

LIST OF PREFERRED MAKES

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
1	POSITIVE DISPLACEMENT FLOW METER	IDEX (LIQUID CONTROLS GROUP)
		FMC TECHNOLOGIES (SMITH)
		BRODIE INTERNATIONAL
		BOPP & REUTHER
		ISOIL
		VERMONT
2	PULSE TRANSMITTER FOR PD METERS	IDEX (LIQUID CONTROLS GROUP)
		FMC TECHNOLOGIES (SMITH)
		BRODIE INTERNATIONAL
		BOPP & REUTHER
		ISOIL
		VERMONT
3	MASS FLOW METER	EMERSON PROCESS CONTROL - MICROMOTION
		ENDRESS+ HAUSER.
		YOKOGAWA
		KROHNE
		HEINRICH MESSTECHNIK, GmbH
4	STRAINER / STRAINER CUM AIR ELIMINATOR	IDEX (LIQUID CONTROLS GROUP)
		FMC TECHNOLOGIES (SMITH)
		VERMONT
		FLASH POINT
		CRYOGENIC OGS LTD
		ISOIL
5	BULK AIR ELIMINATOR	IDEX (LIQUID CONTROLS GROUP)
		FMC TECHNOLOGIES (SMITH)
		VERMONT
		FLASH POINT
		CRYOGENIC OGS LTD
		ISOIL
6	DIAPHRAGM TYPE DIGITAL CONTROL VALVE	FMC TECHNOLOGIES (SMITH)
		ISOIL
		IDEX (LIQUID CONTROLS GROUP)
7	PISTON TYPE DIGITAL CONTROL VALVE	EMERSON (DANIEL)
		BRODIE INTERNATIONAL
		IDEX (LIQUID CONTROLS GROUP)

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		POLIMAT
8	SOLENOID VALVE	ASCO (USA)
		NORGREN (GERMANY)/HERION
		JAKSA
		ROTEX
9	NEEDLE VALVE LOCK DEVICE (MAGNETIC LOCKING WITH KEY)	TOTAL LOCKOUT (SAFETY) LTD
		ADVANCED SYSTEK PVT LTD
10	LOADING ARM FOR TOP LOADING	OPW
		WOODFIELD
		VERMONT
11	BOTTOM LOADING, VAPOUR RECOVERY ARM, API AND DRY BREAK COUPLER	OPW
		WOODFIELD
12	RACK MONITOR	OPW/DOVER/CIVACON
		SCULLY
13	TT MOUNTED OVERFILL SENSOR/ PROBE	OPW/DOVER/CIVACON
		SCULLY
14	BOTTOM LOADING ARM POSITION SWITCH: PROXIMITY SWITCH/ LIMIT SWITCH	EATON (MTL INSTRUMENTS)
		PEPPERL + FUCHS
		TURCK
		HONEYWELL
		EMERSON (DANIEL)
		TELEMECHANIQUE
15	BATCH CONTROLLER	EMERSON (DANIEL)
		TOPTECH (LIQUID CONTROLS GROUP)
		GUIDANT (HONEYWELL/FMC)
		ADVANCED SYSTEK LTD
		ISOIL
		MESS+FORDER TECHNIK GWINNER GmbH
16	CARD READER (PROXIMITY TYPE) & PROXIMITY CARDS	ADVANCED SYSTEK LTD
		FMC TECHNOLOGIES
		ROSSLARE
		MESS+FORDER TECHNIK GWINNER GmbH
		HID
17	TT PARKING ELECTRONIC DISPLAY BOARD	TEAM POWER
		MAGNETO DYNAMIC (P) LTD.
18	REMOTE INTERACTION TERMINAL & DRIVER ACK PUSH BUTTON STATION	BALIGA
		FLAMEPROOF EQUIPMENTS PVT. LTD.

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		FCG FLAMEPROOF CONTROL GEAR
		CEAG
		FLEXPRO
		IPE FLAMEPROOF
		SHREYA EX-TECH, VADODARA
		EX-PROTECTA
19	EARTHING RELAY (GROUNDING UNIT) - RESITANCE CAPACITVE TYPE	SCULLY
		BALIGA
		OSNA
		ADVANCED SYSTEK PVT LTD
		NEWSON-GALE
20	ADDITIVE BLOCK WITH CALIBRATION CYLINDER	TOSHNIWAL
		TITAN
		FMC TECHNOLOGIES (SMITH)
		CHEMTEC
		ISOIL
		HONEYWELL
		CRYOGENIC OGS LTD
		MESS+FORDEER TECHNIK GWINNER GmbH
		BANKSIA
21	ADDITIVE& BLUE DYE TANK	CRYOGENIC OGS LTD
		DENCIL
		TOSHNIWAL
		SPX PROCESS EQUIPMENTS
		ADVANCED SYSTEK PVT LTD
22	ADDITIVE & BLUE DYE PUMP	MILTON ROY
		SPX PUMP
		SCHERZINGER
		ACCUFLOW SYSTEM
		BLACKMER
23	ADDITIVE & BLUE DYE FLP MOTOR AND AGITATOR	BHARAT BIJALEE
		CROMPTON GREAVES
		PEW (PRECISION ENGINEERING WORKS)
		KIRLOSKAR
24	PROVER TANK (MOBILE PROVER SYSTEM)	FMC TECHNOLOGIES
		IDEX (LIQUID CONTROLS GROUP)
		FLASH POINT

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		CRYOGENIC OGS LTD
		TOSHNIWAL
		STEELFAB ENGINEERING PVT. LTD
25	PROVER PUMP	KIRLOSKAR
		KSB
		SULZER
		FLOWSERVE
26	PROVER FLP MOTOR	BHARAT BIJALEE
		CROMPTON GREAVES
		PEW (PRECISION ENGINEERING WORKS)
		KIRLOSKAR
27	PROVER FLP STARTER	BALIGA
		FLAMEPROOF EQUIPMENTS PVT. LTD.
		FCG FLAMEPROOF CONTROL GEAR
		CEAG
		FLEXPRO
		IPE FLAMEPROOF
		SHREYA EX-TECH, VADODARA
		EX-PROTECTA
28	FLP POWER SOCKET WITH FLP 3 PIN TOP	BALIGA
		FLAMEPROOF EQUIPMENTS PVT. LTD.
		FCG FLAMEPROOF CONTROL GEAR
		CEAG
		FLEXPRO
		IPE FLAMEPROOF
		SHREYA EX-TECH, VADODARA
		EX-PROTECTA
29	LOADING/UNLOADING/MASTER METER SKID	BARODA EQUIPMENTS PVT LTD
		ADVANCED SYS-TEK LTD
		CRYOGENIC OGS LTD
		NIRMAL INDUSTRIAL CONTROLS PVT LTD
		ROCKWIN FLOW METER PVT LTD
		WOODFIELD
30	FLP JUNCTION BOXES, ENCLOUSERS, CABLE GLANDS, PLUGS, PUSHBUTTON STATIONS	BALIGA
		FLAMEPROOF EQUIPMENTS PVT. LTD.
		FCG FLAMEPROOF CONTROL GEAR
		CEAG

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		FLEXPRO
		IPE FLAMEPROOF
		SHREYA EX-TECH, VADODARA
		EX-PROTECTA
31	VALVES (GATE/ GLOBE/ CHECK/ PLUG/BUTTERFLY)	LARSEN & TOUBRO
		FISCHER XOMOX
		FLOW CHEM INDUSTRIES
		LEADER
		KSB
		AUDCO
		BDK
		STEEL STRONG
		NITON
		AQUA
		NUTECH CONTROLS
32	VALVES (BALL/BUTTERFLY)	LARSEN & TOUBRO
		FISCHER XOMOX
		FLOW CHEM INDUSTRIES
		MAGWEN
		EMERSON (VIRGO)
		MICRO FINISH
		AQUA
		LEADER
		FLOWSERVE
		DEMBLA
		KSB
		MEVADA
		NUTECH CONTROLS
33	NON RETURN VALVE	SWAGELOCK
		PARKER HANNIFIN
		LARSEN & TOUBRO
		FISCHER XOMOX
		FLOW CHEM INDUSTRIES
		LEADER
		NUTECH CONTROLS
34	PRESSURE & THERMAL RELIEF VALVE	SEBIM
		KEYSTONE

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		TYCO SANMAR
		PNEUCON VALVES
		DARLING MEUSCO
		MEKASTER
		PARKER HANNIFIN
		NIRMAL INDUSTRIES
		FAINGER ENGINEERING
		KINGSLEY
		PLANET VALVES
		LASER
35	BACK PRESSURE VALVE	MEKASTER
		PNEUCON VALVES
		KEYSTONE
		DARLING MEUSCO
		PARKER HANNIFIN
		EQUILIBAR LLC
		TYCO SANMAR
		NIRMAL INDUSTRIES
36	PIPE	JINDAL PIPES
		INDIA SEAMLESS
		MAHARASHTRA SEAMLESS
		TATA STEEL.
37	TURBINE METER	EMERSON (DANIEL)
		IDEX (LIQUID CONTROLS GROUP)
		FMC TECHNOLOGIES (SMITH)
		ROCKWIN FLOWMETERS
38	FLOW STRAIGHTNER	ROCKWIN
		EMERSON (DANIEL)
		IDEX (LIQUID CONTROLS GROUP)
		FMC TECHNOLOGIES (SMITH)
39	DENSITY METER WITH TRANSMITTER, DENSITY PROBE	EMERSON (SOLATRON)
		SARASOTA (PEEK)
		BOPP & REUTHER
		ANTON PAAR
		ENDRESS+ HAUSER
		EMERSON (MICROMOTION)
		FMC TECHNOLOGIES (SMITH)

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		HEINRICH MESSTECHNIK, GmbH
		LEMIS BALTIC
		CRYOGENIC OGS LTD
		YOKOGAWA
40	PRESSURE/ TEMPERATURE TRANSMITTER/DIFFERENTIAL PRESSURE TRANSMITTER	INVENSYS (FOXBORO)
		EMERSON (ROSEMOUNT)
		ABB
		YOKOGAWA
		HONEYWELL
		FUJI
		ENDRESS+ HAUSER
		MOORE
41	RTD WITH THERMOWELL	NAGMAN
		GENERAL INSTRUMENTS
		ALTOP
		DETRIV INSTRUMENTATION
		THERMOCOUPLE PRODUCT
		ENDRESS & HAUSER
		PYRO ELECTRIC
42	DIFFERENTIAL PRESSURE GAUGE/ PRESSURE GAUGE	A.N. INSTRUMENTS
		GENERAL INSTRUMENTS
		HIRLEKAR PRECISION
		H - GURU
		WIKA
		PRECISION (ASHCROFT)
		MANOMETER (INDIA)
		FORBES MARSHAL
		BAUMER
43	PRESSURE SWITCH - FLP / WP	INFOS
		SWITZER INSTRUMENTS LIMITED
		WIKA
		BOURDAN
44	RADAR WITH ACCESSORIES FOR CUSTODY TRANSFER USE & TFMS SOFTWARE	EMERSON (ROSEMOUNT)
		HONEYWELL (ENRAF)
		ENDRESS+ HAUSER
45	AOP DEVICE - LEVEL SWITCH	EMERSON
		ENDRESS+ HAUSER

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		VEGA
46	SIL VERIFICATION / VALIDATION / CERTIFICATION AGENCIES	TÜV
		RISKNOLOGY
		HIMA
47	MULTIPOINT TEMP SENSOR, WATER INTERFACE PROBE	EMERSON
		HONEYWELL (ENRAF)
		ENDRESS+ HAUSER
48	ULTRASONIC LEVEL TRANSMITTER/GUIDE WAVE LEVEL TRANSMITTER	EMERSON
		ENDRESS+ HAUSER
		KROHNE MARSHALL
		MAGNETROL
		VEGA
49	GUIDED WAVE RADAR	EMERSON
		HONEYWELL (ENRAF)
		ENDRESS+ HAUSER
		VEGA
50	CONTROL PANELS & CONSOLES/NETWORK RACK	RITTAL
		ENCLOTEK
		LOTUS
		PYROTECH
		HOFFMAN
		SCHNEIDER ELECTRIC
		EVANS
51	PROCESS PLC	SIEMENS
		EMERSON
		SCHNEIDER ELECTRIC
		HONEYWELL
		MITSUBISHI
		ROCKWELL
		INVENSYS
		ABB
		YOKOGAWA
		GE
		RTP
52	DISTRIBUTED CONTROL SYSTEM (DCS)	HONEYWELL
		INVENSYS
		ABB

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		YOKOGAWA
		EMERSON
		SIEMENS
		RTP
		SCHNEIDER ELECTRIC
		ROCKWELL
		GE
53	SAFETY PLC	ROCKWELL
		HONEYWELL
		YOKOGAWA
		HIMA
		INVENSYS - TRICONEX
		EMERSON (DELTA V SIS)
		SIEMENS
		SCHNEIDER ELECTRIC
		GE
		ABB
		RTP
54	HYDROCARBON IR DETECTOR, TRANSMITTER AND SYSTEM	GENERAL MONITOR/MSA
		DRAGER
		HONEYWELL
		DETERONICS
		EMERSON (NET SAFETY)
55	Exd / FLP MOV ACTUATOR & MASTER CONTROL STATION	ROTORK
		LIMITORQUE
		AUMA
		EIM CONTROLS
		BIFFI - ITALY
56	COMPUTER WORKSTATION WITH MONITOR	HP
		IBM
		DELL
		LENOVO
57	SERVER WITH MONITOR(For TAS-MS, TFMS, CCTV and ACS)	HP
		IBM
		DELL
		STRATUS/NEC
59		WIPRO

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
	DOT MATRIX PRINTER/ LINE MATRIX/RECEIPT PRINTER	EPSON
		TVSE
		PANASONIC
60	LAYER 2/LAYER 3 GIGABIT ETHERNET SWITCH	HP
		CISCO
		MOXA
		DELL
		NORTEL
		COMXUS
		ALLIED TELESYS
61	TERMINAL SERVERS	EMULEX
		STALLION
		FOXBORO
		HIRSCHMANN
		MOXA
		SYSTEK (AUS)
		MESS+FORDER TECHNIK GWINNER GmbH
62	LASER PRINTER/ IMPACT PRINTER	HP
		EPSON
		CANON
		SAMSUNG
63	CABLE- SIGNAL & CONTROL	ASSOCIATED CABLE
		ASSOCIATED FLEXIBLES AND WIRE
		DELTON
		UNIVERSAL
		CORDS CABLES
		RELIANCE ENGG
		NICCO
		BROOKS
		THERMOCABLES
		KEI
		BELDEN
		RADIANT
		LAPP
		UDEY PYRO CABLES
		T C COMMUNICATIONS PVT LTD (TECHNOCAB CABLES)

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
64	CABLE- POWER & EARTH	CCI
		FORT GLOSTER
		DELTON
		CORDS CABLES
		THERMOCABLES
		ASSOCIATED CABLE
		ASSOCIATED FLEXIBLES AND WIRE
		UNIVERSAL
		NICCO
		KEI
		BELDEN
		RADIANT
		LAPP
		UDEY PYRO CABLES
		T C COMMUNICATIONS PVT LTD (TECHNOCAB CABLES)
		POLYCAB
65	CABLE TRAY & TRAY COVERS	GRAM ENGG.
		HOPES METAL
		INDIANA
		GLOBE ELECTRICALS
		MM ENGG.
		CALCUTTA MANUFACTURERS (KOLKATA)
		ELCON CABLE TRAYS PVT. LTD.
		RUKMANI ELECTRICALS
66	MULTI CABLE TRANSIT INLET SYSTEM	NEW MERCHANTILE IMPLEX
		LYCAB
		HAWKE
		BRATTBERG
		ROXTEC
		DELSEAL-KUKDONG
67	POWER ISOLATOR SWITCH, FUSE UNIT	SIEMENS
		LARSEN & TOUBRO
		GE
		KAYCEE
		SCHNEIDER ELECTRIC
68	SIGNAL ISOLATOR/ BARRIERS	EATON (MTL INSTRUMENTS)

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		R STHAL
		PEPPERL + FUCHS
		GMI
		PHOENIX CONTACT
69	RELAYS	OMRON
		OEN
		ALLEN BRADLEY
		PARAMOUNT
		IZUME DENKI
		PHOENIX CONTACT
		SIEMENS
		LARSEN & TOUBRO
		GE
		GMI
		PEPPERL + FUCHS
70	MCB, ELCB & MCCB	MDS
		INDOKUPP
		SIEMENS
		GE
		SCHNEIDER ELECTRIC
		ABB
		L&T
71	AMMETER & VOLMETER	AE
		IMP
		MECO
		RISHABH
72	TERMINAL BLOCKS	ELMEX
		CONNECTWELL
		C & S
		PHOENIX
		WAGO
		WEIDMULLAR
73	PROTECTIVE RELAYS	ALSTOM INDIA LTD (EE)
		ABB
74	LAMP CLUSTER /(PUSH BUTTON)	SIEMENS
		LARSEN & TOUBRO
		BCH

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
75	CONTROL & SELECTOR SWITCHES	SIEMENS
		LARSEN & TOUBRO
		GE
		KAYCEE
		SCHNEIDER ELECTRIC
76	AC POWER CONTACTOR	SIEMENS
		LARSEN & TOUBRO
		GE
		KAYCEE
		SCHNEIDER ELECTRIC
		CONTROLS & SWITCHGEAR.
77	THERMAL OVERLOAD RELAYS	SIEMENS
		LARSEN & TOUBRO
		GE
		ABB
		SCHNEIDER ELECTRIC
		CONTROLS & SWITCHGEAR.
78	AUXILIARY CONTACTORS, ELECTRICAL RELAYS	SIEMENS
		LARSEN & TOUBRO
		GE
		BCH
		ALSTOM INDIA LTD (EE)
79	UPS	VERTIV
		HITACHI HI-REL
		SCHNEIDER ELECTRIC
80	BATTERY - VRLA / Ni-Cd SMF	AMARARAJA
		GLOBAL YUASA
		ROCKET
		HBL
		EXIDE
		PANASONIC
81	SS TUBE, COMPRESSION FITTING, NEEDLE VALVE	HOKE
		PARKER HANNIFIN
		SWAGELOCK
82	ROTAMETER	EUREKA
		PLACKA
		FITZER

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		IEPL
		YOKOGAWA
83	ORIFICE PLATE & ACCESSORIES	BALIGA
		I.L. PALGHAT
		MICRO PRECISION
		GENERAL INSTRUMENTS
		GURU NANAK
		ENG SPECIALIST.
84	LIMIT SWITCH	HONEYWELL
		DANFOSS
		DAG
		BCH
		TELEMECHANIQUE
		LARSEN & TOUBRO
		SIEMENS
85	FIBRE OPTIC CABLE	LUCENT - AT & T
		FINOLEX
		D-LINK
		HCLCOMNET (COMMSCOPE)
		SIEMENS
		OPTEL
		ABB
		R & M
		PANDUIT
		SEIMON
		TORRENT
		CORNING
		TYCO
86	CAT 6 CABLE	AMP
		R & M
		TYCO
		MOLEX
		DIGILINK
		STSTIMAX
87	RFID TAGS & RFID READER	NEDAP
		TAGMASTER

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
88	AIR COMPRESSOR + DRYER UNIT	ATLAS CAPCO
		CHICAGO PNEUMATICA
		KAISER
		INGERSOLL RAND
89	CAMERA SURVEILLANCE SYSTEM	
A	WEATHERPROOF AND FLAMEPROOF CAMERAS, ENCODER	PELCO
		HONEYWELL
		BOSCH
		INFINOVA
		SONY
		AXIS
		SPARSH
B	VMS, ANALYTICS SOFTWARE	PELCO
		HONEYWELL
		BOSCH
		INFINOVA
		SONY
		AXIS
		MILESTONE
		GENTEC
		NICE
		I2V
C	NAS/SAN	NetApp
		EMC
		HP
		FUJITSU
		DELL
D	LED LAMPS	NICHIA
		CREE
		PHILIPHS LUMILED
		OSRAM
E	LED LIGHT FIXTURES	BAJAJ
		HAVELLS
		PHILIPS
		CROMPTON GREAVES
F	LED TV/MONITORS	SONY
		SAMSUNG

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		TOSHIBA
		LG
		HITACHI
G	INDUSTRIAL GRADE LAYER 3 GIGABIT ETHERNET SWITCH	HP
		CISCO
		MOXA
		DELL
		NORTEL
		COMXUS
		ALLIED TELESYS
H	LAYER 2 ETHERNET SWITCH	RUGGEDCOM
		SIXNET
		HONEYWELL
		ROCKWELL AUTOMATION
		SIEMENS
		MOXA
		ALLIED TELESYS
		CISCO
		COMXUS
		LANTECH
I	FIBRE OPTIC NETWORK COMPONENTS/LIGHT INTERCONNECT UNIT (LIU)	SIEMON
		R & M
		PANDUIT
		LUCENT - AT & T
		MODTAP
		OPTEL
		ABB
		HUBER+SUHNER
		SIEMENS
		ALLIED TELESYS
		PHOENIX CONTACT
J	SURGE PROTECTION DEVICE	DEHN
		CITEL
		PHOENIX CONTACT
		EATON (MTL INSTRUMENTS)
K	DC POWER SUPPLY	VICOR
		LAMBDA

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		COSEL
		PHOENIX CONTACT
		SIEMENS
L	CCTV POLE	BAJAJ
		WIPRO
		UTKARSH
		PHILIPS
		CROMPTON GREAVES
90	ACCESS CONTROL SYSTEM	
A	ACCESS CONTROLLER	HID
		DDS
		HONEYWELL
		GALLAGHER
		TYCO/JCI
		VIRDI
		RBH
B	BIO METRIC READER	HONEYWELL
		VIRDI
		SIEMENS
		BOSCH
		GALLAGHER
		HID
		LENEL
		RBH
		TYCO
		INVIXIUM
		IDEMIA
C	SMART/Proximity CARD	HID
		NXP
		IDEMIA
D	ACCESS CONTROL SOFTWARE	HONEYWELL
		SCHNEIDER ELECTRIC
		SIEMENS
		BOSCH
		JOHNSON CONTROL
		SECURITY SHELLS
		AVLINQ (AVER SOLNS)

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		GALLAGHER
E	DOOR FRAME METALLIC DETECTOR, HAND HELD DETECTOR	RAPISCAN
		ELEKTRAL
		GODREJ
F	RETRACTABLE FLAP TYPE PEDESTRIAN BARRIER	MAGNETIC AUTO CONTROL
		AUTOMATIC SYSTEMS
		BOON EDAM
		CAME
		SAIMA
		DORSET KABA
G	VEHICLE BARRIER	GUNNEBO
		MAGNETIC AUTO CONTROL
		METACAM
		AUTOMATIC SYSTEMS
		CAME
		TENSA
		FAAC
		AUTODOOR
		SKIDATA
		ELKA
H	TURNSTILE GATE (TRIPOD TURNSTILE)	DORSET KABA
		GUNNEBO
		MAGNETIC AUTO CONTROL
		AUTOMATIC SYSTEMS
		SAIMA
		BOON EDAM
		CAME
I	SWING GATE	DORSET KABA
		GUNNEBO
		MAGNETIC AUTO CONTROL
		AUTOMATIC SYSTEMS
		BOON EDAM
		SAIMA
		CAME
91	FIRE ALARM SYSTEM	

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
A	DETECTORS (PHOTO ELECTRIC TYPE SMOKE, HEAT, COMBINED/ MULTISENSOR) & RESPONSE INDICATOR	APOLLO
		EDWARDS
		HONEYWELL(NOTIFIER)
		SYSTEM SENSOR.
		SIEMENS
		NOTOFIRE
		BOSCH
B	FIRE ALARM CONTROL PANELS / REPEATER PANEL	EDWARDS
		HONEYWELL(NOTIFIER)
		CEREBRUS (SIEMENS)
		NOTOFIRE
		BOSCH
C	INDOOR TYPE MANUAL CALL POINTS	CEREBRUS (SIEMENS)
		EDWARDS
		HONEYWELL(NOTIFIER)
		METASYS
		NOTOFIRE
		PYROTRONICS
		APOLLO
		BOSCH
D	FAULT ISOLATION, CONTROL MODULE & MONITOR MODULE	APOLLO
		EDWARDS
		HONEYWELL(NOTIFIER)
		NOTOFIRE
		SYSTEM SENSOR.
		BOSCH
E	SIRENS	KHERAJ
F	FLP MANUAL CALL POINTS ENCLOSURE	BALIGA
		FLAMEPROOF EQUIPMENTS PVT. LTD.
		FCG FLAMEPROOF CONTROL GEAR
		CEAG
		FLEXPRO
		IPE FLAMEPROOF
		SHREYA EX-TECH, VADODARA
		EX-PROTECTA
92	LEVEL SWITCH (DISPLACER TYPE) / LEVEL GAUGE (MAGNETIC FLOAT TYPE -	NIVO CONTROL
		SB ELECTROMECHANICALS

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
	BI- COLOR FLAPPER) WITH LEVEL TRANSMITTER	LEVCON
		TOKIOKEISO
		EMERSON
		V AUTOMAT
		BLISS ANAND
		MAGNETROL
		FITZER
		PUNE TECHTROL PVT LTD
93	DATA ENTRY TERMINAL	MERCURY HMI (UK)
		R STHAL
		HONEYWELL
		EATON (MTL INSTRUMENTS)
		BARTEC
		MOTOROLA
94	RODENT REPELLENT SYSTEM	MASER
		R S CAT
95	VIDEO WALL	BARCO
		DELTA
		PLANAR
		PANASONIC
		DELL
96	MAGNETIC METER	EMERSON
		ENDRESS+ HAUSER
97	HOOTER CUM BEACON	E2S
		BALIGA
		EX-PROTECTA
		SHREYA EX-TECH, VADODARA
		EATON (MTL INSTRUMENTS)
98	PUBLIC ADDRESS SYSTEM	INDUSTRONICS ELEC IND
		NEUMAN ELEKTRONIK
		SVR CONSULTING
		ZENITAL
		ARMTEL
		HONEYWELL
		TADIRAN
99	IP-PABX	SIEMENS (UNIFY)
		ALCATEL

SR NO.	EQUIPMENT/INSTRUMENT	RECOMMENDED VENDOR/ OEM
		PHILIPS
		NEC
		CISCO
100	RACK TYPE LED/LCD MONITOR	ATEN
		BLACKBOX

Note:

- 1.0 All the Exproof /Intrinsic items located in hazardous area shall have CMRS/CPRI/ERTL, BIS and CCE no. and certification.
- 2.0 Vendors can offer an alternate make other than the ones listed above in line with the equivalent OEM criteria given in STCC with the prior approval of IOCL.
- 3.0 In case of imported items the Exproof /Intrinsic certification from following agency shall be provided. i.e. ATEXFM / BASEEFA / PTB/ KEMA/ TUV etc. CCOE certificate is mandatory for both Indian and imported item. Also CE mark shall be available and complying all EMC directives for imported item.