

Subject: Guidelines for ordering equipment, tools, first aid kit, etc. for construction related works.

Keywords: Tools, equipment, toolkit/tool box, gardening tools, first aid kit

These guidelines are being issued to standardize the purchase of the following items.

- A. Tools and equipment.
- B. Tool kit/tool box for plumber and electrical.
- C. Gardening tools.
- D. Items for use of staff and security at site.
- E. First aid kit to be maintained at site & Medical equipment details.

A. Tools and equipment				
S No.	Description	Used for	Make	Approximate cost
1.	Die grinder to be used with step regulator which is used for fans like Almonard air circulator.	Finishing works near skirting, corners, near windows, etc. Can also be used for polishing of stone/granite – minor corrections only.	Powertex, PPT-DG-25	Rs. 1,700/-
2.	Die-grinder bits	For masonry grinding & leveling. For Tinoxide polishing	NA	Rs.100 to 150/- for 5 bits
3.	Angle grinder	Wall Cutting. Leveling for installation of windows. Grinding of uneven walls. Cutting steel rods. Cleaning of pavers, footpath tiles, Tandoor, etc.	Bosch-GWS750 100/115/125	Rs. 2,750/-
4.	Angle grinder blades.	Masonry grinding Blade Masonry cutting Blade CC cutting Blade Granite cutting Blade Steel cutting Blade Wire brush-Cup Wheel-100mm	Bosch-2608602797 Bosch-2608602798 Bosch-2608602798 Bosch-2608602798 Bosch-2608603412 Bosch-2608603606	Rs.90/- per no Rs.108/-per no Rs.108/-per no Rs.108/-per no Rs.21/-per no Rs.600/-per no
5.	Sander	Sanding of walls and furniture Buffing of windows, PVC tile corners, etc.	Bosch - GEX 125-1 AE	Rs. 4,800/-
6.	Attachment for sander	Buffing Pad Emery Paper Sand Paper	Polishing window and furniture.	Rs. 260/- Rs.250/- Rs.50/-
7.	Hammer drill/ impact drill	Used for making holes in masonry & CC	Bosch - GBH 200	Rs. 5,300/-
8.	Drill bits	For masonry (3 to 10 mm set) For wood (8, 10, 12mm -155mm length) For metal – (6, 8, mm dia) For metal – (10mm dia) For granite and concrete (6, 8, 10, 12, 16, 20mm dia)	Bosch-2608578156 Bosch-2608587497/8/9 Adison Brand 2608680263 – 6mm – 100 mm length 2608680270 – 8mm – 100 mm length 2608680273 – 10mm – 100 mm length 2608680278 – 12mm	Rs.350/- Rs.100/- Rs.105/-6MM Rs.200/-8MM Rs.339/-10MM Rs.85/- Rs.85/- Rs.85/- Rs.130/-

			– 150 mm length 2608680285 – 16mm – 150 mm length 2608680290 – 20mm – 200 mm length	Rs.220/- Rs.460/-
9.	Earth compaction machine-diesel engine	For compaction of earth upto 6"	Greaves ,1520 (to be substituted with electric machine)	Rs. 51,500/-
10.	Welding machine – big small Welding rods	Arc welding	Powertex Arc 300 Powertex Arc 200ES	Rs.14,000/- Rs.6,500/- Rs. 250/- per packet
11.	Gas cylinder – Acetylene Oxygen Pipe pair Gas torch	Used for cutting rods or heavy steel sheets/ I sections	Local ESAB	Rs. 13,000/- Rs. 13,630/- Rs. 45/- per mtr Rs. 4,485/-
12.	Lawn mover Powered	Lawn trimming	Proton 2HP	Rs. 40,880/-
13.	Line laser Tripod	Used for marking level on columns and walls.	Bosch-GLL 3-15X Bosch BT-150	Rs. 5,050/- Rs. 2,655/-
14.	Digital tape	To measure distances accurately	Bosch GLM 500	Rs. 5,000/-
15.	Auto leveler including Tripod	Marking levels at site	Bosch GOL 32 D	Rs. 15,677/-
16.	Kerosene torch	Used for HDPE jointing work.	Brass	Rs.1,100/-
17.	Electric screw driver	Minor works at site	06019H20RO	Rs. 2,500/-
18.	Pressure Washing Machine	<u>Washing purpose.</u>	<u>Kracher 150 Bar 500L/H</u>	Rs.31,500/-
19.	Floor Cleaning Machine	Used for floor cleaning purpose.	Roots E-430	Rs. 1,13,280/-
20.	Street Sweeping Machine - manual	Used for street cleaning purpose.	Roots Hako	Rs. 23,200/-
21.	Chain saw	Cutting wood, felling trees, pruning	K. Power HUSW Varna	Rs. 11,500/- 12" Rs.26,000/- 16"
22.	Clamp amp meter	Measures Current	M 266 (online purchase)	Rs.1,007/-
23.	Demolition hammer Poker Chissle bit	Light chipping and breaking work	SHH 7200	Rs. 14,170/- Rs. 590/- Rs. 590/-
24.	Light meter	Measures light intensity	LX -103 (online purchase)	Rs.1,818/-
B. Tools kit/tool box for plumber & electrician				
25.	Spanner Set 6-32mm		Taparia	Rs 764/-
26.	Cutting Player 8"		Taparia	Rs 246/-
27.	Nose Player 6"		Taparia	Rs 215/-
28.	Screw Spanner 10"		Taparia	Rs 328/-
29.	Screw Driver flat 10"		Taparia	Rs 102/-
30.	Screw Driver Philips 10"		Taparia	Rs. 120/-
31.	Wire Stripper		Taparia	Rs 59/-
32.	Tester 814		Taparia	Rs 44/-
33.	Pipe Wrench 14"		Taparia	Rs 659/-

34.	Ball Pin Hammer 200 gms		Taparia	Rs 195/-
35.	Allenkey set		Taparia	Rs 200/-
36.	Hacksaw frame with blade 6"		Jolly	Rs 106/-
37.	Claw hammer 450 gms		Taparia	Rs. 334/-
38.	PVC tool box PTB-16		Taparia	Rs. 950/-
C. Gardening tools				
39.	Axe		Tata	Rs.250/-
40.	Spade		Tata	Rs.210/-
41.	Shovel		Tata	Rs.350/-
42.	Sickle		Tata	Rs.150/-
43.	Trowel		Tata	Rs.40/-
44.	Hand gloves		Tata	Rs.70/-
45.	Running cutter		Tata	Rs. 500/-
46.	Hedge cutter		Tata	Rs. 600/-
D. Items for use of staff and security at site				
No	Description	Used for	Make	Approximate cost
47.	Torch lights	Used for security purpose	Havells 1 watt rechargeable led torch	Rs 260/- small Rs 680/- Big
48.	Umbrellas	Used for security purpose	Citizen	Rs 260
49.	Safety shoes	Used for staff & security purpose	Hilison	Rs 400
50.	Safety helmets Staff Male labour Female labour	Used for staff & labour at site	Shelemet/ISI	Rs 175/- Rs. 52/- Rs. 52/-
51.	Safety belts	Used for labour at site	Atlas	Rs 250/-
52.	Rain coat	Used for staff & security purpose	Lotus	Rs 400/-
53.	Safety jacket	Used for staff & security purpose	-	Rs 65/-
54.	Latti	Used for security purpose	Bamboo	Rs 65/-
E. First aid kit & medical equipment to be used at site				
55.	First air kit with box Antiseptic cream, adhesive plaster, gauze, bandage, peroxide, iodine tincture, etc. First aid kit consumables Cotton Crepe Bandage Sterile gauze dressing Disposable gloves Scissor Bandages Burnol Hydrogen peroxide Roller cotton bandages		Atlas	Rs. 750/-

56.	Pulse Oximeter – finger type	Used for measuring oxygen level.	BPL	Rs 600/-
57.	Infrared thermometer	For measuring body temperature	AICARE	Rs 900/-
58.	Paracetamol -650mg	For fever		Rs 30/- 15 tab
59.	Volini spray	For pain relief	Volini	Rs 60/- 15gm

Note:

1. Above rates are inclusive GST.
2. Photographs and brief description is enclosed.

Soham Modi

 SPANNER SET	 CUTTING PLAYER	 SCREW SPANNER	 SCREW DRIVER
 WIRE STRIPPER	 TESTER	 PIPE WRENCH	 BALL PIEN HAMMER
 ALLENKEY SET MM	 HACKSAW FRAME WITH BALDE	 SCREW DRIVER	 CLAW HAMMER
 TOOL BOX	 AXE AXE	 DOUBLE ENDED SPANNER	 ANGLE GRINDER
 AUTO LEVELLER WITH TRIPOD	 BIG WELDING MACHINE	 GAS CYLINDER	 CHAIN SAW
 CLAMP AMMETER	 DIE GRINDER	 DIGITAL TAPE	 DIE GRINDER BITS



EARTH COMPACTION



FLOOR CLEANING MACHINE



HAMMER DRILL



ELECTRIC SCREWDRIVER



LAWN MOVER



KEROSENE TORCH



HAND GLOVES



LIGHT METER



SHOVEL



SANDER



LINE LAZER



LINE LAZER TRIPOD



SICKLE



SMALL WELDING MACHINE



SPADE



TROWEL



TORCH



UMBRELLA



SAFETY SHOES



SAFETY HELMET



SAFETY BELT



FIRST AID KIT



RAIN COAT



SCISSOR



CREPE BANDAGES



GLOVES



BAND-AID



BURNOL



HYDROGEN
PEROXIDE



FINGERTIP PLUSE
METER



INFRARED
THERMOMETER



BANDAGES



VOLINI



SAFETY JACKET



NOSE PLAYER