

<b>Trade: Shuttering Carpenter</b> <b>(column -3 person; footing box- 1 person; shearwall - 6 person, lift wall- 8 person, slab - 10 person)</b>			
संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागिहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with hard PCC	1 pcs	Minimum standard - 150 sqm(without store)
2	Different size of wood murabba/log	100 pcs	Size : 2"x3"x8'
3	Different size of wood murabba	100 pcs	Size : 2"x2"x8'
4	Different size of wood murabba	30pcs	Size: 4"x4"x8'
5	Different size of plywood	50 pcs	Size :4'x8' xThickness 12mm
6	Measuring tape	22 pcs	3m -20, 10m -2
7	Crosscut U.K Style handsaw	20 pcs	15"
8	Spirit Level - Small medium large	10 pcs	12",24" 40"
9	Tie Rods	76 pcs	Size : 80cm - 40 pcs; 40cm - 30pcs; 50cm - 6pcs (as per need)
10	Plywood / log cutting table	2 pcs	19'x53"x32"
11	Toolbox with Handtools	20 set	Adequate necessary tools
12	Rip Saw Machine	2 set	20"
13	Drill machine with different size of drill bit	2 set	26mm, 900watt
14	Standardised tubular pipes for Scaffolding (for one fixed tower)	32 pcs	L=6m, wall thickness-4 mm
15	U head Jack tube pipe	38 pcs	2 Feet. Weight: 3.5 Kg. Base Plate Dimensions: 110 X 110 X 5mm.
16	Base Jack tube pipe	38 pcs	36mm x 600mm
17	Base plate	10 pcs	
18	Adjustable Wrench	6 pcs	8", 12"
19	Spanner set of different sizes	20 pcs	6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm, 20 x 22 mm
20	C-Clamp set	20 pcs	6",8"12"
21	L-Shape right angle	16 pcs	
22	Plumb bob	20 pcs	225 gm
23	Try square	20 pcs	8"x12"
24	Wooden jack plane	2 pcs	12–18 inches (300–460 mm) long and 2.5–3 inches (64–76 mm) wide
25	Jig saw	1 pc	Cutting depth 150 mm
26	Wooden Mallet	10 pcs	48 x 125 mmx 330 mm Length
27	Marking gauge	20 pcs	150 mm
28	HDPE Pipe	2nos.	Size : 10 meter length , 25 mm diameter (Circle )
29	Prop	38pcs	Size: 150cm length
30	Straight edge (aluminium nol)	20 pcs	8"x12"
31	Claw hammer	20 pcs	500 g
32	Wooden (Chisel ) set	20 pcs	6mm to 50mm in set
33	Crow Bar	10 pcs	12,16,20 in inch
34	Toolbelt	20 pcs	Small,medium,large
35	Push Broom	5 pcs	10",14" 18" Heavy
36	Chalk line	6pcs	
37	Mallet	20 pcs	
38	Compass saw	10 pcs	
39	T-bevel	10 pcs	
40	Combination square	10 pcs	
41	Scratch awl	20 pcs	
42	Butt gauge	5 pcs	
43	Hand drill	20 pcs	
44	Adze (Basila)	5 pcs	
45	Chisel (different size)	20 pcs	
46	Bar clamp	10 pcs	
47	Crow Bar	20 pcs	
48	Pincer (Jambo)	20 pcs	
49	Nail puller	10 pcs	
50	Nail punch	10 pcs	
51	Pliers	20 pcs	

52	Hammer	20 pcs	
53	File (Saw sharpening triangular type)	10 pcs	
54	Power saw	2 pcs	
55	Saw set (pliers type)	10 set	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
56	Helmets	20 nos	
57	Safety Goggles	20 nos	
58	Ear Plug	20 nos	
59	Gloves	20 nos	
60	Mask	20 nos	
61	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
62	Hi-Visibility Jacket	20 nos	Small, medium, large
63	Hi-Visibility Jacket for instructors	2 nos	Small, medium, large
64	White color helmet for instructor	2 nos	
65	Safety boot for the instructors	2 nos	
66	Safety harness	5 nos	

**Trade: Mason**  
**(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागिहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with PCC	1	Minimum standard - 130 sqm (2.5m*2.5m work area for 1 participant + mortar mixing area), no storage area included)
2	Electric Mortar Mixture	2 nos	
3	Wheelbarrow	6 nos	
4	Spirit Level	20 pcs	
5	Alumunium straight edge	20 pcs	
6	Shovel	10 pcs	
7	Right angle	20 pcs	
8	Measuring Tape	20 pcs	
9	Plastic hammer	20 pcs	
10	Steel hammer	6pcs	
11	Brick axe	20 pcs	
12	Plum-bob	20 pcs	
13	Level pipe	5 pcs	5m
14	Hawk	20 pcs	
15	Penscriber	20 pcs	
16	Stone bluster	20 pcs	
17	Trowel	20 pcs	
18	Rusha	20 pcs	
19	Spot board (3ft x2ft)	20 pcs	
20	Grinding machine	2 pcs	
21	Chalk line	6pcs	
22	brush	20pcs	
23	Steel plate	20 pcs	
24	Adze	10 pcs	
25	Back saw	10 pcs	
26	Brick Bolster	20 pcs	
27	Brick Hammer	20 pcs	
28	Bucket	20 pcs	
29	Builder's square	20 pcs	
30	Chisel	20 pcs	10"
31	Claw hammer	20 pcs	
32	Crowbar	5 pcs	
33	Float	20 pcs	
34	Folding rule	10 pcs	
35	Batching box/ Gauge box	5 nos	
36	Grinding stone	20 pcs	
37	Hammer	20 pcs	
38	Jumber (Gal)	5 nos	
39	Brick Cutter	10 nos	
40	Line and Pins	20 nos	
41	Line holder	20 nos	
42	Mallet	20 pcs	
43	Mortar pan	20 nos	
44	Paw	20 nos	
45	Picks	5 nos	

46	Pipe level	20 nos	
47	Pointing key	20 nos	
48	Pointing trowel	20 nos	
49	Post hole digger	10 nos	
50	Spade	10 nos	
51	Straight edge	20 nos	
52	Water drum	1 nos	
53	Wire brush	20 nos	
54	Wire mesh	5 nos	
55	Wooden stroke	20 pcs	
56	Wooden Trowel (Ruksa)	20 pcs	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
57	Helmets	20 nos	
58	Safety Goggles	20 nos	
59	Ear Plug	20 nos	
60	Gloves	20 nos	
61	Mask	20 nos	
62	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
63	Hi-Visibility Jacket	20 nos	Small,medium,large
64	Hi-Visibility Jacket for instructors	2 nos	Small,medium,large
65	White color helmet for instructor	2 nos	
66	Safety harness	5 nos	

**Trade: Scaffolding**  
**(group of 4 person to construct a tower)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागिहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Ground	1	<b>Minimum standard</b> - 180 sqm (without store) one birdcage tower need 36 Sqmx5 tower= 180 Sqm for safety measures.
2	Tube Size	1 M - 20 pcs 2 M - 80 pcs 2.5 M - 20 pcs 3 M - 80 pcs 4 M - 60 pcs 6m - 6pcs 1.5M - 20pcs	
3	Double Clamp	350 pcs	
4	Single Clamp	150 pcs	
5	Swivel	80 pcs	
6	Cuplock scaffolding tube for demo	3m stand - 20 1 or 1.5 m - 10 Ledger/transom 2.5 or 1.80m - 75	(may take time to bring the tools from India 2 months)
7	Wooden Toe Board	3m - 75 pcs 2m - 60 pcs 1.5m - 10 pcs 1m- 20pcs	
8	Caster wheel	20 pcs	
9	Harness double hook	20 pcs	
10	Box Spanner	20 pcs	
11	Open Spanner	10 pcs	
12	Ratchet Spanner	2 pcs	for demo
13	Adjustable Base Jack	20 pcs	
14	Spirit Level	10 pcs	
15	Ladder	5 pcs	4m - 3; 5m-2
16	Sole board	50 pcs	
17	Wheelbarrow	2 pcs	<b>Optional</b>
18	bucket	5 nos	
19	Ring Wrench	20 pcs	
20	Sliding Wrench	20 pcs	
21	Span Holder	20 pcs	
22	Measuring Tape	20 pcs	
23	Marker	20 pcs	
24	Tool belt	20 pcs	
25	Hammer	20 pcs	

26	Hand drill	10 pcs	
27	Marking Gauge	20 pcs	
28	Nail Puller	20 pcs	
29	Nail Punch	20 pcs	
30	Pliers	20 pcs	
31	Plumbob	20 pcs	
32	Trysquare	20 pcs	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
33	Helmets	20 pcs	
34	Safety Glass	20 pcs	
35	Ear Plug	20 pcs	
36	Leather Gloves	20 pcs	
37	Mask	20 pcs	
38	Safety Boot with Steel Toe	20 pcs	Different size ( to be bought by trainees - compulsory)
39	Hi-Visibility Jacket	20 pcs	
40	Hi-Visibility Jacket for Instructor	2 pcs	
41	White color helmet for Instructor	2 pcs	
42	Safety harness with double hook	20 nos	

**Trade: Electrician**  
**(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागी (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with PCC	1	<b>Minimum standard</b> - 70 sqm(without store) 2m*1.75m each person
2	Tools Box with padlock key	20 pcs	GI Sheet - 10"x12"x16" )
3	Plywood wiring Board	20 pcs	Size: 4'x4'
4	Steel Scale	20 pcs	Size : 1 m
5	Flat file (fine)	10 pcs	10"
6	Round file	10 pcs	10"
7	Measuring Tape	20 pcs	3 meter
8	Ball pin Hammer	10 pcs	200gm
9	Mason Hammer	10 pcs	1Kg
10	Concrete Chisel	10 pcs	8" or 10"
11	Hacksaw Frame	20 pcs	1'
12	Screw Driver	20 pcs	( - ) No. 2
13	Screw Driver	20 pcs	( - ) No.3
14	Screw Driver	20 pcs	(+) No.2
15	Flat nose Plier	20 pcs	6"
16	Side cutting Plier	20 pcs	6"
17	Combination Plier	20 pcs	6"
18	Wire Stripper	20 pcs	6"
19	Phase Tester	20 pcs	4"
20	Cable Knife	4 pcs	4"
21	Electrical Hand Drill Machine (Hamring)	4 pcs	1600 W
22	Electrical hand grinder	4 pcs	4" blade size
23	Metal Drill Bit	1 set	
24	Concrete Drill Bit	5 set	φ 6.5 mm
25	Clamp on Meter	4 pcs	Digital
26	Multimeter	4 pcs	Analog
27	Multimeter	4 pcs	Digital
28	GI Pipe cutter (Cutting wheel)	1 set	for demo
29	GI die set	1 set	for demo
30	Pipe vice/chain vice	1 set	for demo
31	Pipe wrench	1 set	for demo
32	Pipe bending machine	1 set	for demo
33	Aluminium Ladder	1 pcs	
34	Cable Tray set	2 pcs	1ft x 6ft
35	Spirit level	10 pcs	1'
36	Wire puller	2 nos	for demo
37	Bending spring	2 nos	Size : 19mm & 25 mm
38	SWG/Micrometer	2 nos	one each for demo
39	Crimping Tool	2 nos	Size : up to 25mm
40	Fire extinguisher	1 nos	
41	RCCB/RCBO (Material)	2 nos	Size : 16A-40A
42	Earth Tester	1 nos	

43	Cable duct narrow slot wiring type (Material)	2 nos	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
44	Helmets	20 nos	
45	Safety Goggles	20 nos	
46	Gloves	20 nos	
47	Safety Belt (Full body types)	1 nos	for demo
48	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
49	Hi-Visibility Jacket	20 nos	Small,medium,large
50	Hi-Visibility Jacket for instructors	2 nos	Small,medium,large
51	White color helmet for instructor	2 nos	



Trade: Plumbing (individual practice)			
संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with PCC	1 pcs	Minimum standard - 60 sqm (without store), 3sqm for each trainee (3x20=60 Sqm including workshop and demo area)
<b>Cutting tools</b>			
2	Hacksaw Frame	20 pcs	
3	Mitre-saw	2 pcs	
4	Wooden saw	10 pcs	
5	Circular saw	1 set	
6	Concrete Chisel	10 pcs	
7	Pocket knife	20 pcs	
8	GI, CPVC & PPR Pipe cutter	15 pcs	5 each
9	Cold chisel	2 pcs	(for demo only)
<b>Hammering tools</b>			
10	Motion Hammer	20 pcs	1kg
11	Spin hammer	5 pcs	(for demo only)
12	Ball pin hammer	5 pcs	(for demo only)
13	Cross pin hammer	5 pcs	(for demo only)
14	Claw hammer	2 pcs	(for demo only)
<b>Vice and wrenches</b>			
15	Pipe vice	20 pcs	
16	Chain vice	10 pcs	
17	Bench vice	20 pcs	
18	12",14",18",24" Pipe wrench	20 pcs	As per requirement
19	Adjustable wrench	20 pcs	
20	Screw driver of different sizes	20 pcs	( + & - )
21	Oil can	10 pcs	
22	Die set	20 pcs	
<b>File set</b>			
23	Round file	2 pcs	(for demo only)
24	Half round file	2 pcs	(for demo only)
25	Flat file	20 pcs	
26	Needle files	5 pcs	(for demo only)
27	Wooden file Rasp file	20 pcs	
<b>Measuring tools</b>			
28	Measuring tape	20 pcs	
29	Spirit level	10 pcs	
30	Plumb bob	10 pcs	
31	Marking tool	20 pcs	Different types
32	Back square	20 pcs	
33	Brush 4" 2"	20 pcs	
34	Tool Boxes	20 pcs	adjusted all necessary tools and equipment
<b>Heating tools</b>			
35	Heating plate	5 pcs	PPR - 5, PE - 2
36	Electric heater	2 pcs	
<b>Other Tools</b>			

37	Hand drill machine and concrete drill machine with drill bits	2 set	Drill bits - MS diameter 6.5, 8, 10, 12
38	Combination pliers	20 set	
39	Vice grip plier	5 set	(for demo only)
40	Nose pliers	5 set	
41	Ladder	2 set	
42	Die sets	20 set	Size : ½", ¾", 1", 1 ¼"
43	Allen key set	5 set	(for demo only)
<b>Equipment</b>			
44	Tap	20 set	
45	Pressure test pump	2 set	
46	Grinder	4 set	Size : 4"
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
47	Helmets	20 nos	
48	Safety Goggles	20 nos	
49	Gloves	20 nos	
50	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
51	Hi-Visibility Jacket/Full Apron with tool's space(Pocket)	20 nos	Small,medium,large
52	Hi-Visibility Jacket for instructors	2 nos	Small,medium,large
53	White color helmet for instructor	2 nos	

**Trade: Steel Fixture/ Bar Bender**  
**(for making ring individual practice, for others - 2 persons)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू	परिमाण २० जना सहभागीहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with RCC	1	<b>Minimum standard</b> - 90 sqm(without store) col - 2x2, ring - 1x1, 12 m rod
2	Block board	1 nos	3/4"x4'x8'
3	Hattha (Die)	20 nos	8, 10, 12, 16, 19mm
4	Egyptian die	10	
5	Wood for making die	5 nos	5"x5"x5'
6	Pickaxe	2 nos	
7	Steel shearing machine	1 set	
8	Hand drill machine	2 set	
9	Binding hook (Nipex)	20 nos	
10	Hacksaw	10 nos	
11	Hammer	20 nos (altogether)	2kg/1kg /.5kg
12	Iron cutting chisel	5 nos	different size (one for each group)
13	Wire cutter	20nos	
14	Grinding wheel	5 nos	8"
15	Grinding machine	2 set	
16	Working table	5 nos	3' x 6'
17	Measuring tape	20 nos	5/10 m
18	Mason thread	20 nos	
19	Plumb bob	20 nos	
20	Wire brush	20 nos	
21	Pipe level	5 nos	5 meter)
22	Try square	20 nos	8", 12"
23	Spirit level) "	20 nos	12" & 18 - (10 each)
24	GI Pipe- ½ "	6 meter	as per need
25	GI Pipe- 1"	6 meter	as per need
26	steel hammer	20pcs	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
27	Helmets	20 nos	
28	Safety Goggles	20 nos	
29	Ear Plug	20 nos	
30	Gloves	20 nos	
31	Mask	20 nos	
32	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
33	Hi-Visibility Jacket	20 nos	Small,medium,large
34	Hi-Visibility Jacket for instructors	2 nos	Small,medium,large
35	White color helmet for instructor	2 nos	

36	Safety harness	5 nos	
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**Trade: Welder**  
**(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with PCC	1	80 sqm (no store included) (4sqm*20person)
<b>Bench work</b>			
2	Work bench table	10 nos	
3	Bench vice	20 nos	
4	Flat file	20 nos	
5	Square file	20 nos	
6	Triangular file	20 nos	
7	Round file	20 nos	
8	Hacksaw frame	20 nos	
9	Center punch	20 nos	
10	Marking scribe	20 nos	
11	Steel ruler	20 nos	
12	Hammer	20 nos	
13	Drill bit	5 set	
14	Tool box with full tool set	20 nos	
15	Back square	20 nos	
<b>Arc Welding</b>			
1	Wire brush	12 nos	
2	Chipping hammer	10 nos	
3	Hand shield	10 nos	
4	Welding machine	10 nos	
5	Pedestal Grinding machine	1 nos	
6	Welding table	10 nos	
7	Hand grinding machine	5 nos	
<b>TIG (Tungsten Inert Gas) Welding</b>			
1	TIG welding machine	1 set	
2	Argon gas	1 cyl	
3	Argon regulator	1 nos	
4	Hose (pipe)	3 meter	
5	Tungsten electrode	5 nos	φ 2.4
6	Slide wrench	1 nos	12"

7	Welding table	1 nos	
<b>MIG (metal inert gas) Welding</b>			
1	MIG welding machine	1 set	
2	CO <sub>2</sub> Gas	1 cyl	
3	CO <sub>2</sub> Regulator	1 nos	
4	Hose (pipe)	3 meter	
5	MIG wire	1 nos spool	φ 0.8
6	Welding table	1 nos	
7	Side cutter	1 nos	
8	Flow meter	1 nos	
9	Anti spatter spray	1 nos	
<b>Gas Cutting</b>			
1	Flashback arrestor	1 nos	
2	Cutting torch	1 nos	
3	Oxygen gas	1 Cyl.	
4	Oxygen regulator	1 nos	
5	Acetylene regulator	1 nos	
6	Acetylene generator / cylinder	1 nos	
7	Welding table	1 nos	
8	Hose (pipe)	10 meter	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
1	Leather gloves	20 nos	
2	Welding helmet	1	for demo
3	Leather apron	20 nos	
4	leather footslip & hand slip	1 pair	for demo
5	1 automatic helmet for demo	1	for demo
6	Mask	20 nos	
7	Ear Plug	25 nos	
8	Safety helmet	20 nos	
9	Safety goggles (white)	20 nos	
10	Safety Boot with Steel Toe	20 set	Different size ( to be bought by trainees - compulsory)
11	Welding Face Shield	20 nos	
12	White color helmet for Instructor	2 nos	

**Trade: Painter**  
**(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Working space for painting - wall	as per the space	140 sqm minimum (no store included) 12ft*42ft
2	Brush - different sizes and types	120 pcs	Sizes: 4",3", 2" and 1"
3	Cutting blade	20 pcs	
4	Spray Gun with compressor set	4 set	1 for each group
5	Emulsion roller	40 pcs	
6	Enamel roller	40 pcs	
7	Bucket	20 pcs	
8	Measuring tape	20 pcs	5 meter
9	Hanger	10 pcs	
10	Aluminum ladder	4 pcs	
11	Grinding machine	4 pcs	Grinding machine sand paper: 40pcs
12	Drum	5 pcs	
13	Rope	100 pcs	to make bamboo scaffold
14	Tubular pipes for scaffolding or Bamboo	10 pcs bamboo	For scaffolding 30 pcs of different size to make scaffold
15	Paris blade (Patta)	20 pcs	Different size and type
16	Putting blade(Patta)	44 pcs	
17	Wire brush	20 pcs	
18	Scarer (painting model)	1	
19	Broom	10	Different kinds
20	Sand paper	As per requirement (approx. 200pcs)	
21	Roll metal sand paper	15m	
22	Cloth	60 m	
23	Hand Towel	10 pcs	
24	Glue tape	20 pcs	
25	Dustbin	4 pcs	
26	Color tray	20 pcs	
27	Mixture	2pcs	
28	Dustbin	2pcs	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
29	Helmets	20 nos	
30	Safety Goggles	20 nos	
31	Ear Plug	20 nos	
32	Gloves	20 nos	

33	Mask	20 nos	
34	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
35	Hi-Visibility Jacket	20 nos	Small,medium,large
36	Hi-Visibility Jacket for instructors	2 nos	Small,medium,large
37	White color helmet for instructor	2 nos	
38	Safety belt/harness	5 nos	



**Trade: Aluminum Fabricator**  
**(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments ) work in pair	परिमाण २० जना सहभागिहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with PCC	1	80sqm (no store included)
2	Measuring tape	20 pcs	
3	Try square	10 pcs	
4	Haxo frame	10 pcs	
5	Haxo blade	20 pcs	As per need
6	Flat file	10 pcs	
7	Round File Bench vice	10 pcs	
8	(-) Screw driver	10 pcs	
9	(+) Screw driver	10 pcs	
10	Rivet gun	10 pcs	
11	Silicon gun	5 pcs	
12	hand drill machine (clockwise & anticlock wise, with battery charger)	5 pcs	
13	Punching machine	1 pcs	
14	Circular saw machine	1pcs	
15	Combination plier	10 pcs	
16	Bevel protractor	5 pcs	
17	Spirit level	5 pcs	
18	Plumb bob	10 pcs	
19	Water level	2 pcs	
20	Jigsaw	2 pcs	
21	Board cutter	2 pcs	
22	Spanner set	4 set	
23	Toolkit box	10 pcs	
24	Glass cutter	2 pcs	
25	Gasket fixing roller for fly-mesh	2 pcs	
26	Ramo (concrete chisel)	2 pcs	demo
27	Router machine & bits	1 pcs	
28	Brush	1 pcs	for cleaning
29	Hand Grinder	1 pcs	
30	Bench grinder	1 pcs	optional
31	Marble cutter	1 pcs	demo
32	Hand drill machine for concrete	2 pcs	
33	Work bench	2 pcs	4ft*8ft
34	Glass catcher	2 pcs	
35	Drill bits for concrete		As per need
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
36	Helmets	20 nos	
37	Safety Goggles	20 nos	
38	Ear Plug	20 nos	
39	Gloves	20 nos	
40	Mask	20 nos	
41	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
42	Hi-Visibility Jacket	20 nos	Small,medium,large
43	Hi-Visibility Jacket for instructors	2 nos	Small,medium,large
44	White color helmet for instructor	2 nos	
45	Safety harness	5 nos	

**Trade: Kitchen Helper/ General Cook**  
**(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागी (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop - Kitchen set-up	1	Minimum standard 70 sqm (Each person 3sqm , 20*3=60 sqm and 10 sqm extra area for washing)
2	Storage room	1	adequate space for storage
2	Duster	5	
3	Wiper	5	
4	Sponge	5	
5	Liquid Soap/Detergent	1 litre	
6	Green Pad	10	
7	Steel Wool	10	
8	Sanitizer	1 litre	
9	Liquid Hand Soap	1	
10	Towel	12	
11	Dryer	5	
12	Paper Towel	3 pkts	
13	Big Bowl	10	
14	Chiller	2	
15	Microwave	2	
16	Microwave friendly utensils	5 set	
17	Tongue	5	
18	Grill pan	5	
19	Basting brush	5	
20	Griller	5	
21	Fry pan	5	
22	Deep fryer	2	
23	Hot case	5	
24	Thermometer	2	
25	Gas range	5	
26	Knives	5 set	
27	Peeler	5	
28	Chopper	5	
29	Scooper	5	
30	Soup bowl	12	
31	Roasting pot	5	
32	Lifting knife	5	
33	Aluminum foil	2 roll	
34	Butter paper	2 roll	

35	Oven gloves	5 set	
36	Oven tray	2	
37	Stock pot	5	
38	Steamer	5	
39	Chef Cap	22	
40	Apron	22	
41	Gloves	22	
42	safety boot	22 pairs	
43	Safety mask	22	

**Tile & Marble Fitter  
(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop PCC	1	Minimum standard - 150 sqm (2.5m*2.5m work area for 1 participant + mortar mixing area), no storage area included)
2	Measuring tape	20 nos	
3	Trowel	20 nos	
4	Plumb bob	20 nos	
5	Tile cutter -5 ; Marble cutter - 5	10 nos	
6	Hammer	20 nos	1 kg
7	Try square	20 nos	
8	Level pipe	10 nos	3 m
9	Shovel	5 nos	
10	Spot board	10 nos	
11	Bucket	10 nos	
12	Brush	20 nos	2", 4"
13	Wire brush	10 nos	
14	Line and pin	20 nos	
15	Spirit level	20 nos	
16	Float	20 nos	
17	Hawk	20 nos	
18	Pointed hammer	20 nos	
19	Bolster	10 nos	
20	Straight edge	20 nos	
21	Grinding stone	20 nos	
22	Tiling trowel	20 nos	
23	Builder square	5 pcs	
24	Alumunium straight edge	20 pcs	
25	C - clamp	5 pcs	for demo only
26	Hand grinder machine 4"	5 pcs	
27	Grinder wheel	10 pcs	
28	Cube Box	4 pcs	
29	Pan	4 pcs	
30	Can Bucket	4 pcs	
31	Abney Level	4 pcs	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
32	Helmets	20 nos	
33	Safety Goggles	20 nos	
34	Ear Plug	20 nos	

35	Gloves	20 nos	
36	Mask	20 nos	
37	Safety Boot with Steel Toe	20 nos	Different size ( to be bought by trainees - compulsory)
38	Hi-Visibility Jacket	20 nos	Small,medium,large
39	Hi-Visibility Jacket for instructors	2 nos	Small,medium,large
40	White color helmet for instructor	2 nos	
41	Safety harness	5 nos	

**Trade: Garment Machine Operator  
(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागिहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop with PCC	1	Minimum standard 70 square meter (3.5sqm for each trainees)
2	Electrician Iron	2 pcs	
3	Iron table	2 pcs	
4	Cutting table	1 pcs	40 sq.ft (10*4 ft)
5	5 thread Overlock	2 pcs	
6	Single needle Juki Machine	20 pcs	
7	Double needle Juki Machine	1 pcs	Demo
8	Flat lock Machine	1 pcs	Demo
9	Scissor Big	2 pcs	
10	Bobbin	60 pcs	
11	Bobbin Case	20 pcs	
12	Needle of different types	10 packet	Single Niddle DB×1 and Overlock DC×1 (as per the requirement of the feeddog)
13	Ruler	4 pcs	
14	Thread Cutter	22 pcs	
<b>व्यक्तिगत सुरक्षात्मक उपकरणहरू (Personal Protective Equipment)</b>			
15	Apron	20 pcs	
16	Head Cap	20 pcs	
17	Mask	20 pcs	

**House keeping/Cleaner  
(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागी (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop - Bedroom -2, bathroom, office set	Model rooms	Clean and spacious minimum standard 2 Bedrooms, 1 office room (16sqm)*3 Toilet normal - (3.25sqm) With tub - (9.5sqm)
2	Store room	१	Adequate space to store tools ,equipment and materials
<b>Bed Content</b>			
1	Double Bed	1 nos	57"*78"
2	Twin Bed	1 set	37"*78"
4	Bed Mattress according to bed sizes	3 nos	for 1 double bed ; 1 set for twin bed
5	Bed Sheet (white)	20 nos	5 double and 15 single size
6	Blanket	3 nos	1 double and 2 single size
7	Pillow and pillow case	8 nos	4 each
8	Bed Cover/ Night Spread	3 nos	1 double and 2 single size
9	Runner	1 set	Stock - bedsheet, blanket, pillow, pillow cover
10	Mattress protector	3 nos	
<b>Night Table</b>			
11	Ashtray with Match Box	2 nos	
12	City telephone directory	2 nos	
13	Telephone Set	2 nos	
14	Note pad with pencil /pen	2 nos	
15	Night Table	2 nos	
16	Writing Table	2 nos	
<b>On Top</b>			
17	Service Directory	2 nos	
18	Room Service Menu	2 nos	
<b>Inside Drawer</b>			
19	Writing pad	2 nos	
20	Envelope	4 nos	
21	Post Card	4 nos	
22	Pen/Pencil	4 nos	
23	Guest Comment Card	2 nos	
24	Candle with Holder	2 nos	
<b>Dressing Table (On Tab )</b>			

25	Thermos	2 nos	
26	Water boiler with tea cup	1 set	1 set for each room
27	Sewing kits	2 nos	1 double and 1 single size
28	Glasses	4 nos	
29	Lounge Chair - 4 and Table - 2	6 nos	
30	Magazines)	2 set	
31	Closet/Wardrobe	2 set	
32	Hangers	6 nos	
33	Laundry List	2 nos	
34	Laundry Bag	4 nos	
35	Extra Pillow	2 nos	
36	Extra Blanket	2 nos	
37	Shoe Mitt	4 nos	
38	Safety Deposit Box	2 nos	
39	Slippers	4 set	
40	Mirror	2 nos	
41	luggage rack	2 nos	
42	Water bottle	4 nos	4 Double room and 2 twin room
<b>Bathroom</b>			
43	Bath Towel	4 nos	
44	Face Towel	4 nos	
45	Hand Towel	4 nos	
46	Mirror Side / Wash Basin	2 nos	
47	Shower Curtain	2 nos	
48	Ashtray with Match Box	2 nos	
49	Candle with Holder	2 nos	
50	Glasses	4 nos	
51	Hair Dryer	2 nos	
52	Dust Bin	4 nos	
53	Shower Cap	4 nos	
54	Bath Mat	2 nos	
55	Shampoo, conditioner	8 set	
56	Sanitary bags	2 nos	1 for each room
57	Tray	2 nos	
<b>Entrance Door Knob</b>			
58	Do Not Distrub Card	2 nos	
59	Breakfast Order Card	2 nos	
60	Please Clean My Room Card	2 nos	
61	Please Collect My Laundry Card	2 nos	
<b>Office set-up</b>			
62	Office Table	1 nos	
63	Chair	2 nos	
64	File rack	1 nos	
65	Phone set	2 nos	1 for room and 1 for bathroom
66	Flower vase	1 nos	
67	Computer, printer	1 nos	Optional
<b>Cleaning Work</b>			
68	Floor Master Key	2 वॉर्क	
69	Trolley with full equipments - above mentioned towel set, bedsheet, pillow cover and linen hamper	2 वॉर्क	



70	Harpic, colin, brasso, floor duster, glass duster, scrubber, dis-infectant (dettol, room spray) , carpet brush dust pan, toilet paper, disposal bag, tissue paper , grouting brush, toilet bowl brush , KD box , waste bag	2 set each	
71	vaccum cleaner	2	
72	Iron/board	2	
73	Apron, gloves	20	
74	Mop trolley , waiper	1 nos each	

**Trade : Waiter/Waitress**  
**(individual practice)**

संख्या	आधारभूत आवश्यक औजार र उपकरणहरू (Basic required tools and equipments )	परिमाण २० जना सहभागीहरूको लागि (Qty for 20 participants)	कैफियत (Remarks)
1	Workshop - restaurant with bar set-up	1	50 sqm
2	Table set	५	(square - 2 ( 2 seat, 4 seat), round - 1, rectangular 1 set each)
3	Butter knife	5 set (20 pcs)	
4	Dessert spoon	5 set (20 pcs)	
5	Starter knife	5 set (20 pcs)	
6	Tea pot,Milk pot, sugar pot ,coffee pot	5 sets	5 set for each type of pot
7	Suger tong	10 Pcs	
8	Tea spoon	5 set (20 pcs)	
9	Demi tass spoon & cup	5 set (20 pcs)	
10	Starter fork & knife	5 set (20 pcs)	
11	Soup spoon	5 set (20 pcs)	
12	Side plate	5 set (20 pcs)	
13	Dinner plate	5 set (20 pcs)	
14	Tea/coffee cup	5 set (20 pcs)	
15	Cup saucer	5 set (20 pcs)	
16	Soup bowl	5 set (20 pcs)	
17	Water globlet	5 set (20 pcs)	
18	Hi-ball-glass	5 set (20 pcs)	
19	Beer globate /Pilsner	5 set (20 pcs)	
20	Wine glass-red wine glass, White wine glass	2 set	20 pcs each set
21	Tequila glass	2 set each	20 pcs each set
22	Cocktail glass	2 set each	20 pcs each set
23	A'la carte'menu	5 pcs	
24	Table d'hote menu	5 pcs	
25	Round tray	4 pcs	
26	Square tray	4 pcs	
27	Round tray mat	4 pcs	
28	Square tray mat	4 pcs	
29	Wine opener/ Multipropose opener	5 pcs	
30	Water mug	6 pcs	
31	Chairs	20 pcs	size of 36"
32	Side Table	1 pcs	
33	Table cloth	6 pcs	
34	Slip cloth	6 pcs	