

APPROVED VENDOR LIST FOR MECHANICAL EQUIPMENT

1	CENTRIFUGAL / CENTRIFUGAL NON-CLOG PUMPS (SUITABLE FOR DRY WELL INSTALLATION)	BEACON WEIR / JYOTI / KIRLOSKAR / KSB / MATHER & PLATT (WILO) / WORTHINGTON (WPIL) / GRUNDFOSS / XYLEM / EBARA
2	SUBMERSIBLE CENTRIFUGAL VERTICAL / NON- CLOG PUMPS (FOR WET WELL INSTALLATION)	AQUA / KIRLOSKAR / KSB / ABS / GRUNDFOSS / XYLEM / MATHER & PLATT (WILO) / EBARA / KISHOR
3	DRAIN / DEWATERING / DE-SILTING PUMPS (SUBMERSIBLE / HORIZONTAL)	AQUA / KIRLOSKAR / KSB / ABS / XYLEM / MBH / WILO (M&P) / GRUNDFOSS / KISHOR
4	SCREW (PROGRESSIVE CAVITY) PUMP	ROTO / NETZSCH / TUSHACO / SEEPEX / U T PUMP
5	METERING / DOSING PUMPS	SWELLORE / V.K.PUMPS / SHAPOTOOLS / MILTON ROY / S.R. METERING
6	VALVES (SLUICE VALVES / NON RETURN VALVES (SINGLE / MULTI DOOR) / DUAL PLATE CHECK VALVES / BUTTERFLY VALVES / AIR VALVES)	KIRLOSKAR / IVC / IVI / AUDCO / R&D MULTIPLE / KEYSTONE / FOURESS / VAG / AVK / DURGA / UPADHAYA
7	KNIFE GATE VALVE	JASH / FOURESS / HI-TECH / VAG / ORBINOX / R&D MULTIPLE / UPADHAYA
8	SLUICE GATES / OPEN CHANNEL GATES	JASH / IVC / IVI / R&D MULTIPLE / PARCHURE ENGINEERS
9	BALL VALVES	AUDCO / INTERVALVE / KIRLOSKAR / SAUNDERS / SATURN / VIRGO / HI-TECH / UPADHAYA
10	HOT/EOT CRANE AND PULLEY BLOCK.	MORRIS/ INDEF / SAFEX / W H BRADY/ ANKER / JAPS
11	DIFFUSED AERATION SYSTEM	EDI / OTT / REHAU / XYLEM-SANITAIRE / SSI / SCOGEN
12	AIR BLOWER - TWIN LOBE (ROTARY AIR BLOWER)	KAY / SWAM / EVEREST / USHA COMPRESSORS / GARDEN DENVER / AERZEN
13	AIR BLOWER - TRI-LOBE, ENERGY EFFICIENT (ROTARY AIR BLOWER)	GARDEN DENVER / AERZEN / HOWDEN / ROOTS-GE / SIEMENS / SULZER-ABS
14	AIR BLOWER - TURBO / CENTRIFUGAL / (INTEGRALLY GEARED) / HELICAL / MULTI STAGE	HOWDEN / ROOTS-GE / SIEMENS / SULZER-ABS / TURBOMAX / NEUROS / AERZEN / GARDEN DENVER
15	AGITATOR / MIXER	REMI / SCHURTEK / FIBRE & FIBRE / MILTON ROY / SHIVPAD (JASH) / CEECON / TRIVENI / PARCHURE ENGINEERS / HNB
16	GEAR BOXES	ELECON / CPEC / PREMIUM TRANSMISSION (PTPL) / BONFIGLIOLI / RADICON (PBL) / SHANTHI GEARS
17	D.I. PIPES	ELECTRO STEEL / KEJRIWAL / LANCO / JINDAL / ELECTROTHERM / SRIKALAHASTHI
18	D.I. DOUBLE FLANGED (DI DF) PIPES & FITTINGS.	ELECTRO STEEL / KEJRIWAL / LANCO / KISWOK / JINDAL / ELECTROTHERM / SRIKALAHASTHI / TRUFORM / CHANDRACHAL (DI PIPE FOR DI DF PIPE MANUFACTURING SHALL BE AS PER APPROVED MAKE OF DI PIPES ONLY)

19	C.I. PIPES & FITTINGS.	ELECTRO STEEL / KEJRIWAL / UPADHYAYA / NJMW / ESKAY (HOWRAH) / ORIENTAL CASTINGS / BIC
20	CHLORINATOR	ALLDOS (GRUNDFOS) / METITO / SUPREME TECHNOLOGY (EVOQUA) / CHLOROTECH / TOSHCON JESCO / BANACO / CAPITAL CONTROLS (DENORA)
21	CHLORINE CONTAINER	ISGEC / ANUP
22	CHLORINE PRESSURE GUAGE	WIKA / H.GURU / WAREE / GLUCK
23	VACCUM GUAGE	WIKA / H.GURU / WAREE / GLUCK
24	CHLORINE BOOSTER PUMP	GRUNDFOSS / ABS / EBARA / FLYGT / KSB / KIRLOSKAR / WILO
25	NRV/ DIAPHRAM VALVE	DPP / PARCH
26	HDPE PIPES	ASTRAL / DUTRON / DURALINE / NARMADA / RIL (PIL) / PENWALT / ANJNEY / JAIN IRRIGATION / SANGIR/ SUPREME
27	PVC / UPVC / CPVC PIPES	ASTRAL / SUPREME / PRINCE / DUTRON / FINOLEX / JAIN IRRIGATION / VECTUS INDUSTRIES / AJAY
28	M.S. / C.S. / G.I. PIPES	JINDAL / TATA / WELSPUN / ASIAN / SAIL / ANY REPUTED MFR.
29	SS PIPES	REMI / RATNAMANI / JINDAL OR ANY BEARING ISI MARK
30	GRP PIPES	EPP / CPP
31	FRP PIPES & ACCESSORIES	SINTEX / SUMIP / DAKLE / RANI & CO. / GANDHI & ASSOCIATES / CPE / CHLOROTECH
32	AIR DIFFUSER	OTT / EDI / OVIVO / SCOGEN / JAGER
33	PVC SHEETS	FINOLEX / TAINWALA / RANI & CO.
34	AIR COMPRESSOR	INGERSOLL-RAND / KHOSLA / KIRLOSKAR / CPE
35	MECHANICAL SEALS	EAGLE SEALS (SEALOL) / DURAMETALLIC / BURGMAN / FLOW SERVE / AESSEAL / CHESTERTON / FLEXASEAL / JOHN CRANE
36	ELECTRIC ACTUATOR	AUMA / ROTORK / EMERSON
37	ANAEROBIC / ANOXIC / EQUALIZATION TANK MIXERS AND FLOATING AERATORS	HITACHI / ABS / AIRE-O2 / AQUA AEROBICS / ITT-FLYGHY / SULZER-ABS / FUCHS / AWATECH
38	MBBR MEDIA	KALDNESS / AQUAWISE/ SIEMENS / OVIVO
39	MS / GI PLATES & SHEETS	ARCELOR MITTAL (ESSAR) / TATA / JINDAL / SAIL / ASIAN
40	EXPANSION BELLOWS	DHRUV / PRECISION / TECHNOFLEX / PRECISE ENGG. / FLEXICAN BELLOWS & HOSES / FLEXPART BELLOWS / SUR INDUSTRIES (SURFLEX) / ATHULYA BELLOWS / STANFAB ENGINEERING
41	MECHANICAL FINE SCREENS	JASH / HUBER / BILFINGER / EKOTON / AURIC (SAVI) / APOLLO SCREEN / PARCHURE ENGINEERS / HNB

42	MECHANICAL COARSE BAR SCREEN	JASH / JASH-MM2MM / HUBER / BILFINGER / HDO / TRIVENI / EKOTON / AURIC (SAVI) / APOLLO SCREEN / PARCHURE ENGINEERS / HNB
43	MANUAL BAR / BOX SCREEN	JASH / JAPS / HDO / TRIVENI / AURIC / SHIVPAD / APOLLO SCREEN / PARCHURE ENGINEERS / HNB
44	FINE SCREEN / MULTI RAKE BAR SCREEN	JASH ENGINEERING / ENGER / UMWELLTECH NOLOGIE GMBH / SPAANS BAB COCK BV. / VOLTAS / HUBER / JHONSON
45	GRAVITY SETTLING TYPE - GRIT MECHANISM (CONVENTIONAL), SECONDARY CLARIFIER, GRAVITY SLUDGE THICKENER	EIMCO-KCP / HDO / SHIVPAD / TRIVENI / VOLTAS / PARCHURE ENGINEERS / HNB
46	GRIT MECHANISM – VORTEX TYPE	EVOQUA / EKOTON (EUROTECK) / HUBER / OVIVO / SMITH & LOVELESS / VEOLIA
47	CENTRIFUGE	HUMBOLDT / ALPHA LAVAL / HILLER / GEA WESTFALIA
48	BELT FILTER PRESS	AURIC TECHNO (TEKNOFANGHI) / EMO / EUROTECK (EKOTON) / ANDRITZ / VOEST-ALPINE / DYMANIC
49	FIXED FILM BIO MEDIA	BRENTWOOD-USA / OVIVO / AWATECH / NORDDEUTSCHEGMBH / WORLD WATER WORKS / EUROTECH / ORGANICA
50	MBR MEMBRANE	GE / SIEMENS / KOCH
51	AIR CONDITIONERS	BLUE STAR / CARRIER / DAIKIN / HITACHI / LG / O-GENERAL / SAMSUNG / VOLTAS / MITSUBISHI
52	SUBMERSIBLE MIXER	SULZER-ABS / XYLEM / GRUNDFOSS / KSB / WILO / KISHOR
53	BELT CONVEYOR	JASH / JAPS / APOLLO SCREENS / ALL APPROVED VENDOR FOR MECH. SCREENS
54	UV SYSTEM	A O SMITH / AMERICAN AIR & WATER INC. / CALGON / TROJAN UV / ULTRA AQUA / XYLEM / ATLANTIUM UV/ ALPHA
55	DISC / CLOTH / SCREEN FILTER	HUBER / EVOQUA / WESTECH / XYLEM / MITA (EUROTECK) / JASH-INVENT / YUCHEON / AWATECH (AQUA AEROBICS) / PREMIERTECH
56	ODOR CONTROL SYSTEM	CECO ENVIRONMENTAL / AQOZA / EVOQUA / EUROTECH / PUREFIL / AWATECH / PURE AIR FILTERATION / ERG NEEV
57	VERTICAL TURBINE PUMPS	JYOTI / KIRLOSKAR / WORTHINGTON (WPIL) / MATHER & PLATT / FLOWMORE
58	SAMPLING PUMPS	MAIMOON MACHINE TOOLS / TULLU / KIRLOSKAR / CROMPTON
59	TUBE INSTALLED SUBMERSIBLE PUMP	XYLEM / ABS SULZER / KSB
	MOTOR	
60	TEFC MOTOR FOR MECHANICAL SCREEN	ALSTOM / SIEMENS / ABB / NGEF / KIRLOSKAR / BHARAT BIJLEE / WEG / AEG / LOREYSOMER / BONFIGLOLI / BALDOR
61	MOTOR	KEC / JYOTI / CROMPTON / BALDOR / WEG / ABB / MARATHON / BB / SIEMENS / NGEF / BHEL / HAVELLS

62	NON RETURN VALVE (BALL TYPE)	KIRLOSKAR / IVC / FOURESS / IVI / NORMAX / KISHOR / BRAY / G M ENGG. PVT LTD / MARCK (ORBIT)/ MAGWEN
63	S.S. ELBOW	PROCO / DHRUV / BELOFLEX / DWREN
64	AIR FILTER	GEM / NORGEN / ULTRA / ATLAS COPCO
65	AIR FILTER REGULATOR	ABB / DIVYA / JANATICS / PLACKA / SHAVO NORGREN / ATLAS COPCO
66	PPRC TUBES	VECTUS / FUSION / LEGRIS
67	PNEMATIC CYLINDERS	SCHRADDER / FESTO / SMC / NUCON
68	SOLENOID VALVE	JANATICS / SCHRADER ROTEX / ASCO
69	LIMIT SWITCHES	TATA HONEYWELL / SIEMENS / BCH
70	PAINT	ASIAN PAINTS / BERGER / SHALIMAR / DULUX
71	PROCESS EQUIPMENTS	EMCO KCP / HINDUSTAN DORR-OLIVER / VOLTAS / HYDRAULIC & GENERAL ENGINEERS / DEGREMOUNT / OVIVO / SHIVPAD ENGINEERS PVT. LTD. / HUBER / TEKNOFANGHI / EKOTON / JASH
72	MOISTURE TRAPS	CRA / GGE
73	CENTRIFUGE / BELT FILTER PRESS	ALFA LAVAL / HUMBOLDT WEDAG / FLOTTWEG / ANAERGIA / GEA WESTFALIA SEPARATORS / TEKNOFANGHI
74	ASPIRATOR AERATORS	WATER MATRIX / AIRE-O2 USA / CIRCUIT SA / HITACHI / OVIVO
75	ARCHIMEDIAN SCREW THICKENER	TEKNOFANGHI / ANDRITZ / ANAERGIA / SERNAGIOTTO / HUBER.
76	SURFACE AERATORS	VOLTAS / TRIVENI / BATLIBOI
77	BEARINGS	SKF / FAG / RHP / ABC.
78	SUBMERSIBLE MIXERS FOR ANAEROBIC / ANOXIC REACTORS	XYLEM / ABS / KBS / WILO
79	FRP CHEQUERED PLATE / GRATINGS	SINTEX / TRANS POWER / TRIVANI FIBER
80	FABRICATION STEEL PLATES	TATA / SAIL / ESSAR / JINDAL / RASHTRIYA ISPAT
81	RO MEMBRANE	TORAY / HYDRANUATICS / OVIVO / DUPONT
82	UF MEMBRANE	INGE / OVIVO / ASAHI KASEI / HYDRANAUTICS / DUPONT / TORAY / VEOLIA
83	DISK / CLOTH MEDIA FILTER	SIEMENS / A W A T E C H (AQUA AEROBIC) / NORDIC / SFC / JASH-INVEC / MITA
84	FILTER NOZZELS	OVIVO / DEGREMONT / ECPL
85	TUBE SETTLER	BRENTWOOD-USA / SIEMENS / MM AQUA
86	MANUAL STRAINER	AMIAD / GOPANI / ECPL / ANSYS / HY-PRECISION / 3M CUNO
87	CARTRIDGE FILTER	GOPANI / ANSYS / HY-PRECISION / 3M CUNO OR EQUIVALENT

88	ACTIVATED CARBON FILTER	SPINE CODE / SUNSHIL OR EQUIVALENT
89	DEGASSER UNIT	SPINE CODE OR EQUIVALENT
90	DEGASSER BLOWER	LAXMI PROJECT OR EQUIVALENT
91	MISCELLANEOUS ITEMS	
92	FASTENERS	PRECISION TAPS / FIT TIGHT / F.E. DARUKHANAWALA / GKW / ECHJAY / SUNDARAM FASTENERS / AEP& CO. / TATA / V.CHUNILAL & CO. / STEEL & ALLIED /PRECISION ENGG.
93	FLOAT TYPE FLOW INDICATOR	S.B.ELECTRONICS / NIVO CONTROL (P) LTD. / DG CONTROLS / IMPERIAL FLOATS
94	REFRIGERATOR	VOLTAS / GODREJ / WHIRLPOOL / VIDEOCON.
95	AIR-CONDITIONERS	VOLTAS / BLUESTAR / SAMSUNG / LG / HITACHI / LLOYDS / CARRIER
96	HOT AIR BLOWER	WOLF / ARVY
97	MEMBRANE GAS DOME / HOLDER	MEMBRANE SYSTEM EUROPE / THE NETHERLANDS / ECO MEMBRANE ITALY / GGE / ATT / AWATECH
98	BIO GAS ENGINE GENERATOR SET	GE JENBECHAR / GAUSCOR-SIEMENS / WATSILLA / WAUKESHA / SULZER-HCP / DEUTZ / PERKINS / DETROIT / MITSUBISHI / HYUNDAI
99	ALTERNATOR	KIRLOSKAR / CROMPTON / STEMPHORD / SIEMENS / LOREYSOMEER
100	BIO GAS FLARING SYSTEM	CRA / GGE
101	H2S SCRUBBER SYSTEM	CRA / WESSOVARAC / GGE
102	DEHUMIDIFIER / CHILLER	CRA / GGE
103	WET VENTILLATION SYSTEM	GGE / CLARKE ENERGY

The contractor shall distinctly understand that it will not be their prerogative to insist on a particular brand from the list, final selection will be done with the approval of Engineer in charge.

VENDOR LIST – ELECTRICAL EQUIPMENT AND COMPONENTS

ITEM DESCRIPTION	APPROVED MAKE
COMPACT SUBSTATIONS	ABB / CGL / SCHNEIDER / SIEMENS
MV SWITCHBOARD & MV SWITCHGEAR -11 / 33kV - INDOOR / OUTDOOR TYPE (VCB/SF6)	ABB / AREVA / BHEL / CG POWER / GEC / JYOTI / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS / AUTH. SYSTEM INTEGRATOR FOR SPECIFIED APPROVED MAKE OF OEM HERE IN
RING MAIN UNIT (RMU) MV - 11 / 33kV - INDOOR / OUTDOOR TYPE (VCB/SF6)	ABB / BHEL / CG POWER / GE / JYOTI / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS
PROTECTIVE RELAYS (NUMERICAL TYPE)	ABB / ALSTOM / CSPC (C&S) / CG POWER / GE / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS
PROTECTIVE / AUXILLARY RELAYS (ELECTROMECHANICAL TYPE)	ABB / ALSTOM / CSPC (C&S) / CG POWER / EASUN REYROLLE / GE / GEC / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS
INSTRUMENT TRANSFORMERS (CT / PT / CBCT)	AUTOMATIC ELECTRIC / AEP / ASHMOR / C&S / CG POWER / ECS / GILBERT AND MAXWELL / INDCOIL / JYOTI / KAPPA / PRAGATI / PRECISE / SILKAANS / CONTROL & SWGR
SURGE SUPPRESSORS	ABB / EMERSON / ERICO / MTL / OBLUM / PEPPERL+FUCHS / PHOENIX / RAYCHEM SCHNEIDER / SIEMENS / WEID MULLER
UNINTERRUPTED POWER SUPPLY (UPS)	ABB / EMERSON / FUJI / HITACHI / INVENSYS / SCHNEIDER / SOCOME
LIGHTNING ARRESTORS	BIRLA NGK INSULATORS / CG POWER / DHURVA/ ELPRO / JEF / JAYSHREE / OBLUM / WS
ALARM ANNUNCIATORS (SOLID STATE TYPE WITH LED ILLUMINATION) / FACIA ANNUNCIATOR	APLAB / ALSTOM / DIGICONT / ICA / IICP / MINILEC / PROCON INST. (P) LTD / PROTON ELECTRONICS
BATTERY BACKED POWER PACK	ALAN / BHARANI / GOGATE / G'LEC
BATTERY CHARGER & DCDB	AMARA RAJA / AMCO POWER / AUTOMATIC ELECTRIC / CALDYNE AUTOMATICS / CHHABI ELECTRICALS / EXIDE / ELECTRONIC SYSTEMS / HBL POWER SYSTEMS / HIREL-HITACHI / MASS-TECH CONTROLS / UNIVERSAL INSTRUMENTS / SERVILINK
SMF / VRLA / NI-CD / LEAD ACID (PLANTE / TUBULAR) BATTERY	AUTOMATIC ELECTRIC / AMARA RAJA BATTERIES LTD / AMCO / EXIDE / FUJIYAMA / HBL POWER SYSTEMS LTD / LUMINOUS POWER / OKAYA
ELECTRONIC CIRCUIT RELAY	ALLEN BRADLEY / OEN / OMRON / PLA
CONTROL AND RELAY PANEL	ABB / ALSTOM / GE / EASUN REYROLLE / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS
DISTRIBUTION TRANSFORMERS	ABB / AREVA / BBL / BHEL / CG POWER / EMCO / GEC / KEC / RAYCHEM RPG LTD. / SCHNEIDER / TRANSFORMERS & RECTIFIERS INDIA LIMITED / VOLTAMP
TRANSFORMER LIGHTING DRY-TYPE (CAST RESIN)	ABB / AUTOMATIC ELECTRIC LTD. / CGL / INDCOIL / KOTSONS / VOLTAMP

SANDWICH BUS TRUNKING (BUS DUCT)	ABB / C&S / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS
CONVENTIONAL BUSDUCT	ABB / C&S / LK E&A (Formally L&T)/ SCHNEIDER / SIEMENS / STARDRIVE / ALL LT PANEL VENDORS
DIESEL ENGINES	ASHOK LEYLAND /CATERPILLAR / CUMMINS / KOEL / MAHINDRA POWEROL / MITSUBISHI / PERKINS / VOLVO / WARTSILA / BAUDOUIN
ALTERNATORS FOR DG SETS	BHEL / CGL / JYOTI / KEC / KOEL / LEROY SOMER / NGEF / STAMFORD
AMF RELAY, SYNCHRONIZING RELAY (WITH RS 485)	DEEP SEA/ C&S/WOODWARD/DEIF
PANEL CRCA / MS / GI PLATES & SHEET	ARCEL OR MITTAL / ASIAN / ESSAR / JINDAL / SAIL / TATA
ALUMINIUM BUSBAR MATERIAL	BANCO / HINDALCO / JINDAL / STERLITE
COPPER BUSBAR MATERIAL	HINDALCO / JINDAL / STERLITE
LV SWITCHBOARD (PCC / PMCC / MCC / APFC / S/S / VFD etc.) PANEL AS PER IS /IEC 61439 OR LATEST EDITION	ABB / LK E&A / SCHNEIDER / SIEMENS / C&S OR IT'S AUTHORIZED SYSTEM INTEGRATOR / FRANCHISEE
ACTIVE HARMONIC FILTER SOLUTION / PANEL	ABB / AMTECH / AB LIFASA / CONSULE NEOWATT / DANFOSS / EPCOS / FUJI ELECTRIC / NEPTUNE / SCHNEIDER / SCHNEFFER / SUBODHAN / SHREEM / TRINITY / LK E&A
APFC PANEL	ABB / ASIAN / ALSTOM / CG POWER / CSPC (C&S) / DATAR / EPCOS / EASUN / LK-E&A (FORMLY L&T E&A) / NEPTUNE / SCHNEIDER / SIEMENS / ALL APPROVED VENDORS FOR LT PANEL
APFC RELAY / CONTROLLER	ABB / CUMMINS / DATAR / ENERCON / EPCOS / L & T / SCHNEIDER / SIEMENS / SYNTEL / TRINITY
DETUNED SERIES REACTORS WITH TEMPERATURE MICRO SWITCH (HARMONIC FILTER REACTOR)	ABB / EPCOS / NEPTUNE / SUBODHAN / VISHAY / YESHA / WHEPL
DYNAMIC POWER FACTOR CORRECTION THYRISTOR MODULE	ABB / EPCOS / NEPTUNE / SUBODHAN / SCHNEIDER
CAPACITOR DUTY CONTACTOR	ABB / EPCOS / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS / C & S
AC/DC POWER & AUXILLARY CONTACTOR	ABB / BCH / C&S / GE / INDO ASIAN / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS / MISTRUBISHI
MV CAPACITORS	ABB / EPCOS / SHREEM / UNIVERSAL / VISHAY
LV CAPACITORS / POWER CAPACITOR	ABB / ASIAN / BHEL / CG POWER / EPCOS / GEC / HAVELLS / KHATAU JUNKER / MADHAV / MALDE / NEPTUNE / PRABODHAN / POWER MATRIX / SCHNEIDER / SUBODHAN / SHREEM / SIEMENS / UNIVERSAL /VISHAY
SOFT STARTER (MICRO PROCESSOR BASED)	ABB / CG POWER (EMOTRON) / DANFOSS / ROCKWELL / SCHNEIDER / SIEMENS / LK-E&A
VVVF DRIVES (VFD)	ABB / CG POWER (EMOTRON) / DANFOSS / ROCKWELL / SCHNEIDER / SIEMENS / YASKAWA / LK-E&A / MISTUBISHI / NORD / HITACHI
SEMICONDUCTOR FUSE	BUSSMANN / FERRAZ / GE / SIEMENS
HRC FUSE (POWER & CONTROL)	ABB / C&S / GE / INDO ASIAN / LK-E&A / SCHNEIDER / SIEMENS / TECHNOELECTRIC

AIR CIRCUIT BREAKERS	ABB / AREVA / C&S / LEGRAND / LK-E&A (FORMLY L&T E&A) / MITSUBISHI / SCHNEIDER / SIEMENS
MCCB'S	ABB / C&S / GEC / LEGRAND / LK-E&A (FORMLY L&T E&A) / MITSUBISHI / SCHNEIDER / SIEMENS
MPCB	ABB / C&S / INDO ASIAN / LK-E&A (FORMLY L&T E&A) / MITSUBISHI / SCHNEIDER / SIEMENS
MCB / RCCB / RCBO / MCB ISOLATORS / ELCB	ABB / C&S / GEC / HAVELLS / INDO ASIAN / LEGRAND / LK-E&A (FORMLY L&T E&A) / MITSUBISHI / MOELLER / SCHNEIDER / SIEMENS
SWITCH DISCONNECTOR FUSE UNIT (SDF) AND SWITCH DISCONNECTOR ISOLATOR	ABB / C&S / GEC / INDOASIAN / LK-E&A (FORMLY L&T E&A) / MITSUBISHI / SCHNEIDER / SIEMENS
CHANGE OVER SWITCH	ABB / BCH / C&S / GE POWER / HAVELLS / HPL / KRAUS & NAIMER / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS
TEMPERATURE SCANNER WITH RS 485 MODBUS COMMUNICATION	ELECTRONET / MULTISPAN / MASIBUS / NIVAM / NISHKO / REDIX / SELEC
KWH / LOAD MANAGER / MULTI FUNCTION METER	ABB / CONZERV / ENERCON / IMP / KRYKARD / LK-E&A (FORMLY L&T E&A) / MECO / RISHABH / SCHNEIDER / SECURE
DIGITAL AMMETER / VOLTMETER / POWER FACTOR METER	ABB / ALSTOM / AE / ASIAN / CONZERV / IMP / KRYKARD / LK-E&A (FORMLY L&T E&A) / MECO / MASIBUS / MULTISPAN / NIPPEN / NEWTEK ELECTRICALS / RISHABH / SCHNEIDER / SECURE / SIEMENS
ANALOG (ELECTROMECHANICAL) METERS – AMMETER & VOLTMETER	AE / IMP / MECO / RISHABH / SELEC
HANDHELD DIGITAL MULTIMETER / CLIP-ON METER / MEGGER	FLUKE / IMP / MECO / MOTWANE / RISHABH
CONTROL / SELECTOR SWITCH	ABB / ALSTOM / BCH / EE / GE / HAVELLS / JYOTI KAYCEE / LK-E&A (FORMLY L&T E&A) / RECOM / SCHNEIDER / SIEMENS / SULZER
INDICATING LAMPS	ABB / BCH / EE / IEC / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS / TEKNIC CONTROLS / VAISHNO
PUSHBUTTONS	ABB / BCH / LK-E&A (FORMLY L&T E&A) / RASS / SCHNEIDER / SIEMENS / TEKNIC / VAISHNO
CONSTANT VOLTAGE TRANSFORMER/CONTROL TRANSFORMER	AE / ASHMORE / G & M / INDCOIL / NEC / PRAGATI / PRECISE / SILKAANS
MICROPROCESSOR BASED MOTOR PROTECTION RELAY WITH RS 485	ABB / CSPC (C & S) / EXCEL-TECH INDIA / LK-E&A (FORMLY L&T E&A) / PROK DEVICES / SCHNEIDER / SIEMENS / MITSUBISHI
BI-METAL / ELECTRONIC / MICROPROCESSOR BASED OVERLOAD RELAY	ABB / ALSTOM / CSPC (C&S) / CG POWER / GE / INDO ASIAN / LK-E&A (FORMLY L&T E&A) / SCHNEIDER / SIEMENS
THERMISTER RELAY	ALSTOM / INSTA CONTROLS / MINILEC / SELEC / MITSUBISHI
SINGLE PHASING PREVENTER WITH UV/OV PROTECTION	ABB / C&S / GE / LK-E&A (FORMLY L&T E&A) / MINILEC / SCHNEIDER / SIEMENS
TIME SWITCH	GIC / LEGRAND / SCHNEIDER / SIEMENS / THEBEN

TIMERS / TIME DELAY RELAY	ABB / BCH / EAPL / ELICO / INDO ASIAN / LEGRAND / LK-E&A (FORMLY L&T E&A) / MINILEC / OMRON / PLA / SCHNEIDER / SIEMENS / TEKNIC / THEBEN
PANEL VENTILATION FAN	COOLTRON / HICOOL / NADI / REXNORD
TERMINAL BLOCK/CONNECTORS	CONNECTWELL / ELMEX / PHEONIX / TELEMECHANIQUE / WAGO
LIGHTING / SMALL POWER DISTRIBUTION BOARDS / ENCLOSURES	ABB / BCH / C&S / ELDON / ENCLOTEK / HENSEL / HAVELLS / INDO ASIAN / LEGRAND / LK-E&A (FORMLY L&T E&A) / RITTAL / SCHNEIDER / SIEMENS / STANDARD ELECTRIC / ALL APPROVED VENDORS FOR LT PANEL
PUSH BUTTON STATIONS / JUNCTION BOX (FOR CAST ALUMINIUM ONLY)	BALIGA / BCH / CEAG / EXPROTECTA / EXCEL / FCG FLEXPOR / HANSU / HENSEL / PUSTRON / SCHNEIDER / SIEMENS / SUDHIR
NON METALLIC ENCLOSURES (INCLUDING INDUSTRIAL RECEPTACLES / PB STATION)	BCH / HENSEL / LEGRAND / PUSTRON / RITTAL / SCHNEIDER / SIEMENS / SINTEX
MOTORS (LV)	ABB / BBL / BHEL / CG POWER / JYOTI / KEC / MARATHON / SIEMENS
CABLES HV - XLPE INSULATED	ASIAN CABLE / CCI / FINOLEX / GLOSTER / HAVELLS / KEI / NICCO / POLYCAB / PRIMECAB (RAVIN CABLES) / RPG CABLES (KEC INTERNATIONAL)/ TORRENT CABLES / UNIVERSAL CABLES
CABLES LV - POWER & CONTROL CABLES / EARTHING CABLES	ASIAN CABLE / AVOCAB / CCI / FINOLEX / FORT GLOSTER / HAVELLS / KEI / LAPP / NICCO / POLYCAB / PRIME CAB (RAVIN CABLES)/ RPG CABLES (KEC INTERNATIONAL) / RR KABEL / TORRENT / UNIVERSAL CABLES
WIRES - FLEXIBLES (ALL TYPES)	AVOCAB / ANCHOR / ATLAS / FINOLEX / GLOSTER / HAVELLS / KEI / LK-E&A (FORMLY L&T E&A) / LAPP / POLYCAB / RR KABEL / UNIVERSAL
GI / FRP CABLE TRAYS, ANY OTHER FRP ITEMS	DUDHAT INFRA / FIBER TECH COMPOSITE / GLOBE / INDIANA / JACINTH / LEGRAND / KISMAT ENGITECH LLP / M.M. ENGINEERING / SHARDA / SILVERLINE POWER / SHREE KRISHNA ENGG. / SUPER ELECTRO / SUMIP / SATYAM COMPOSITES / VATCO
CABLE GLANDS (SINGLE / DOUBLE COMPRESSION, NI-PLATTED BRASS)	BALIGA / BRACO / COMET / EX-PROTECTA / ELECTROMECH / FCG / HMI / JAINSON / SIEMENS / SUDHIR / DOWELLS
CABLE GLANDS – POLYAMIDE	FIBOX / GEWISS / HENSEL / LAPP
CABLE LUGS	3D / 3M / COMET / CONNECTWELL / DOWELLS / JAINSON
CABLE TERMINATION/JOINTING KITS	3M / ABB / CCI / KABELDON / M SEAL / RAYCHEM / XICOM
UPVC CONDUIT & ACCESSORIES	AKG / BHAGYALAXMI PIPE INDUSTRY / CLIPSAL / LK-E&A (FORMLY L&T E&A) / POLYCAB / PRECISION / SALZER / ANY OTHER FOR UPVC PIPES AS PER MECHANICAL VENDOR LIST

PVC CONDUITS & ACCESSORIES	PRECISION / CLIPSAL / LK E&A (Formally L&T)/ SALZER / POLYCAB
MS / GI CONDUIT & PIPES	BEC INDUSTRIES / JINDAL / JK TUBE / SAIL / TATA STEEL / ZENITH / ANY OTHER FOR MS/GI PIPES AS PER MECHANICAL VENDOR LIST
HIGH MAST LIGHTING SYSTEM	BAJAJ / CGL / PHILIPS / SURYA / VALMONT
MS / GI LIGHTING POLES & BRACKETS (TUBULAR SWAGED / OCTAGONAL)	AMBICA POLES PVT LTD / BAJAJ / BOMBAY TUBES AND POLES / FABIRON / KISMAT ENGITECH LLP / GAYATRI ELECTRICALS / INDIA ELECTRIC POLES / RIDDHI POLES / SHAKTI POLES / SURYA / SHREE KRISHNA ENGG. / UTKARSH INDIA
LIGHT FIXTURES	BAJAJ / C&S / CGL / GE / HAVELLS / LK-E&A (FORMLY L&T E&A) / PHILIPS / SURYA / SCHREDER / TISVA (USHA INTERNATIONAL LIMITED) / WIPRO
DECORATIVE / MODULAR SWITCH & SOCKET	ABB / ANCHOR / CLIPSAL / CRABTREE / HAVELLS / INDO ASIAN / LK-E&A (FORMLY L&T E&A) / LEGRAND / MK-HONEYWELL / MDS / SIEMENS / SCHNEIDER / TOYAMA
MODULE TYPE PLUG SOCKET	ANCHOR / HAVELLS / CLIPSAL / TOYAMA / MDS
CEILING / WALL MOUNTING / EXHAUST FANS	ATOMBERG / ALMONARD / BAJAJ / CGL / HAVELLS / KHAITAN / ORIENT / USHA
CHEMICAL TYPE EARTHING INCLUDING COPPER BONDED ELECTRODE & BACK FILL COMPOUND	ASHLOK / CURSP / ECO TECHNOLOGY & PROJECTS/ ENNOV INFRA / ERICO / ISG GLOBAL / JEF / PRAGATI ELECTROCOM / SAARA EARTHING/ EQUIVALENT REPUTED MAKE SUBJECT TO CLIENT APPROVAL
AIR BREAK SWITCH	ATLAS/ PACTIL/ NATIONAL/ POWER SYSTEM GUJARAT/ DANKE
D.O. FUSE ASSEMBLY WITH FUSE	ATLAS/ PACTIL/ NATIONAL/ POWER SYSTEM GUJARAT/ DANKE
PIN/ POST INSULATOR	ATLAS/ PACTIL/ NATIONAL/ POWER SYSTEM GUJARAT DANKE/ JAYSHREE
FUSES	LK E&A (Formally L&T)/ SIEMENS/ SCHNEIDER/ ABB / BUSSMAN
EPOXY CAST RESIN C.T	L & T/ PACTIL/ ASHMOR/ KAPPA/ C & S/ SILKANA/ GILBERT/ PRECISE
ELECTRONIC MOTOR PROTECTION DEVICE	SCHNEDIER/ L & T/ SIEMENS/ C & S/ ABB/ SOFTHARD
ANALOG METERS	MECO/ RISHLINE/ IMP/ AE/ RISHABH (L& T)
TOOLS & TACKELS	TAPARIA
TEST EQUIPMENT	KUSUM/ RISHABH/ WACO/ FLUKE/ MOTWANE
PANEL BOARD MANUFACTURER	CPRI APPROVED (TO BE GOT APPROVED PRIOR TO SUPPLY)
CRIMPING TOOLS	JAISON/ ISMAL

H.T CONNECTORS	NUTAN/ POWER SYSTEM GUJARAT
DWC PIPE	REX / GEMINI / DURALIEN.
LED	CREE / OSRAM / PHILIPS LUMILEDS / NICHIA / SEOUL/BRIDGELUX(U.S.A.)
LUMINARIES	PHILIPS / BAJAJ / HAVELLS/ CROMPTON / GE/ SURYA
SONT LAMP	PHILIPS / BAJAJ / CROMPTON / GE /SURYA
FLUORESCENT LIGHT FIXTURE ETC	PHILIPS / BAJAJ / CROMPTON / GE /SURYA
ELECTRONICS BALLAST	PHILIPS / BAJAJ / CROMPTON / GE / OPAL/INNOVA
ACCESSORIES OF WIRING	GEWISS / LEGRAND / MG / LK / PRECISION / ABB / ANCHOR / JAINEX / CLIPSEL / OR EQUIVALENT

Notes: The contractor shall distinctly understand that it will not be their prerogative to insist on a particular brand from the list, and final selection will be done with the approval of Engineer-in-charge.

VENDORS FOR INSTRUMENTATION SYSTEM

PROCESS ANALYZERS (PH, DO, FREE/RESIDUAL CHLORINE, NITRATE, PHOSPHATE, ORP, CONDUCTIVITY, TSS, MLSS, BOD/COD, ETC.)	E+H, EMERSON, HACH, YOKOGAWA, XYLEM / WTW, KROHNE, FORBES MARSHALL, S:CAN, TETHYS
AUTO SAMPLER	HACH, WTW/XYLEM, E+H
ULTRASONIC TYPE LEVEL / DIFF. LEVEL / OPEN CHANNEL FLOW TRANSMITTER, RADAR TYPE LEVEL TX.	ENDRESS+HAUSER, SIEMENS, KROHNE, VEGA, EMERSON, ABB
HYDROSTATIC LEVEL TRANSMITTER	ABB, E+H, EMERSON, KROHNE-MARSHALL, SIEMENS
DISPLACER / FLOAT SWITCH	ATMI, BAUMER, E+H, NIVELCO, P+F, PUNE TECHTROL, SBEM, LEVCON, NIVO/TOSHBRO
PP FLOAT / BUOYANCY SWITCH	PEPPRL+FUCHS/ BAUMER/ E+H/ PUNE TECHTROL/ SBEM
FLOAT & BOARD TYPE LEVEL GAUGE / INDICATOR	LEVCON, NIVO /TOSHBRO, PUNE TECHTROL, SBEM, JAYATI INSTRUMENTATION, GENERAL INSTRUMENT CONSORTIUM, REVATHI,
ELECTROMAGNETIC FLOW METER	E+H, SIEMENS, ABB, YOKOGAWA, KROHNE MARSHALL, YOKOGAWA (ADEPT FLUIDYNE)
PRESSURE & DIFF. PRESSURE TRANSMITTER (P, DP, F, L, T)	EMERSON, ABB, YOKOGAWA, HONEYWELL, E+H, SIEMENS, FUJI
PRESSURE / COMPOUND PRESSURE GAUGES	WIKA, GENERAL INSTRU. CONSORTIUM, PRICOL, MANOMETER (I) P. LTD., BAUMER, EXCEL INSTRUMENT, FORBES MARSHALL, H. GURU, PRECISION MASS
PANEL MOUNTED PROCESS INDICATOR & FLOW INTEGRATOR	ABB, YOKOGAWA, NISHKO, NIVAM, MASIBUS, MUTISPAN
PRESSURE/DIFF. PRESSURE SWITCH, DP GAUGE	DANFOSS, INDFOSS, SWITZER, ORION, VERMA TRAFAG
PROGRAMMABLE LOGIC CONTROLLERS (PLC) / HMI/ SCADA SOFTWARE	ROCKWELL (ALLEN BRADLEY), SIEMENS, SCHNEIDER, ABB, HONEYWELL / MITSUBISHI
CONTROL PANEL ENCLOSURE	RITTAL, ENKLOTEK, BARTAKKE, BCH, ELDON (NVENT HOFFMAN), PYROTECH
ALARM ANNUNCIATOR	APLAB LTD., MINILEC, IIC
SOLENOID VALVES	ASCO, ROTEX, SCHRADER, JANATICS, UFLOW, AVCON, ALCON ALEXANDER, INDFOSS, PRECISION INSTRUMENTS
INSTRUMENT VALVES AND MANIFOLDS, TUBE FITTINGS, PNEUM. BRASS FITTINGS	EXCEL HYDROPNEUMATIC, INDUSTRIAL ENTERPRISE, FESTO, MULTIMETAL INDUSTRIES, PLACKA, SMC, TECHNOMATIC, WESMEC, FLUID CONTROLS, APTEK , ANMOL (SUPERLOK), GENERAL, SMART, INSTRUMENT CONSORTIUM

INSTRUMENT CABLES (POWER, SIGNAL, CONTROL)	ASSOCIATED CABLES, ASSOCIATED FLEXIBLE AND WIRES P.LTD., BROOKS CABLES, THERMO CABLES, UDEY PYRO, RPG CABLES. POLYCAB, RR KABEL, HAVELLS, ROLLIFLEX
FIBER OPTIC CABLE	TYCO-AMP , PANDUIT, SYSTIMAX, D-LINK, R & M
COMMUNICATION CABLES	D-LINK, DELTON, FINOLEX, LAPP CABLE, MOLEX, UDEY PYRO
CABLE GLANDS	EX-PROTECTA, BRACO, SUDHIR, COMET, CONNECTWELL, HMI, 3D
JUNCTION BOX (METALLIC / CAST ALU.)	EX-PROTECTA, CEAG, SUDHIR, BALIGA, FCG, VSM PLAST, PHOENIX MECANO, HENSEL
JUNCTION BOX / ENCLOSURES (POLYCARBONATE / ABS OR SUCH POLYMER)	EPP COMPOSITES, EATON, VSM PLAST, PHOENIX MECANO, HENSEL, LEGRAND, SINTEX
CABLE TRAY (GI / FRP), ANY OTHER FRP ITEM	M.M. ENGINEERING, GLOBE, JACINTH, SILVERLINE POWER, SHREE KRISHNA ELECTRICALS, SUMIP, FIBER TECH COMPOSITE/ SATYAM COMPOSITES, DUDHAT INFRA, INDIANA, LEGRAND, SHARDA, VATCO, SUPER ELECTRO, KISMAT ENGITECH LLP
COMPUTER SYSTEM INCLUDING MONITOR / LAPTOP COMPUTER	HP-COMPAQ, DELL, ACER. IBM – LENOVO, ASUS
PRINTER	HP, CANON, SAMSUNG, EPSON, RICOH
UPS	EMERSON (VERTIV/LIEBERT), SCHNEIDER (APC), MERLIN GERIN, SOCOMEC, HIREL-HITCHI, EATON, NUMERIC, ABB
4G / 5G GPRS MODEM	MASTERO (LANTRONIX), D-LINK, AXITECH, NET-GEAR, MOXA, ROBUSTEL, TELTONIKA
ETHERNET SWITCH	D-LINK, ROCKWELL, SIEMENS, SCHNEIDER, CISCO, PHOENIX CONTACT
CCTV	SONY, PANASONIC, SAMSUNG, CANON, PELCO, DVTel, AXIS, INDIGOVISION, SMART GUARD, SIEMENS, GE, HONEYWELL
LED / LCD TV	SAMSUNG, SONY, PANASONIC, LG
MEDIA CONVERTER	DIGISOL, TP-LINK, MICROTEK, D-LINK, MOXA
ANTIVIRUS SOFTWARE	QUICK HEAL, MCAFEE, NORTON
AIR CONDITIONER	GENERAL, HITACHI, PANASONIC, VOLTAS, MITSUBISHI, BLUE STAR, CARRIER, LG, SAMSUNG, DAIKIN
CONTROL PANEL ACCESSORIES / COMPONENTS:	
MINIATURE RELAY	OMRON, PHOENIX, ROCKWELL, SCHNEIDER, ABB
INDICATION PILOT LAMPS (LED TYPE)	TEKNIC, SCHNEIDER, SIEMENS, SALZER, VAISHNO
PUSH BUTTON/ SELECTOR SWITCH (WITH NO/NC ELEMENT)	TEKNIC, SCHNEIDER, SIEMENS, SALZER, VAISHNO, L&T, RASS, KAYCEE, BINAY
DC POWER SUPPLIES (DIN RAIL MOUNTED)	PHOENIX, OMRON, APLAB, SCHNEIDER, ROCKWELL (ALLEN BRADLEY), SIEMENS, INTEX, MICROTEX, IFM, MEANWELL
TERMINALS	ELMEX, PHOENIX, WAGO, CONNECTWELL

PANEL WIRES	FINOLEX, HAVELL'S, R R KABEL, L&T, LAPP, POLYCAB
PANEL ILLUMINATION	PHILIPS, CROMPTON, GE, SURYA, BAJAJ, HAVELLS
AUXILIARY CONTROL RELAYS	OEN/ PLA/ OMRON/ PHOENIX/ ABB
COMMUNICATION CABLES	LAPP/D-LINK/ DELTON/ FINOLEX/ MOLEX/ UDAY PYRO
DC POWER SOURCE	PHONIX/ INTEX/ MICROTUX/ SCHNEIDER/ SIEMENS/ ALLEN BRADLEY/ OMRON/ APLAB/ IFM
RESISTANCE DIFFERENTIAL PRESSURE DETECTOR	ABB/ ALTOP/ DETRIV/ GENERAL INSTRUMENTS CONSORTIUM (GIC)/ WIKA
PRESSURE SWITCH	INDFOSS/TELEMECHANIC/WAREE/SW ITZER/ABB/ SIEMENS/ DENFOSS/ HWM WATER
DIFFERENTIAL PRESSURE / PRESSURE/TEMPERATURE TRANSMITTER	ABB / SIEMENS / YOKOGAWA / EMERSON / FUJI / DENFOSS/HWM WATER
TEMPERATURE SCANNER	MASIBUS / LECTROTEK / INTAKE / ABB / FUJI
OPERATOR SCREEN	ABB / SIEMENS / SCHNEIDER MODICON / ALLEN BRADLEY / PRO-FACE
ULTRASONIC LEVEL TRANSMITTER / OPEN CHANNEL FLOW METER	SIEMENS / ENDRESS+HAUSER/ VEGA/KATRONIC / KDV FLOW
LABORATORY INSTRUMENTS	
POCKET COLORIMETER, PORTABLE OR DESKTOP PH / TURBIDITY / DO / TDS /CONDUCTIVITY METERS, DATA LOGGING PREPROGRAMMED SPECTRO PHOTOMETER, ANALYTICAL BALANCE	HACH / ORION / YSI / RADIOMETER / DENVER / THERMO.SCIENTIFIC / WTW
TOC ANALYSER/ONLINE ANALYSERS	HACH / DKK-TOA / SHIDMATZU / WTW / MULTISENSOR SYSTEMS UK/S::CAN GmbH, Austria
JAR TEST, AUTOCLAVE, LABORATORY OVEN, BACTERIOLOGICAL INCUBATOR, WATER STILL	HACH / ORBIT / LAB HOSP
RECORDER	ABB / HONEYWELL / YOGOWAKA

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