQP	III	III	
16	79824	SHOCK BARS	SQP	III	III	
17	79825	COLL ELECT RAPP MECH	SQP	III	III	
18	79826	COLL ELEC RAPP DRIVE	SQP	III	III	
19	79828	ESP ROOF BEAMS (FROM ROLLED SECTIONS)	SQP	III	III	
20	79828	ESP ROOF BEAMS (BUILT-UP SECTIONS)	Approved End. Sheet & RQP	I	I	
21	79832	EMIT SYS FRAME-MIDDLE	SQP	III	III	
22	79842	OUTER ROOF-EP	SQP	III	III	
23	79843	HOPPER RIDGES	SQP	III	III	
24	79844	HOPPER UPPER PART	SQP	III	III	
25	79845	HOP MLD&LOWER PART	SQP	III	III	
26	79846	INSULATOR SUPP PANEL	SQP	III	III	
27	79847	ROOF PANEL ASSY	SQP	III	III	
28	79848	Columns of CASING STRUCTURE (From Rolled sections)	SQP	III	III	
29	79848	Columns of CASING STRUCTURE (BUILT-UP SECTIONS)	Approved End. Sheet & RQP	I	I	
30	79848	OTHER LOOSE ITEMS other than columns like BRACING AND STOOL ASSY	SQP	III	III	
31	79849	CASING SHELL/PANEL	SQP	III	III	
32	79850	INLET-OUTLET FUNNEL	SQP	III	III	

SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS
33	79855	PENT HOUSE FOR EP	DRG	III	III	
34	79857	SPLITTER & GUIDE VANES	SQP	III	III	
35	79859	SUPPORTS FOR ELECTRICAL ITEMS	SQP	III	III	
36	79861	EP PERF TEST EQUIPT	SQP	III	III	
37	79864	MISCELLANEOUS ITEMS	DRG/DS/TS/CA TALOGUE	III	III	
38	79865	APPROACH PLATFORM FOR HOPPERS	SQP	III	III	
39	79866	WATER WASHING SYSTEM	DRG	III	III	
40	79868	FIXING COMP. FOR ESP INSULATION	DRG	III	III	
41	79880	FOUNDATION MATLS FOR ESP	DRG	III	III	
42	79881	Columns-SUPPORTING STRUCTURES FOR ESP (From Rolled sections)	SQP	III	III	
43	79881	Columns-SUPPORTING STRUCTURES FOR ESP (BUILT-UP SECTIONS)	Approved End. Sheet & RQP	I	I	
44	79881	OTHER ITEMS otherthan columns like bracing AND SHIM PLATES	DRG	III	III	
45	79988	COMMISSIONING SPARES	DRG/DS/TS/CA TALOGUE	III	III	
46	79996	TOOLS & TACKLES	DRG/DS/TS/CA TALOGUE	III	III	
47	89610	ESP GALLERIES & STAIRS	DRG	III	III	
48	89611	ESP ROOF HANDRAILS	DRG	III	III	
DD Bought Out Items of PRODUCT : ESP (Mechanical)						
1	79801	ROLL/SLIDE SUPPORTS	DRG	III	III	
2	79805	ESP-SUB-DELIVERY COMPONENT	DRG/DS/TS/ CATALOGUE	III	III	
3	79805	CARBON BUSH	DRG	III	III	
4	79805	CONNECTING SCREW (VARIANT 01)	DRG	III	III	
5	79805	CONNECTING SCREW (VARIANT 02)	DRG	III	III	
6	79805	DISCHARGE ROD	DRG	III	III	
7	79805	EARTHING CABLE	DRG	III	III	
8	79805	EARTHING CABLE	DRG	III	III	
9	79805	ESP BEARINGS	DRG/DS/TS	III	III	
10	79805	SKF BEARING 1211K (VERTICAL DRIVE)	DRG	III	III	

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11	79805	SKF BEARING ASSY HOUSING VERTICAL	DRG	III	III	
12	79805	STRETCHING DEVICE	DRG	III	III	
13	79806	COPPER TUBE 3/8"	DRG	III	III	
14	79806	WARNING SIGN	DRG	III	III	
15	79820	D SHACKLE 2 T CAPACITY	DRG	III	III	
16	79820	POP RIVET,DIA 4.8MM	DRG	III	III	
17	79820	RIVETING GUN (ELITE, HAND OPERATD	CATALOGUE	III	III	
18	79820	U-GUIDE	DRG	III	III	
19	79820	WIRE ROPE	DRG	III	III	
20	79824	COLLAR FOR HUCK BOLT SHOCK BAR	DRG / CATALOGUE	III	III	
21	79824	COLLAR FOR HUCK BOLT-CE	DRG /	III	III	
22	79824	HUCK BOLT FOR CE	DRG / CATALOGUE	III	III	
23	79824	HUCK BOLT FOR SHOCK PAD	DRG / CATALOGUE	III	III	
24	79824	SHOCK PAD	DRG	III	III	
25	79845	POKE HOLE TUBE	DRG	III	III	
26	79866	ELBOW 150	DRG / DS / TS	III	III	
27	79866	EQUAL TEE 150	DRG / DS / TS	III	III	
28	79866	GATE VALVE NB 150	DRG / DS / TS	III	III	
29	79866	HOSE ASSEMBLY	DRG / DS / TS	III	III	
30	79867	LRB WOOL MATTRESSES	NTPC SQP	I	I	
31	79872	LINK CHAIN FOR INSULATOR HOUSING	DRG	III	III	
32	79889	GUIDE PLATE/VANE EP INLET	DRG	III	III	
33	89612	FLOOR GRILL AND STEP TREAD FOR ESP	SQP/TDC	I	II	
34	89613	FLOOR GRILL	DRG / DS / TS	I	II	
35	89613	MOBILE ALUMINIUM LADDER FOR HOPPER	DRG / DS / TS	III	III	
36	89614	PENT HOUSE ROOFING SHEET	DRG/TS	III	III	
37	89615	INSULATION CLADDING PLAIN ALUMINIUM SHEET	DRG/TS	III	III	

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38	89618	HSFG BOLTS FOR ESP STRUCTURES	DRG/TS	III	III	
EE Bought Out Items (BOIs) of FAN						
SL No	PGMA	ITEM DESCRIPTION	REF DOCUMENT	Vendor category	QP category	
1	55-024	ID SEALING/ COOLING FANS	P.S	III	III	
2	55-091	FIRST FILL LUBRICANTS	P.S	III	III	
3	55-216	O- RING, SIMMER RINGS	P.S	III	III	
		OTHER SEALS	P.S	III	III	
		FASTENERS	IS	III	III	
		NAME PLATES	--	III	III	
		ANTI-FRICTION BEARINGS	CATALOGUE	III	III	
		MALE STUD UNION	CATALOGUE	III	III	
		CUP SPRINGS	P.S	III	III	
		ELA PIPE CONNECTION	P.S	III	III	
		PILLOW BLOCK BEARINGS	CATALOGUE	III	III	
		RECTANGULAR RING	CATALOGUE	III	III	
		RUBBER HOSE& RUBBER BELT/FABRIC FOR EXPANSION JOINT	P.S	III	III	

SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS
4	55-328	O- RING, SIMMER RINGS	P.S	III	III	
		OTHER SEALS	P.S	III	III	
		FASTENERS	IS	III	III	
		NAME PLATES	--	III	III	
		ANTI-FRICTION BEARINGS	CATALOGUE	III	III	
		MALE STUD UNION	CATALOGUE	III	III	
		CUP SPRINGS	P.S	III	III	
		ELA PIPE CONNECTION	P.S	III	III	
		PILLOW BLOCK BEARINGS	CATALOGUE	III	III	
		RECTANGULAR RING	CATALOGUE	III	III	
		RUBBER HOSE& RUBBER BELT/FABRIC FOR EXPANSION JOINT	P.S	III	III	
5	55-335	O- RING, SIMMER RINGS	P.S	III	III	
		OTHER SEALS	P.S	III	III	
		FASTENERS	IS	III	III	
		NAME PLATES	--	III	III	
		ANTI-FRICTION BEARINGS	CATALOGUE	III	III	
		MALE STUD UNION	CATALOGUE	III	III	
		CUP SPRINGS	P.S	III	III	
		ELA PIPE CONNECTION	P.S	III	III	
		PILLOW BLOCK BEARINGS	CATALOGUE	III	III	
		RECTANGULAR RING	CATALOGUE	III	III	
		RUBBER HOSE& RUBBER BELT/FABRIC FOR EXPANSION JOINT	P.S	III	III	
6	55-810	AXIAL FD FAN COUPLING	P.S	III	III	
7	55-820	AXIAL ID FAN COUPLING	P.S	III	III	
8	55-830	AXIAL PA FAN COUPLING	P.S	III	III	
9	56-870	SEAL AIR FAN COUPLING (RADIAL)	P.S	III	III	
10	56-373	RADIAL SEAL AIR FAN BEARINGS	CATALOGUE	III	III	
11	56-161	RADIAL PENTHOUSE VENTILATION FAN	P.S	III	III	

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12	55-910	AXL FD FAN LOS	Approved End. Sheet & RQP	I	I	
		LUB OIL COOLERS	CATALOGUE	III	III	
		LUB OIL REGULATORS	-DO-	III	III	
		PRESSURE CONTROL VALVE	P.S	III	III	
		LUB OIL FILTERS	P.S	III	III	
		LUB OIL PUMPS	P.S	I	III	
		VALVE FOR LUB OIL SYSTEM		III	III	
		NAME PLATES		III	III	
13	55-920	AXL ID FAN LOS	Approved End. Sheet & ROP	I	I	
		LUB OIL COOLERS	CATALOGUE	III	III	
		LUB OIL REGULATORS	-DO-	III	III	
		PRESSURE CONTROL VALVE	P.S	III	III	
		LUB OIL FILTERS	P.S	III	III	
		LUB OIL PUMPS	P.S	I	III	
		VALVE FOR LUB OIL SYSTEM	--	III	III	
		NAME PLATES		III	III	
14	55-930	AXL PA FAN LOS	Approved End. Sheet & ROP	I	I	
		LUB OIL COOLERS	CATALOGUE	III	III	
		LUB OIL REGULATORS	-DO-	III	III	
		PRESSURE CONTROL VALVE	P.S	III	III	
		LUB OIL FILTERS	P.S	III	III	
		LUB OIL PUMPS	P.S	I	III	
		VALVE FOR LUB OIL SYSTEM	--	III	III	
		NAME PLATES		III	III	
15	55-919	AXIAL FD FAN INSULATION WOOL	SQP	I	III	
16	55-939	AXIAL PA FAN INSULATION WOOL	SQP	I	III	

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FF Manufacturing Item of FAN						
SL No.	PGMA	ITEM DESCRIPTION	REF DOCUMENT	Vendor category	QP category	
1	55-000	AXL FAN TOOLS & FIXTURES	DRG	III	III	
2	55-011	FD FAN FOUNDATION MATERIAL	DRG	III	III	
3	55-021	ID FAN FOUNDATION MATERIAL	DRG	III	III	
4	55-031	PA FAN FOUNDATION MATERIAL	DRG	III	III	
5	55-216	AXIAL FD FAN ROTOR	Approved Endorsement sheet& RQP	I	I	
6	55-328	ID FAN ROTOR	Approved Endorsement sheet& RQP	I	I	
7	55-335	AXIAL PA FAN ROTOR	Approved Endorsement sheet& RQP	I	I	
8	55-516	AXIAL FD FAN STATOR	Approved Endorsement sheet& RQP	I	I	
9	55-628	AXIAL ID FAN STATOR	Approved Endorsement sheet& RQP	I	I	
10	55-635	AXIAL PA FAN STATOR	Approved Endorsement sheet& RQP	I	I	
11	55-911	AXIAL FD FAN SILENCER	Approved Endorsement sheet& RQP	I	I	
12	55-931	PA FAN SILENCER	Approved Endorsement sheet& RQP	I	I	
13	56-173	RADIAL SEAL AIR FAN ROTOR	Approved Endorsement sheet& RQP	I	I	
14	56-473	RADIAL SEAL AIR FAN STATOR	Approved Endorsement sheet& RQP	I	I	

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GG Manufacturing items of Gates and Dampers(Mechanical)						
SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	
1	57-XXX	Other Misc. Item of Guillotine Gates like Transition duct Assy, Mating flange & Air tank	DRG/PS	III	III	
2	57-XXX	Other Items like Pneumatic Fittings, Tube Clip, Copper Tube Etc., of Cold Air/Hot Air Gate	DRG/PS	III	III	
3	57-XXX	Other Misc. Item of Biplane Damper Louve Damper & Control Damper	DRG/PS	III	III	
4	57-XXX	Commissioning spares For Gates & Dampers	CQP/DRG/PS	I/III	I/III	
5	57-XXX	Guillotine Gate and Damper	Approved Endorsement sheet	I	I	
HH Bought Out Items of PRODUCT : Gates & Dampers (Mechanical)						
1	57-XXX	Chain	DRG	III	III	
2	57-XXX	Bearings	DRG / CATALOGUE	III	III	
3	57-XXX	Sprocket	DRG	III	III	
4	57-XXX	Adjusting Bolt	DRG	III	III	
5	57-XXX	Manual Operators	DRG/PS	III	III	
6	57-XXX	Nylon Bush	DRG	III	III	
7	57-XXX	Shaft Collar	DRG	III	III	
8	57-XXX	Graphite Filament Packing	DRG	III	III	
9	57-XXX	Graph oil Bearing	DRG	III	III	
10	57-XXX	Fasteners And Raw Matls. Etc.,	IS	III	III	
11	57-XXX	Air Cylinder	PS/DRG	III	III	
12	57-XXX	Filter Cum Lubricator	DRG/PS	III	III	
13	57-XXX	Check Valve	DRG	III	III	
14	57-XXX	Isolation Valve	DRG	III	III	
15	57-XXX	Other Items Like Fasteners, Hose, Adaptors, Flexible Conduit, Crimping Lug, Electric Cable, Tube Clips, Raw Matls., Etc.,	DRG/PS	III	III	
16	57-XXX	Tee Union	DRG	III	III	
17	57-XXX	Male Connector	DRG	III	III	
18	57-XXX	Blower	DRG/PS	III	III	

NTPC MDL NO: 9585-001-104-QVM-H-001						
DOC.NO.:BAP:QA:MECH:PGMA CAT:R839			REV.02	Dtd. 07/08/2018		
SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS
II Manufacturing items of Chimney for Aux. Boiler (Mechanical)						
SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	
1	87010	CHIMNEY FOUNDATION MATERIAL	DRG	III	III	
2	87100	CHIMNEY SHELL	DRG	III	I	
3	87150	CHIMNEY STRAKES	DRG	III	III	
4	87200	PAINTER TROLLEY	DRG	III	III	
5	87300	PLATFORMS& LADDERS	DRG	III	III	
6	87960	CHIMNEY INSULATION FIXING COMPONENTS	DRG	III	III	
JJ BOUGHT OUT ITEMS of Chimney for Aux. Boiler (Mechanical)						
SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	
1	87930	AVIATION LAMPS	DRG/ SPEC	III	III	
2	87950	CHIMNEY INSULATION	DRG/ SPEC	III	III	
KK Manufacturing items of FD FAN for Aux. Boiler (Mechanical)						
SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	
1	56011	FD FAN FOUNDATION MATERIAL	DRG	III	III	
2	56113	RADIAL FD FAN ROTOR	DRG	I	I	
3	56413	RADIAL FD FAN STATOR	DRG	I	I	
LL BOUGHT OUT ITEMS of FD FAN for Aux. Boiler (Mechanical)						
SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	
1	56000	Tools & Fixture	DRG/SPEC	III	III	
2	56313	RADIAL FD FAN BEARINGS	CATALOGUE	III	III	
3	56810	RADIAL FD FAN COUPLING	DRG/SPEC	III	III	
4	56919	RADIAL FD FAN INSULATION	SQP	III	III	

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SL NO	PGMA	ITEM DESCRIPTION	REF DOCUMENT	VENDOR CATEGORY	QP CATEGORY	REMARKS

NOTES :-

- 1) All other items which are not mentioned in the list can be considered as Cat-III items
- 2) The motors for all application shall be as per NTPC approved vendor list.

REVISION NO	NTPC COMMENTS	BHEL REPLY	REMARKS
01	Airpreheater and Fans portion striked off	As per LOA, BAP, Ranipet is approved on provenness/ qualifying experience and vendor detail for Fans and Air-preheaters. Extract of LOA is attached for your kind reference.	
	Page: 06, SI no: 33 & 34, Electroforged gratings for all areas shall be from NTPC approved vendors as per LOA list	Incorporated in the document. Vendor category changed to Cat. I and QP category to Cat- II.	
	SI no: 20 & 21 of GAD bought out items, As per NTPC approved vendor list	Both the items are removed as they are electrical items and for electrical items, vendor and QP category are as per LOA only.	
	Notes: The motors for all application shall be as per NTPC approved vendor list.	LOA only will be followed for all electrical items, this note is also incorporated under notes.	
	There is no vendor category as II.	Noted and removed from the document	
02	Submit the categorisation for Axial fans after finalization of execution plan as BHEL , Ranipet has been accepted for these fans with collaboration with TLT, Germany. BHEL needs to submit the proposed execution plan for NTPC's approval.	Axial fans Endorsement sheet has been submitted to M/s NTPC after endorsement from TLT, Germany and the sourcing of critical items is tied up in quality plan itself, therefore we request you to consider categorization for Axial fans.	
	Metallic Expansion Joint- Catg- I	Metallic Expansion joints for this project are under the scope of BHEL, Trichy	

QP Category :

- Category - I Quality Plan Approval by NTPC, where physical inspection by customer is envisaged.
- Category - II Quality Plan / Inspection Check List Approval by customer, but no physical inspection by NTPC is envisaged.
- Category - III Only Manufacturer's Certificate of Compliance (COC) shall be submitted for the issue of dispatch clearance by customer wherever applicable. Items not covered in above list is cat III.

Vendor Category:

- Category - I Acceptable to / Approved by customer
- Category - III No Specific Vendor Approval by Customer is required

Prepared by Rajamanickam M Sr.Engineer/ QA	
Approved By K.C GANDHI PARIMALAM DGM/ QA	