

APPROVED MAKE LIST

Name of Work: Construction of Various Category Quarters in Ahmedabad City (Addition, Alteration, Upgradation and Modernization of Campus, Landscaping and Beautification of Gardens and other Beautification work in Campus of Govt. Bunglow No. 4 to 30 at Dafnala, Shahibaug, Ahmedabad)

	Notes:
1	Any make shall only be used after obtaining prior approval in writing from the Engineer-in-charge.
2	Bidder shall bid with respect to consideration that he shall have to procure any of the make from the list of the entire approved make list based on technical merit and not the lowest costing to bidder.
3	Though an effort has been made to include all the items and multiple makes for the same, in case any item is found missing in the approved make list, the Engineer-in-charge and architect/ PMC shall have full rights suggest the brand and company from the market which meet tender specifications, relevant IS codes and best market quality.
4	For all aesthetics related decision approval shall be sought from engineer in charge, competent authority and architect and if required mock ups shall be prepared prior to approval.

SR NO	ITEM	MAKE COMPANY/ BRAND
LIST OF MAKES FOR CIVIL WORK		
1.	ORDINARY PORTLAND CEMENT/ POZZOLLONA PORTLAND CEMENT	ULTRATECH, AMBUJA, SIDDHI , JK, JAYPEE, ACC, L&T, CEMENT CORPORATION OF INDIA, JAIPRAKASH, SANGHI, SAURASHTRA CEMENT, KAMAL, NIRMAX, JAY PEE, CENTURY, BIRLA OR EQUIVALENT
2.	WHITE CEMENT	JK WHITE, BIRLA WHITE OR EQUIVALENT
3.	ANTI - TERMITE TREATMENT	BAYER PREMISE , RALLIS INDIATERMEX, PESTCONTROL INDIA LTD , HI-CARE, TATA CHEMICALS, FMC, EXCEL , ULTIMA SEARCH/ BHARAT INSECTICIDES, RENTOKIL PCI OR EQUIVALENT
4.	TMT "FE – 500 D" RIBBED BARS	MATCHING IS CODES AND HAVING BIS LICENSE SUCH AS TATA, VIZAG, SAIL, ESSAR, ELECTRO TMT, ASR, THERMAX, ELECTROTHERM, VINAYAK, UTKARSH, JSPL, RINL, JSW STEEL OR EQUIVALENT
5.	MODULAR BRICK	JJB (JAY JALARAM BRICKS), HARIHAR BRICKS, JBC (JALARAM BRICKS CO.), KESARJAN, AMDAVAD ENVIRO PROJECTS, RADHAKRISHNA OR EQUIVALENT
6.	READY MIX LIME MORTAR, PLASTER, LIME FINISH	KESARJAN, AMDAVAD ENVIRO PROJECTS, JBR COATINGS AND INSULATIONS (LIMOCOAT), ESHAN MINERALS (ESHAN GOLD LIME PLASTER), DELIGHT CHEMICALS PVT. LTD (SURYA CEM), CETCON BUILDING TECHNOLOGIES PVT. LTD. OR EQUIVALENT
7.	STRUCTURAL HOLLOW STEEL SECTIONS (TUBULAR, SQUARE & RECTANGULAR)	MATCHING IS CODES AND HAVING BIS LICENSE SUCH AS TATA, SAIL, ESSAR, ASR, JSPL, RINL, ASIAN OR EQUIVALENT
8.	COARSE AGGREGATES	AS PER RELEVANT IS CODES

SR NO	ITEM	MAKE COMPANY/ BRAND
	(MACHINE CUT)	
9.	COARSE AGGREGATES 6MM TO 40MM SIZES(HARD BLACK TRAP STONE)	AS PER RELEVANT IS CODES
10.	STONE RUBBLES & GRAVELS (HARD BLACK TRAP STONE)	AS PER RELEVANT IS CODES
11.	PAVER BLOCK/FLAGSTONE / GRASS PAVER BLOCK/KERB STONE	VYARA, KESARJAN, AMDAVAD ENVIRO PROJECTS OR EQUIVALENT
12.	TEXTURED COATING, PAINT, PRIMER, WHITE CEMENT PUTTY	HERITAGE, UNITILE, DUBOND, INDOTEX PAINTS, EARTHEN TEXTURES, LIMOCOAT, KESARJAN, ASIAN PAINTS ASIAN PAINTS, KANSAI NEROLAC, DULUX OR EQUIVALENT
13.	CONSTRUCTION CHEMICALS (PLASTICISERS, BONDING AGENTS, , SBR LATEX, MICRO CONCRETE, WATER PROOFING CHEMICAL, POLYSULPHIDE SEALANT, P.U SEALANT, GROUT ETC.)	BASF, FOSROC, SIKKA, KERAKOLL, BOSTIK, CHEMAX, CHITRA INSULTEC, DUBOND, CICO, CHEMBOND, PERMA CONSTRUCTION AIDS, REDWOP CHEMICALS,PIDILITE, CHAWKSEY OR EQUIVALENT
14.	CRYSTALLINE WATER PROOFING	PENETRON, KRYTON, BOSTIK, XYPEX, KERAKOLL OR EQUIVALENT
15.	PRE-COATED STEEL ROOFING/ WALLING SHEETS 550 MPA	TATA BLUESCOPE, JSW, INTERARCH, NIPPON DENDRO, NATIONAL STEEL, SHREE PRECOATED, SANTANI STEEL OR EQUIVALENT
16.	C&D WASTE BUILDING MATERIAL (BRICK, CONCRETE BLOCK, GRASS PAVER ETC.)	KESARJAN, AMDAVAD ENVIRO PROJECT OR EQUIVALENT
17.	SIGNAGE	AS PER RELEVANT IS CODES
18.	PRECAST JAIL BLOCK/PRECAST ELEMENT (ANY TYPE)	VYARA, KESARJAN,AMDABAD ENVIRO PROJECT. PIERCON MBM PRECAST, URBANAAC OR EQUIVALENT
19.	PU/ LACQUER/ MELAMINE POLISH	ASIAN PAINTS, ICA, DULUX, KANSAI NEROLAC, ESSDEE PAINTS, SHEENLAC, TARALAC, PIDILITE OR EQUIVALENT
20.	STONEWARE PIPES/GULLY TRAPS/NP2 /NP3 PIPE	AS PER RELEVANT IS CODES

SR NO	ITEM	MAKE COMPANY/ BRAND
21.	UPVC, HDPE, CPVC PIPES, FITTINGS AND ACCESSORIES	ASTRAL, SUPREME, ASHIRVAD, PRINCE, FINOLEX OR EQUIVALENT

LIST OF MAKES FOR LANDSCAPING & IRRIGATION WORK		
1.	SPRINKLER, BUBBLER AND ACCESSORIES	HUNTER, RAIN BIRD, K RAIN, POONAM, ASTORE, RAIN BIRD, JAIN, EQ. AUTOMAT, OR EQUIVALENT
2.	PUMP AND FILTRATION	KIRLOSKAR, LUBI, AUTOMAT, JAIN OR EQUIVALENT
3.	ALL TYPE OF VALVES AND ALLIED FITTINGS	RB (ITALY), SANT, CIM, SKS, ZOLOTO, LEADER, CG, HARRISON, HAWA, KIRLOSKAR, C&R, CASTLE, INTERVALVE, CRI, HP VALVES & FITTINGS, AIRA, UFLOW, JEKON CONTROLS, DANFOSS, ASTEN CONTROLS, LEHRY VALVES, L&T, AMTEC, HONEYWELL, JOHNSON CONTROL, SAUTER, SCHNEIDER, SIEMENS, ANERGY, KITZ, ADVANCE VALVE, TA DIGITAL, AUDCO, BONAMI, VALTREE, TOUR & ANDERSON, DS ENGG, EMERALD, FLOWCON, SEVCON OR EQUIVALENT
4.	AUTOMATION	HUNTER, RAIN BIRD, K RAIN OR EQUIVALENT
5.	STONEWARE PIPES/GULLY TRAPS/NP2 /NP3 PIPE	AS PER RELEVANT IS CODES
6.	UPVC, HDPE, CPVC PIPES, FITTINGS AND ACCESSORIES	ASTRAL, SUPREME, ASHIRVAD, PRINCE, FINOLEX OR EQUIVALENT
7.	PRESSURE GAUGE	H. GURU / JACK TECH / FORBES MARSHALL / WAAREE OR EQUIVALENT
8.	IRRIGATION ACCESSORIES	SUPREME, FINOLEX OR EQUIVALENT
9.	GOOD EARTH (GARDEN SOIL)	APPROVED LOCAL SOURCE CONFORMING TO CPWD/R&B SPECS OR EQUIVALENT
10.	FARM YARD MANURE (FYM)	IFFCO, GSFC, LOCAL GOVT. APPROVED SUPPLIERS OR EQUIVALENT
11.	COW DUNG POWDER MANURE (WELL DECOMPOSED, NABL TESTED)	IFFCO, GSFC, TATA RALLIS, TRUST BASKET, LOCAL NABL-APPROVED SUPPLIERS OR EQUIVALENT
12.	INSECTICIDES (20 L SEALED PACKING)	BAYER, SYNGENTA, BASF, FMC, TATA RALLIS OR EQUIVALENT
13.	HUMIC ACID	IFFCO, BAYER, SYNGENTA, BASF, FMC, TATA RALLIS OR EQUIVALENT
14.	CARPET LAWN GRASS (DOOB / BERMUDA)	GOVT. APPROVED NURSERIES / FOREST DEPT. / APPROVED LOCAL NURSERIES OR EQUIVALENT
15.	HEDGE PLANTS (CLERODENDRON,	GOVT. APPROVED NURSERIES / FOREST DEPT.

	PLUMBAGO, ETC.)	
16.	CREEPERS & CLIMBERS	GOVT. APPROVED NURSERIES
17.	SHRUBBERY PLANTS (ALL SPECIFIED VARIETIES)	GOVT. APPROVED NURSERIES
18.	SAPLINGS (LANTANA, FOUNTAIN GRASS, ETC.)	GOVT. APPROVED NURSERIES
19.	TOPIARY PLANTATION HEIGHTOF 5' TO 6'	GOVT. APPROVED NURSERIES
20.	SPECIAL TOPIARY PLANTATION HEIGHTOF 6' TO 7'	GOVT. APPROVED NURSERIES
21.	TOPIARY PLANTATION HEIGHTOF 12' TO 14'	GOVT. APPROVED NURSERIES
22.	PALM PLANTS (5'-6')	GOVT. APPROVED NURSERIES

LIST OF APPROVED MAKE FOR ELECTRICAL WORK		
1	LT MCCB WITH EARTH FAULT	LEGRAND/SIEMENS/SCHNEIDER/ABB/L&T OR EQUIVALENT
2	LT MCB, ELCB, RCCB	LEGRAND/SIEMENS/SCHNEIDER/ABB/ L&T OR EQUIVALENT
3	LT PANELS	FABRICATED PANELS WITH STANDARD APPROVED SWITCH GEARS & ACCESSORIES CPRI / ERDA APPROVED PANEL SUPPLIERS OR EQUIVALENT
4	MEDIUM VOLTAGE CABLE / CONTROL / FLEXIBLE CABLE	RR KABEL/HAVELLS/FINOLEX/KEI/POLYCAB OR EQUIVALENT
5	MFM	SCHNEIDER / SECURE/ SIEMENS/ L&T/ HPL OR EQUIVALENT
6	RELAYS- EARTH FAULT	SIEMENS / SCHNEIDER / ABB / LEGRAND OR EQUIVALENT
7	INDICATING LAMP	SIEMENS / SCHNEIDER ELECTRIC / TEKNIC –KEYCEE OR EQUIVALENT
8	ELECTRIC TIMER	SIEMENS / LEGRAND/CONSERVE / GIC OR EQUIVALENT
9	ROTARY SWITCH	SIEMENS / SCHNEIDER ELECTRIC / TEKNIC - KEYCEE / SALZER OR EQUIVALENT
10	SELECTOR SWITCH	TEKNIC - KEYCEE / SALZER/ SCHNEIDER ELECTRIC / L&T / SIEMENS/ HPL OR EQUIVALENT
11	LUGS / BIMETALLIC LUGS	HMI/COMET/3M/DOWELLS OR EQUIVALENT
12	CABLE GLAND	HMI/COMET/3M/ SCHNEIDER ELECTRIC / L&T / SIEMENS/ HPL OR EQUIVALENT
13	CONNECTORS (COLOURS AS PER PHASE	SALZER / ELEMEX/ SCHNEIDER ELECTRIC / L&T / SIEMENS/ HPL OR EQUIVALENT

	& NEUTRAL)	
14	PVC CONDUITS AND ACCESSORIES	PRECISION/FINOLEX/ASTRAL OR EQUIVALENT
15	LIGHT FIXTURES - EXTERNAL / INTERNAL	HAVELLS/CG/LIGHTINGTECHONOLGY/PHILIPS/ FUTURA /NOTION WIPRO / RANGE-LITE / TRINITY/ BAJAJ OR EQUIVALENT
16	EARTHING SYSTEM	MAP WORLD WIDE / STERLING ENTERPRISE / OBO BETTERMANN/ASHLOK/ KOPELL GROUNDING SYSTEMS OR EQUIVALENT
17	BLDC CEILING FAN (BELOW 5' DIA)	ATOMBERG/ SUPERFAN/ ORIENT/ CROMPTON/ HAVELLS/ USHA/ OR EQUIVALENT
18	POLE	BAJAJ/TRANSRAIL/GRP/FUTURA/NOTION OR EQUIVALENT

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