

LIST OF APPROVED MAKES/AGENCIES

FOR WORKS COVERED UNDER THIS CONTRACT WHEREVER NOT SPECIFIED IN BOQ

Specification / brands names of materials (refer materials, whichever are Applicable for the scope of work) and finishes approved by the Engineer-in-Charge are listed below. However, approved equivalent materials and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market and subject to approval of the alternate brand by the Engineer-in-Charge.

The contractor shall provide the samples/ mock up of materials as per the make or brand indicated below. When two or more alternative/brands have been mentioned, the brand selected by the Engineer-in-Charge shall be final and binding. During execution if any item/materials required, which is not mentioned in the below list/BOQ, prior approval of the same shall be sought well in advance from Engineer-in-Charge.

CIVIL WORK

SL. No.	ITEM	MAKE
	CONCRETE/STEELWORK	
1	GREY CEMENT (OPC/PPC)	ACC/UTLRATECH/AMBUJA
2	WHITE CEMENT	JK/ BIRLA
3	REINFORCEMENT STEEL (TMT)	SAIL/ TISCO/ RINL/JSW/J SPL
4	STUCTURE STEEL	TATA STEEL/SAIL/RINL/JINDAL
5	CONCRETE ADDITIVE	FOSROC/CICO-TL/ SIKA/ PIDILITE
6	NON METALLIC HARDENER COMPOUND	FOSROC/PIDILITE/ CICO
7	EXPANSION FASTENERS	HILTI/ FIHSER/ GW
8	STAINLESS STEEL RAILINGS	OZONE/FITWELL/JINDAL/KONCEPT

WOODWORK		
1	FLUSH DOORS/FACTORY LAMINTED FLUSH DOORS	GREENLAM/ DURO/ CENTURY/MERINO
2	PLYWOOD / BLOCK BOARD	DURO/ GREEN / CENTURY/ MERINO
3	PRELAMINATED PARTICLE BOARD	ACTION TESA/ GREEN LAM/ CENTURY/ MERINO
4	VENEER(RECON SERIES)	CENTURY/ DURO / GREEN LAM
5	LAMINATES	CENTURY /MERINO/ GREEN LAM
6	ADHESIVE FOR WOOD WORK	FEVICOL/ VAMICOL
7	DOOR FITTINGS/ DOOR CLOSER/ FLOOR SPRING	KITCH/DORMA/OZONE/DOORSET
8	RESTROOM MODULAR CUBICLES	ARCHIDPLY / GREEN LAM/ FLINE/MERINO
9	POLYETHELENE BOARD	SUPREME/ LYCAN/ PIONEER
10	WOODEN ACOUSTIC FIRE DOORS	SHAKTIHORMANN/NAVAIR/GMP

ALUMINUM / GLASSWORK/ FAÇADE WORK		
1	ALUMINUM EXTRUSIONS	JINDAL/ HINDALCO / INDAL
2	FLOAT GLASS/TOUGHENED GLASS / DGU/LACQUERED GLASS/ FIRE RATED GLASS	MODI GUARD/ PILKINGTON / ASAHI/SAINT GOBAIN
3	SILICON SEALANT	DOWN CORNING/ ALSTONE/ MOCCOY
4	PATCH FITTING	DORMA / GEZE / OZONE / KITCH/PAG
5	SCOTCH TAPE ON GLASS	3M/ SCOTCH MAGIC INDIA/ BRITE
6	GLASS FIRE DOOR/STEEL FIRE DOOR	SHAKTI HORMANN/NAVAIR/GODREJ/SUKRI
7	SPECIAL SLEEK ALUMINIUM PROFILES FOR INTERNAL PARTITIONS & DOORS	OTTIC/JEB/ALLOY
8	THERMAL BREAK POLYIMIDE INSERTS FOR ALUMINIUM SLECTIONS	TECHNOFOAM BAUTEC/ALFA SOLERA/STAC
9	ALUMINIUM EXPANDED METAL MESH	FILS/ITALFIM/EXPAMET
10	ALUMINIUM COMPOSITE PANELS	ALUCOBOND/ ALPOLIC/REYNOBOND.
11	VENTILATED FAÇADE CLAY TILES	CLAYTON/HUNTER DOUGLAS/TEMPIO
12	APPROVED GLASS PROCESSORS FOR DGU, LAMINATED & TOUGHENED GLASS	THERMOSOL/GLASS AND MORE /KOCHAR/GOLD PLUS/ ST GOBAIN
13	APPROVED INSTALLERS FOR FAÇADE WORKS	GLASS WALL/ AGV ALFAB/HEIGHT CONSULTANTS/ALUMICONS/ALKARMA

FLOORING/DADO		
1	CERAMIC TILES	KAJARIA/ ORIENT/ NITCO/JOHNSON/RAK
2	ITALIAN MARBLE/QUARTZ STONE	NITCO/KAJARIA/STONEX/SANSYS EXIM
3	LAMINATE FLOORING	ARMSTRONG/GREEN LAM/ACTION TESA/PERGO
4	HEAVY GRADE RAISED/ ACCESS FLOORING	UNIFLOOR/ ACCESS FLOOR/ UNITILE
5	VINYL FLOORING	GERFLOOR/LG FLOORS/EBACO
6	VITRIFIED TILES(MANUFACTURED WITH DOUBLE CHARGE TECHNOLOGY OR FULL BODY VITRIFIED ONLY)	RAK/NITCO/ ORIENT/KAJARIA/JOHNSON
7	GRC INTERLOCK TILES/GRC GRASS PAVER BLOCKS/ GRC KERB STONE/ GRC SCREENS/ GRC DESIGNER FLOOR /GRC WALL PANELS /TILES/COLUMNS/MOULDINGS/WA LL CLADDINGS	ADIYA BIRLA/VAR ENGINEERS/EVEREST/UNISTONE/MAHESH GRC/DALAL TILES
8	TERRAZZO TILES	NITCO/ DALAL TILES/ HINDUSTAN TILES
9	EPOXY TILE GROUT\	LATICRETE/ROFF RAINBOW (TILE MATE), MAPEI/ FERROUS CRETE (FERRO 102)
10	CEMENT CONCRETE TILES	HINDUSTAN TILES/ DALALTILES/ NITCO/ MODREN/ ULTRA

FINISHING		
1	PAINT WORK	NEROLAC/BERGER/ SHALIMAR/ASIAN PAINTS
2	TEXTURED COATING	UNISTONE/ SNOWCEM INDIA
3	POLISHING WORK	MRF/ICI/ASIAN
4	BLINDS	HUNTER DOUGLAS / LIVIN/DECK/VISTA
5	WALL PAPER	COMMANDER/ROMO/SYMPHONY/DELIGHT

ROOFING/FALSE CEILING		
1	SANDWICHED PPGI PUFF PANELS FOR ROOFING AND PARTITIONS	MITASO /JINDAL MEC TEC/EPACK
2	POLYCARBONATE SHEET	GE/ GALLINA/COXWELL/LEXAN
3	GI SECTIONS FOR FALSE CEILING	GYPSTEEL/HILUX/USG BORAL/INDIA GYPSUM
4	GRID FOR FALSE CEILING	ARMSTRONG/USG BORAL/DEXUNE
5	ACOUSTICAL MINERAL FIBRE/GLASS WOOL GRID TILE FALSE CEILING	ARMSTRONG/USG BORAL/DHANBAD CHEMICAL/DEXUNE
6	METAL FALSE CEILING	ARMSTRONG/DURLUM/AURA/NEW AGE/DEXUNE
7	CALCIUM SILICATE BOARD	HILUX/HYSIL/AEROLITE
8	MOISTURE RESISTANT GYPSUM BOARD	INDIA GYPSUM/ GYPROC /USG BORAL
9	WPC HYBRID BOARD	ARCHIDPLY/ECOSTE/DURAPLAST/ALSTONE
10	GLASS WOOL SOUNSCAPE SHAPES	ARMSTRONG/USG BORAL/DEXUNE
11	TENSILE MEMBRANE FABRIC	SERGE FERRARI (OR EQU.)/MEGHASIS/MCCOY
12	GLASSWOOL/ROCKWOOL	ROCKWOOL INDIA/GOENKA/LLOYD INSULATIONS/ DHANBAD CHEMICAL

WALL PANELLING /PARTITION WORK		
1	GI SECTIONS	GYPSTEEL/HILUX/USG BORAL/INDIA GYPSUM
2	FIBER REINFORCED AERATED CEMENT / CONCRETE CORE SANDWICH PANEL	ECO GREEN/ RS GREEN/FINECREATE/ESCOLI TE/EVEREST
3	WPC HYBRID BOARD	ECOSTE/DURAPLAST/ARCHIDPLY/ALSTONE
4	CHANELLED PERFORATED LAMINATED WOODEN PANELS/ FABRIC CLADDED GLASSWOOL PANELS	ARMSTRONG/ECOTONE/ ARCHIDPLY
5	STRECHED FABRIC SYSTEM INSTALLATION	ECOTONE/WALLTRACTS/DEXUNE
6	CALCIUM SILICATE BOARD/TILES	HILUX/HYSIL/AEROLITE
7	GLASSWOOL/ROCKWOOL	ROCKWOOL INDIA/GOENKA/LLOYD INSULATIONS/DHANBAD CHEMICAL

MODULAR FURNITURE/ WOODWORK		
1	WORK STATION AND MODULAR FURNITURE	GODREJ/ HNI/WIPRO
2	FURNITURE HARDWARE	HETTICH INDIA/ EBCO/ EARL BEHARI/KITCH
3	AUDITORIUM CHAIRS	GODREJ/WIPRO/HNI
4	MODULAR KITCHEN/WALLDROBE HARDWARE LIKE AUTO CLOSING HINGES, TELESCOPIC CHANELS ETC.	KAFF/HETTICH/HAECKER/ETRELUXE
5	FACTORY MADE ABOVE/BELOW COUNTERS CABINET/CUSTOMISED/OFFICE FURNITURE	CASA PARADOX/K2INDIA/HOUSE OF RARO/CONCEPT & CREATION/ ETRELUXE/COSTAWOOD/GEEKEN/ SPACEWOOD

PHE WORKS

Sl. No	ITEM	MAKE
1	VITREOUS CHINA SANITARY WARE	GROHE / KOHLAR / JAGUAR /HINDWARE
2	PLASTIC W.C. SEATS	GROHE / KOHLAR / JAGUAR / HINDWARE
3	STAINLESS STEEL SINKS	JAYNA / NEELKANTH / NIRALI
4	C.P. FITTINGS & ACCESSORIES& FLUSH VALVES	GROHE / KOHLAR / JAGUAR / HINDWARE
5	LIQUID SOAP DISPENSER	GROHE / KOHLAR / JAGUAR /PARCO
6	A) SOIL, WASTE & RAIN WATERPIPER & FITTINGS CAST IRON PIPES (IS:3989) B) SAND CAST IRON PIPES (IS:1729)	RIF / NECO / SKF/NIC RIF/SKF/HEPCO/NECO/NIC
7	RCC PIPES	INDIAN HUME PIPE/PRAGATI CONCRETE UDYOG/ KK BRAND PIPES
8	A) G.I. PIPES B) MS PIPES	TATA/JINDAL HISSAR/PARKASH SURYA TATA/JINDAL HISSAR/PARKASH SURYA/APOLLO
9	G.I. FITTINGS	ZOLOTO / KS / UNIK
10	CPVC PIPES & FITTINGS	FINOLAX/ASTRAL/SFMC
11	PPR PIPES & FITTINGS	FINOLAX/ASTRAL/SFMC/ SUPREME
12	G.I. PIPES	JINDAL/TATA/SAIL
13	GUN METAL VALVES(FULLWAY, CHECK ANDGLOBE VALVES)	LEADER/SANT/ZOLOTO
14	C.I. VALVES(FULLWAY, CHECK ANDGLOBE VALVES)	KSB / KIRLOSKAR / CRI/ZOLOTO/LEADER
15	WATER METERS	AQUAMET / CAPSTAN / KRANTI

16	BALL COCKS	GPA / L & K/ ALLEX
17	STONEWARE PIPES & GULLY TRAPS	PERFECT / BURN / Anand/RK
18	C.I. MANHOLE COVERS AND FRAMES	NECO / R.I.F/BIC/SKF
19	PUMPS SUBMERSIBLE DRAINAGE	Xylem/Ebara / GRUNDFOSS/KIRLOSKAR/KSB
20	ELECTRIC MOTORS	ABB/ GROUDFOSS/ SIEMENS/ KIRLOSKAR/KSB/GEC
21	ELECTRICAL SWITCHGEAR & STARTERS	(REFER TO ELECTRICAL)
22	CABLES	(REFER TO ELECTRICAL SPECIFICATIONS)
23	LIQUID LEVEL CONTROLLERS LIQUID LEVEL INDICATORS	MINILEC / RADAR/ TECHNIKA
24	SFRC MANHOLE COVERS	KK / S K PRECAST CONCRETE/ADVENT CONCRETO VISION
25	UPVC PIPES/ FITTINGS	PARAMOUNT/ FINOLEX / ASTRAL/SUPREME
26	MIRROR	MODI FLOAT/ ASAHI/ ATUL
27	WATER HEATER	AO SMITH/ VENUS/RACOLD
28	STONEWARE PIPES, GULLY TRAPS	PERFECT / BURN / Anand/RK/SFMC
29	SEAT COVER (HEAVY DUTY)	GROHE / KOHLAR / JAGUAR / HINDWARE/PARRYWARE
30	SOLAR WATER HEATING	BOSCH/RACOLD/TATA BP
31	STP /WTP/ETP	THERMEX / DOSHION / B.S. ENVIRO & INFRACON (P) Ltd. / CTEC

FIRE FIGHTING WORKS

S. NO.	ITEM	MAKE
1	G.I./M.S PIPES.	JINDAL/TATA/PRAKASH SURIYA
2	FORGED FITTINGS.	VS / KS / VEENUS
3	VALVES	AUDCO/ENOLAS/RB/ZOLOTO
4	'Y' STRAINER	KARTAR/LEADER/ZOLOTO
5	LEVEL CONTROLLER INDICATOR (WATER)	ADVANCE AUTO/TECHNIKA / MINILEC
6	PAINTS	ASIAN PAINTS/BERGER/NEROLAC

7	PRESSURE GAUGE	H GURU/FIEBIG/ ZOLOTO
8	FLEXIBLE RUBBER EXPANSION	KANWAL EASYFLEX/ RESISTOFLEX
9	PUMPS	KIRLOSKAR/MATHER & PLATT/KSB/CROMPTON
10	FIRE FIGHTING EQUIPMENTS	Minimax/Safex/Tyco/NEW AGE/LIFE GUARD
11	SPRINKLERS	TYCO/GRINNEL/HD/BEST
12	WELDING RODS	ADORE/ADVANI/VICTOR/OLNKER
13	GI HANGERS	HILTI/FISCHER/CHILLY/GMGR
14	RUBBER HOSE PIPE	DEEP JYOTI/JAY SHREE/NEWAGE

ELECTRICAL WORKS

S. NO	ITEM	MAKE
1	SWITCH FUSE UNIT (HRC TYPE)	SCHNEIDER / L&T / SIEMENS / ABB
2	MCB'S, RCCBS, ELCB'S & MCB DISTRIBUTION BOARD'S	SIEMENS / CRABTREE/LEGRAND/ABB/ HAVELLS
3	LT XLPE AL/CU CABLES UPTO 1100V	FINOLEX/ LAPP/POLYCAB/HAVELLS/KEI/RR CABLES
4	HT XLPE AL/CU CABLES UPTO 11000V	SKYTONE/INCAB/POLYCAB/NICCO/GLLOS TER/UNIVERSAL/INDUSTRIAL CABLES(RAJPURA)/ANCHOR
5	AIR CIRCUIT BREAKERS/ MCCB/CONTRACTOR	SCHNEIDER/ ABB / SIEMENS
6	TERMINALS	RAYCHEM/ 3M/ DENSON
7	LUGS	RAYCHEM/ 3M/ DENSON
8	UPS	APC/EATON/MITSUBISHI.
9	INDICATING LAMPS	L & T/ SIEMENS/ TECHNIQUE
10	POWER FACTOR CORRECTION RELAY	L&T/ SCHNEIDER/ SIEMENS
11	INDICATING INSTRUMENTS	L&T/ SCHNEIDER/ SIEMENS
12	KWH METERS	L&T/ SCHNEIDER/ PROCOM
13	CURRENT TRANSFORMERS/TIMER	SEIMENS/ KAPPA/ L&T
14	SELECTOR SWITCHES/PUSHBUTTON /PILOT LAMPS	SCHNEIDER/ KAYCEE/SIEMENS
15	CHANGE OVER SWITCHES	FINOLAX/ SOCOMAC/ L&T/HPL
16	11 KV VCB/ RMU PANEL	ABB/ SIEMENS/ SCHNEIDER/PRECISION SYSTEM CONTROL/CROMPTON
17	POWER TRANSFORMERS	ABB/SIEMENS/ CROMPTON/ ALSTOM/GEC

18	PACKAGE SUB-STATION	ABB/ SIEMENS/ KIRLOSKER/ PRECISION SYSTEM CONTROL
19	HT/LT JOINTING KITS/ GLANDS	RAYCHEM/ 3M/ DENSON
20	SOUND PROOF DG SET	>500KVA - CUMMINS/PERKINS/KIRLOSKER <500KVA - CUMMINS/CSH/KIRLOSKER
21	ALTERNATOR	STAMFORD/ LEROY SOMER/ CROMPTON
22	LT PANELS, FEEDER PILLARS, STARTERS ,MOTOR CONTROL CENTRE, POWER CONTROL CENTRE ETC.	L&T,SIEMENS,PRECISION,ABB & SCHENIDER GE/ PRECISION SYSTEM CONTROL/BSPL
23	POWER CAPACITORS	EPCOS/ SIEMENS/ SCHNEIDER
24	HRC FUSE BASE & IIRC FUSES	L&T/ GE/ SCIINEIDER
24	LIGHTING FITTINGS & LUMINARIES	XAL/TRILUX/REGENT
26	PVC INSULATED 1.1KV GRADE COPPER WIRES	PARAMOUNT/FINOLEX/HAVELLS/KEI/RR KABEL/NATIONAL/ANCHOR
27	MODULAR TYPE SOCKETS & SWITCHES	HAVELLS/ LEGRAND/ MK ASPECT
28	PVC CONDUIT	ATUL/ AKG/ MK/POLYPACK
29	CEILING/ WALL/ EXHAUST FANS	CROMPTON /USHA/ ORIENT
30	CABLE TRAY	VENUS/ SLOTCO/ INDIANA/ PRECISION SYSTEM CONTROL/ADITYA STEEL/MEM
31	RISING MAIN/ BUS TRUNKING	SIEMENS/ GE/ PRECISION SYSTEM CONTROL
32	TV/TELEPHONE CABLE	FINOLEX/ POLYCAB/ HAVELLS/LAPP
33	EARTHING STRIP/TAPE & ETC	VENUS/ SLOTCO/ INDIANA
34	FIRE EXTINGUISHER/ RUBBER MAT ETC	MINIMAX/ NEWAGE/ SAFEX/LIFE GUARD
35	STEEL CONDUIT	AKG/ RMCON/ MK
36	RACEWAY	LEGRAND/ VENUS/ MK/SLOHCO
37	CABLE GLANDES	GRIPWELL/COMET
38	HT JOINTING KIT	RAYCHEM/DENSON/CABSEAL
39	ETHERNET WEB SMART SWITCH& ACCESSORIES	CISCO/AVAYA/D-LINK
40	PATCH PANEL & PATCH CORDS, UTP COPPER CABLE& ACCESSORIES	CORNING/PAUNDIT/SEMON
41	STREET LIGHT POLE(GI)	TWINKLE/WIPRO/PHILIPS/BAJAJ
42	SEALED MAINTENANCE FREE BATTERIES	PANASONIC/EXIDE/GLOBAL YUASA

Note: - Modular type switches/Sockets/Fan regulators shall be of same make.

HVAC

1.	VARIABLE REFRIGERANT VOLUME / FLOW UNITS (OUTDOOR UNIT)	Mitsubishi Electric / DAIKIN / TOSHIBA / OGENERAL / SAMSUNG
2.	COPPER Y-JOINTS & FITTINGS	Mitsubishi Electric / DAIKIN / TOSHIBA / OGENERAL / SAMSUNG
3.	VARIABLE REFRIGERANT VOLUME / FLOW UNITS (INDOOR UNIT)	Mitsubishi Electric / DAIKIN / TOSHIBA / OGENERAL / SAMSUNG
4.	CENTRAL & REMOTE CONTROLLER	Mitsubishi Electric / DAIKIN / TOSHIBA / OGENERAL / SAMSUNG
5.	AIR HANDLING UNITS (AHU) / TFA	VTS / ZECO / Flaktwood / EDGETECH / WAVES / HUMIDIN / AIR FLOW
6.	AXIAL FAN / CENTRIFUGAL FAN / INLINE (AMCA CERTIFIED FOR SOUND & PERFORMANCE)	Greenheck / KRUGER / SYSTEM AIR / HUMIDIN / AIR FLOW
7.	PROPELLER FAN	Crompton / Kruger / Systemair / USHA / GE
8.	AIR CURTAIN	VTS / Mitswah / THERMADYNE / BLOWAIRE / SHARP
9.	HI WALL SPLIT UNITS	DAIKIN / MITSUBISHI / CARRIER
10.	THREE PHASE MOTORS	ABB / CG / SIEMENS
11.	COPPER REFRIGERANT PIPING	MAXFLOW / Indigo / Mandev / AS PER VRV / VRF MANUFACTURER / STAR / TOTALINE
12.	UPVC DRAIN PIPING	SUPREME / PRINCE / FINOLEX / ASTRAL
13.	GSS SHEET	SAIL / TATA / JINDAL
14.	FACTORY FABRICATED DUCT	ZECO / ROLASTAR / DUCTOFAB
15.	INSULATED FLEXIBLE DUCT	U.P.TWIGA / CARYAIRE / ATCO
16.	CANVASS SLEEVE	CARYAIRE / AIR FLOW
17.	FIRE & SMOKE DAMPER SPRING TYPE	CARYAIRE / Systemair / SERVEX / RAVISTAR
18.	FIRE DAMPER ACTUATOR	BELIMO / SIEMENS / DANFOSS / MAPRO
19.	EXTRUDED ALUMINUM GRILLS / DIFFUSERS / DAMPER	CARYAIRE / Systemair / SERVEX / RAVISTAR / MAPRO
20.	VIBRATION ISOLATION SPRING & FLEXIBLE PIPE CONNECTOR	RESISTOFLEX / DUNLOPE
21.	CROSS LINKED POLYETHYLENE INSULATION (XLPE)	SUPREME / TROCELLEN / THERMOBREAK
22.	FIBRE GLASS RIGID BOARD	U.P.TWIGA / OWEN CORNING / KIMCO
23.	LT PANELS, FEEDER PILLARS, STARTERS ETC.	L&T, SIEMENS, PRECISION, ABB & SCHENIDER GE / PRECISION SYSTEM CONTROL

OTHER SERVICES

1.	FIRE ALARM WORKS	AS PER BOQ ONLY
2.	STAGE FURNISHING & LIGHTING	AS PER BOQ ONLY
3	AUDIO- VIDEO SYSTEM	AS PER BOQ ONLY
4	LAN & VOICE NETWORK	AS PER BOQ ONLY
5	VIDEO SURVEILLANCE SYSTEM(IP CCTV)	AS PER BOQ ONLY
6	EPABX SYSTEM	AS PER BOQ ONLY
7	PUBLIC ADDRESS SYSTEM	AS PER BOQ ONLY
8	ACCESS CONTROL SYSTEM	AS PER BOQ ONLY
9	BUILDING MANAGEMENT SYSTEM	AS PER BOQ ONLY
10	SOLAR PHOTOVOLTAIC POWER GENERATION SYSTEM	AS PER BOQ ONLY
11	ELEVATORS	AS PER BOQ ONLY