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Training Organization Guide (ToG)

For

TVET CERTIFICATE I in INTERIOR DESIGN

JUNE 2023

Participants

S/N	Names	Institution	Position
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5.	Ange Faith Ngereje	Contructors and services company	Senior Designer
6.	Dieudonne Kwihangana	Global ambition supply and consultants ltd	Senior Designer
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Part 1: pedagogical organization

1. Presentation of the training programme

1.1. Qualification

This qualification prepares individuals to integrate the construction industry with the professionalization of interior design; it also offers the opportunity to execute the works as craftsman; to execute interior works such as **CAD Technician, Interior Decorator, Model Maker, Upholstery Technician, Door and Window Pattern Design Technician and Partitioning Technician**; assist senior interior design while ensuring that safety, security and environmental regulations are respected.

The areas of intervention of this occupation are focused typically on interior finishing by improving the craftsmanship, aesthetics and functionality of the interior space. This contributes to the improvement of interior health and comfort, space planning and performance, and therefore the national economy.

1.2. Minimum Entry requirements

The minimum entry requirement to this course is:

- To have succefully completed TVET Certificate III in Interior Design
- Recognition of prior learning related and equivalent to TVET Certificate III in Interior Design

Pathways into the qualification

Preferred pathways for candidates entering this qualification include:

- To have succefully completed TVET Certificate III in Interior Design
- Recognition of prior learning related and equivalent to TVET certificate III in Interior Design

Pathways from the qualification

Progression route of candidates achieving this qualification include:

- TVET Certificate V in Interior Design
- A range of other related TVET Certificate V qualifications

2. The training program

2.1 Information about competencies

No	Code	Complementary competencies	Credit
1	CCMDB401	Develop business plan	3
2	CCMEN401	Use intermediate english at workplace	3
3	CCMCS401	Apply computer skills	3
4	CCMCL401	Comply with Citizenship values	3
5	CCMKK402	Kutumia Kiswahili katika mawasiliano ya kawaida	3
6	CCMFT401	Pratiquer l'activité de communication en français dans le métier	3
7	CCMKN401	Gukoresha Ikinyarwanda cy'umunyamwuga	3
Total			21

No	Co-Curricular activities	Credit
1	**Sports/Clubs**	**1**
2	**Self-study/Library Reasearch**	**1**
Total		2

3

	No	Code	Core competencies	Credit
GENERAL	1.	GENFA402	Apply Fundamental Mathematical Analysis	6
	2.	GENAC402	Apply basic knowledge of organic chemistry	3
	3.	GENMP402	Apply mechanics and properties of matter	4
	4.	INDCM401	Manage contract	4
	5.	INDSA401	Perform Interior Space Assessment	3
	6.	INDSM401	Comply With Interior Space Safety Measures	3
SPECIFIC	7.	INDBP401	Build Partitions	8
	8.	INDCR401	Perform CAD Rendering	9
	9.	INDCS401	Produce Drawings Using CAD Software	10
	10.	INDDW401	Fabricate Doors and Windows	10
	11.	INDID401	Perform Interior Decoration	8
	12.	INDMM 402	Make Interior Design Model	6
	13.	INDUP401	Apply Upholstery Techniques	10
	14.	INDIW401	Integrate the workplace	23
	Total			107

3. Human resources

3.1. Trainers' qualifications and competences (Trainers' profile)

No	Modules	Qualification	Field or training experience	Technical teaching experience	Languages skill	ICT skills.
1.	**Apply lighting design concepts**	Bachelor's degree (A0) holder in lighting Design, Electricity or Creative Design	No experience Portfolio showcasing work and accomplishments in lighting design is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing - Lighting design software

		Advanced diploma (A1) in electricity	1 year working experience Portfolio showcasing work and accomplishments in lighting design is an added advantage	- 1 year of experience in teaching - Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing - Lighting design software
2.	**PRODUCE DRAWINGS USING CAD SOFTWARE**	Bachelor's degree (A0) holder in Architecture, Engineering or Creative design	No experience Portfolio showcasing works and accomplishments in producing drawing using CAD software is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing - Proficiency in using CAD software such as AutoCAD, Sketchup ArchiCAD, SolidWorks, Revit, or other industry-standard programs
		Advanced diploma (A1)	1 year working experience	1 year of experience in	- Fluent in English	- Microsoft Word

		in Civil Engineering or Construction	Certifications in CAD software and drafting principles is an added advantage	teaching Training on pedagogy (CBT&CBA) or training in field	- French and/or Kiswahili is an added advantage	- Microsoft Excel - Microsoft PowerPoint - Internet browsing - Proficiency in using CAD software such as AutoCAD, Sketchup ArchiCAD SolidWorks, Revit, or other industry-standard programs
3.	**PERFORM RENDERING**	Bachelor's degree (A0) holder in Architecture, Computer graphics or Creative Design	No experience Portfolio showcasing work and accomplishments in perform rendering is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing - Proficiency in rendering software such as Autodesk 3ds Max, V-Ray, Revit, Lumion, or SketchUp or other industry-standard programs

		Advanced diploma (A1) in visual arts	1 year working experience Certifications in CAD software and drafting principles is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
4.	**FABRICATE DOORS AND WINDOWS**	Bachelor's degree (A0) holder in wood technology, Civil engineering	No experience Portfolio showcasing work and accomplishments in Fabricating door and window is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
		Advanced diploma (A1) in carpentry, woodworking or wood technology, welding	1 year working experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing

				field		
		Advanced diploma (A1) in Construction technology with A2 in Carpentry or Wood Technology	1 year working experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
5.	**MAKE INTERIOR DESIGN MODEL**	Bachelor's degree (A0) holder in Interior design, Architecture or Creative Design	No Experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
		Advanced diploma (A1) in Interior design	1 year working experience Certifications in model making, architectural representation, or	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing

			3D modelling is an added value	field		
		Advanced diploma (A1) in 3D modelling/rendering	1 year working experience Certifications in model making, architectural representation, or 3D modelling is an added value	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
6.	**PERFORM INTERIOR DECORATION**	Bachelor's degree (A0) holder in interior design, interior decoration	No experience Portfolio showcasing work and accomplishments in interior decoration is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing - Proficiency in using design software such as ArchiCAD, SketchUp, or other industry-standard programs

		Advanced diploma (A1) in interior design or interior decoration	1 year working experience Certifications in interior decoration, color theory, space planning, and aesthetics is an added value	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing - Proficiency in using design software such as ArchiCAD, SketchUp, or other industry-standard programs
7.	**APPLY UPHOLSTERY TECHNIQUES**	Bachelor's degree (A0) holder in Furniture design, textile design or interior design,	No Experience Portfolio showcasing work and accomplishments in applying upholstery is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
		Advanced diploma (A1) in interior design or Furniture design	1 year working experience	1 year of experience in teaching Training on pedagogy (CBT&CBA)	- Fluent in English - French and/or Kiswahili is an added	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing

				or training in field	advantage	
8.	**BUILD PARTITIONS**	Bachelor's degree (A0) holder in Architecture, Civil Engineering or Interior Design	No experience Portfolio showcasing work and accomplishments in building partitions is an added advantage	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
		Advanced diploma (A1) In construction, Interior design or Carpentry	1 year working experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing

9.	**PERFORM INTERIOR SPACE ASSESSMENT**	Bachelor's degree (A0) holder in interior design or architecture	No experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
		Advanced diploma (A1) In construction, Interior design or Civil Engineering	1 year working experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
10.	**MANAGE CONTRACT**	Bachelor's degree (A0) holder business administration, contract management, procurement or law	No experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing

11.	**COMPLY WITH INTERIOR SPACE SAFETY MEASURES**	Bachelor's degree (A0) holder in Interior design, Architecture or Civil Engineering	No experience	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing
		Advanced diploma (A1) In Interior design or Construction	1 year working experience Certifications in building codes, safety regulations, and interior space planning is an added value	1 year of experience in teaching Training on pedagogy (CBT&CBA) or training in field	- Fluent in English - French and/or Kiswahili is an added advantage	- Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Internet browsing

1. Material Resources

1.1. Category 1: Machines, equipment and accessories

1	**Computer**	• Computer: DESKTOP • Operating system: 64-bit Microsoft Windows 10. • RAM: 8 GB • Video Card: 1 GB GPU with 29 GB/s Bandwidth and DirectX 11 • compliant • Processor: Intel core i7-6500U CPU @ 2.5–2.9 GHz processor • Storage: 1TB HDD • Monitor resolution: 1920*1080 with true color • Pointing device: MS- Mouse compliant device	pc	31	1,400,000	Computer lab	**INDDW401** **INDSA401** **INDSM401** **INDCM401** **INDCS401** **INDMM402** **INDUP401** **IN** **DC** **R4** **00** **1**
2	**Camera**	• Effective Pixels (Megapixels) 24.3 million • Storage Media: SD SDHC SDXC • Shutter Speed :1/4000 to 30 sec. Bulb • Flash Sync Speed: Up to 1/200 sec. • Lens Aperture: Instant-return type • Self-Timer: 2, 5, 10, 20 sec.;	pc	2	950,000	Workshop	**INDSA401** **INDSM401**
3	**Surface planer**	• Planing width 510 mm 4-knife 510mm cutterblock • Total table length 2700 mm	Piece	1	6,000,000	Workshop	**INDDW401**

		• Feed table length 1350 mm • Max. chip removal 8 mm • Safety cutterhead Ø 125 mm, Z 4 • speed 4700 rpm • Motor 5,5 kW (7,5 PS) / 400 V • Planing fence tiltable 90°- 45° • Suction nozzle Ø 160 mm • Planer guard with protective profile					
4	**Miter saw**	• Dust Extraction Outlet: 27/36mm • Electric Brake: Yes • Max Compound Cut @ 45deg: 215 x 55mm (L), 215 x 35mm (R) • Max Miter Cut @45deg: 215 x 88mm • Miter Angle Range: 50°/60	Piece	1	600,000	Workshop	**INDMM 402** **INDDW401**
5	**Air compressor**	• Power:10HP, 380v, 15A, 50Hz, speed 1050r/min, grade of insulation B • Volume of flow : 0.9m3/min • Designed temperature : 80oc • Working pressure : 80Mp, • Cylinder 90mm3 • Volume of gas tank:500l • Speed:2900r/min 50Hz, 380V, Power:10, current:15A	Piece	1	600,000	Workshop	**INDMM 402** **INDBP401** **INDID401** **INDDW401**
6	**Jig saw**	• Max135mm, • 220-240v, 3.3A, 50-60Hz, 720W • No 800-2800/min • 211022G	Piece	5	250,000	Workshop/site	**INDMM 402** **INDDW401**

7	**Angle grinder machine**	• 180mm diameter of disc GA7020, 230-240v 9.6A, 50-60 Hz, 2200W, no 8500/min M14, • Number of load speed 8500rpm • Spindle size: M14 x 2mm • Includes diamond blade, lock nut wrench, side handle, wheelguard& kit box	Piece	5	350,000	Workshop/site	**INDDW401** **INDID401** **INDDW401**
8	**Portable drilling machine**	• Geared chuck, chuck key, side handle • Die cast aluminium gear housing • Maximum performance even in anti-clockwise rotation • Various speed (V) • Thumb wheel for pre-selection of speed • Two-speed gear unit • Metabo S-automatic torque limiting clutch • Clockwise and anti-clockwise rotation • Spindle with hexagonrecess for screwdriver bits • Rubber-coated handle • Twist- and slip-proof additionalhandle for even more • Cable-protecting ball spout whenworking • Auto-stop carbon brushes • Idle revolution : 0 - 1.000 / 0 - 3.100 /min • Output power : 450 W • Drill. cap. in steel/wood :13 / 40 mm • Power input 750 W • full load speed 600 / 1.800 1/min	Piece	5	250,000	Workshop/site	**INDDW401** **INDBP401** **INDID401**
9	**Portable**	• Carbide-equipped circular saw blade, ripping fence, • Allen key	Piece	5	250,000	Workshop/site	**INDDW401** **INDDW401**

	Circular saw machine	• Max. Cutting depthat : 45° 47 mm • Power input : 1.400 w • Cutting depth wood : 0 - 66 mm • Saw blade : 190 mm • Number of load speed : 4.200 /min.					
10	**Projector with accessories**	• Universal LCD Projector 3000 Lumens • Sharp, Clear Visuals: SVGA native resolution (800x600) for sharp views • Flexible Connectivity: Dual VGA-In connectors for easy switching between multiple presenters • DLP® Projector: Filter-free • DLP (Digital Light Processing)	pcs	1	2,000,000	Computer room/classroom	**INDCS401** **INDMM 402** **INDDW401** **INDCM401**
11	**printer (print/scan/copy)**	• Network compatible • Solid Ink colour multifunction printer • Print, copy, scan, email, optional fax • Colour: up to 44 ppm • Black: up to 44 ppm • Hi-Speed 2.0 USB port	pcs	1	1,000,000	Computer room	**INDCM401** **INDMM 402** **INDDW401** **INDSA401** **INDSM401** **INDUP401** **INDCS401**
12	**Belt sander**	• Sanding depth 800 mm • Table stroke 600 mm • Cranking depth 600 mm • Cranking height 210 mm • Roller diameter 240 mm • Electric table height adjustment	Piece	1	1,600,000	Workshop	**INDDW401**

		• Integrated exhaust fan with separate motor • 2 grinding belt speed 18 / 36 m/sec. • Right-left run • Sanding belt dimension 150 x 5750 mm • Table 700 mm extendable for bulky constructions like frames etc. • Rubber coated sanding shoe for minimum friction resistance • Motor 4,0 kW (5,5 HP) • Suction connection 2 x 120 mm • Dimensions L=3000,W=1500,H=1300 mm					
13	**Spindle molder / shaper-machine**	• Milling spindle tilts from -90° to +45° to the rear. • Cast iron table 1000 x 650 mm • Spindle Ø 30 mm • Spindle operating height 115 mm • Max. cutter block diameter 230 mm • Motor pole-changing 5,5 kW / 3x400 V • Speeds 3500/6500/8000/10000 rpm • Exchangeable milling spindle • Right-left rotation • Special integral stop • Electrical speed indicator • Milling fence with hold down system • luminum sliding table width 350 mm • Extension arm with stop, eccentric clamp • Hand wheels user-friendly at the front side	Piece	1	20,000,000	Workshop	**INDDW401**

		• Suction nozzle 2 x Ø 120 mm • Dimensions L=1750, W=1300, H=1150 mm					
14	**Air staple gun**	• Operating pressure: 60-100psi (4.1-6.8bar) • Air consumption: 0.4cfm per stroke • Uses type 71, 22 gauge staples, 8mm, 10mm & 12mm long • Magazine capacity: 180 staples • Capable of 120 shots per minute • Kit includes 2 Allen keys, lubricant and moulded case • Weight: 0.85kg • Recommended Air Pressure (bar) 4.1 - 6.8 • Nominal Air Consumption (cfm per stroke) 0.4	Piece	5	350,000	Workshop/Site	**INDMM 402** **INDUP401**
15	**Air nail gun**	• Drives F type (18 gauge) nails • Accomodates 15 to 64mm long nails • Max. magazine capacity approx. 100 nails • Air pressure requirement - 60 to 100psi • Dimensions 255 x 249mm • Supplied in a robust moulded case • Weight 1.4kg	Piece	5	400,000	Workshop/site	**INDDW401** **INDUP401**
16	**Spray guns**	• Gravity fed, Air pressure 30-50 psi, cup capacity 500ml, nozzle size ; 0.2 &1.2mm stainless steel,	pcs	30	45,000	Wood workshop	**INDMM 402** **INDDW401**
17	**5Mfolding**	• Packing size: 90*48*18cm	pcs	30	80000	workshops	**INDDW401**

	ladder	• Gross weight: 18kg • Material: 6063 aluminum alloy • Diameter of round pipe: 52~76mm • Wall thickness of round tube: 1.3~1.5mm • Step size: 40*27mm • Packing method: single thermal blister+carton					**INDSM401** **INDLD401** **INDBP401** **INDID401** **INDSA401**

18	**Security Camera**	• Video Input: 8 Channel • Resolution: 5mp • TV System: NTSC,PAL • PCS of Camera: 4PCS,8pcs • Cable Length: 18m • Model Number: MO3584PG • Brand Name: Movols Guard your home • Origin: Mainland China • Certification: CE,FCC,RoHS,pse • Smart home platform: Other • Compression: H.265 • Operating Conditions: -30° C to 50° C • 5.0MP POE: 2592*1944 • Waterproof Camera: IP66 Outdoor water-resistant • Alarm System: Motion Detection + Email Alert +APP Push • AI Camera: Human Body Motion Detection • Video Output: VGA / HDMI • Camera Lens: 3.6mm • P2P Remote View: Support Android and iPhone(iOS) • Hard Disk Drive (HDD): 1*SATA Port (support up to 4TB) • Two-way Audio Camera: Bulit in Microphone and Speaker • Power adapter plug type: EU/AU/US/UK for option • Language: Support multi languages • POE NVR: 8CH H.265 POE NVR Kit • FPS: 15	pcs	5	284000	workshops	**INDSM401**

19	**Folding Scaffolding**	• Working height. 4.08 m. • Scaffolding height. 3.18 m. • Platform height. 2.08 m. • Platform width. 750 mm. • Platform length. 1.8 m. • Load capacity. 1.5 kN/m2. • Weight. 84 kg. • Transport dimensions. 1900 x 1100 x 800 mm, 74 kg.	pcs	15	45000	workshops	**INDID401**
20	**Circular saw (table saw)**	• Cutting length 2500 mm • Cutting width 1300 mm • Cutting height(90°) 140 mm • Cutting height(45°) 90 mm • Saw blade 45° tilttable • Max. saw blade diameter 400 mm • Max. diameter rip saw blade 450 mm • Main saw blade speed 3000/4000/5000 rpm • Speed scoring saw blade 8000 rpm. • Motor 5,5 kW / 400 V • Sliding table profile width 800 mm • Cast iron machine table 548 x 896 mm • Table extension 320 x 830 mm • Table extension 890 x 950 mm • Suction nozzle 1 x 120 , 1 x 80 mm • Dimensions L=3200, W=3500, H=1500 mm	Piece	1	15,000,000	Workshop	**INDDW401** **INDDW401** **INDSM401** **INDSA401** **INDBP401**
21	**Thickness**	• Working width 504 mm • Min./max. planing height 3 / 300 mm	Piece	1	10,000,00	Workshop	**INDDW401**

	planer	• 4knife cutterblock, Ø 120 mm • Speed 5000 rpm. • Motor 5,5 kW / 400 V • Suction socket diameter 160 mm • Max. chip removal 8 mm • Feed rate 4-16 m/min • Electric table height adjustment • 2 finely adjustable rollers in the thicknessing table • Hand wheel with digital display for fine adjustment			0		
22	**welding machine**	• Dimensions: 108*72*97 • Focal Spot Diameter: 1064nm • Model Number: TSH1500 • Usage: metal welding cutting cleaning • Brand Name: JNHXSK • Origin: Mainland China • Max Output Power: 1500W • Model Number: TSH1500 • Rated Voltage: 220V • Wavelength: 1070nm • Laser power: 1000W 1500W 2000W 3000W • Wire feeder: Include • Fiber cable: 10m • Laser Source: BWT • Colling method: S&A Water Cooling • Function: Metal welding/Cleaning/Cutting • Laser type: Continue	piece	10	4000000	workshop	**INDDW401**

23	**Portable Router**	• Signal with dial gauge for fine • Adjustment, fine adjustment parallel edge guide, • Suction connection piece, open-ended spanner • Power input : 1200 W • Number of load speed : 5.000 - 25.500 /min • Spindle stroke : 50 mm	Piece	5	500,000	Site/workshop	**INDDW401**
24	**sewing machine**	• Condition: New • Weight: 2/2.5/3KG • Overall Dimensions: As the picture shows • Power: 6/7.2W • Stitch Length: 2/3MM adjustable • Max. Sewing Thickness: 2.5/1.2MM • Max. Sewing Speed: 350rpm • Model Number: Household Sewing Machine • Feed Mechanism: Walking Foot • Mechanical Configuration: Flat-Bed • Stitch Formation: Chain Stitch • Type: Household Sewing Machine • Brand Name: inne • Origin: Mainland China • Sewing Machine: Mini sewing machine • Sewing Machine Manual: Portable sewing machines • Foot for sewing machines: Domestic Sewing Machine	piece	10	70000	workshop	**INDUP401**
25	**smoke detector**	• Camera Equipped: No • State of Assembly: Ready-to-Go • Model Number: MS20081605	piece	5	30000	workshop	**INDSM401**

		• Compatibility: All Compatible • Brand Name: mumubiz • Origin: Mainland China • Wireless Connection: Zigbee • Transmission Frequency: 2 .4GHz • Working Voltage: 3V • Alarm Sound Pressure: more than 85dB (3m ahead) • Dimensions: 90mm*37mm • Power Supply: DC 3V (CR123A) • Installation: Bracket					
26	**Digital Sound Level Meter**	• Measurement Range: 30~130dB • Brand Name: NoEnName_Null • Origin: Mainland China • Certification: CE	piece	5	50000	workshop	**INDSA401**
27	**Flipchart stand**	• Writing surface format: 1000x700mm Minimum height:1110mm Maximum height:1910	pc	2	36, 000	• Workshop • Computer lab	**INDMM 402** **INDCS401**
28	**test meter**	• DIY Supplies: ELECTRICAL • Brand Name: UNI-T • Origin: Mainland China • Certification: CE	piece	5	40000	workshop	**INDLD401**
29	**gooseneck webbing stretcher**	• Weight: 3 lbs • SKU : Osborne No. 253 Gooseneck Webbi • Manufacturer: C.S. Osborne	piece	30	40000	workshop	**INDUP401**

30	**vacuum cleaner**	• Function: wet-dry • Container Capacity:60 litres • Input Power:3000 watt • Suction Power:250mbar • Surface Recommendation:hard floor cleaning ,surface cleaning • Air Flow:110l/s • Noise Level:70dB • Included Components: vacuum mop, sweeping brush • Voltage: 220-240V | 50Hz • Operation Mode: semi automatic • Warranty: 1year • Color: orange • Weight:22.5kg • Dimension: 54*56*59cm • Container Material:stainless steel	piece	5	40000	workshop	**INDID401**
31	**voltage regulator**	• is_customized: Yes • Output Current: 0-10A • Output Frequency: 50Hz/60Hz • Model Number: SPS-W3010 BLACK • Output Type: single • Output Power: 201 - 300W • Origin: Mainland China • Certification: CE,FCC • Features1: dc power supply adjustable	piece	5	270000	workshop	**INDLD401**

		• Features2: 30V 10A 300W • Features3: variable power supply • Features4: digital power supply • Features5: dc power supply adjustable • Features6: laboratory power supply • Features7: power supply led • Features8: Voltage stabilizer • Features9: bench source 30v 10a • Features10: Voltage regulator • Features11: power regulators • Features12: Laboratory power supply 30v 30a • Features13: bench power 30v 10a • Features14: Power supply for pc • Features15: Voltage stabilizer • Features16: bench power 30v 10a • Features17: Bench power supply • Features 18: power supply 30V 10A • Features 19: power supply 60V 5A • Features 20: Lab power supply					
32	**chain mortiser**	• Manufacturer: RGA • Type: SM 400 • Upper head rotatable by 45° • Support can be swiveled by 45° • Engine: 2.2kw • Mortise depth: 150mm	piece	1	1000000	workshop	**INDDW401**

		• Incl. chain set • Year of construction: 1985					
33	**light control equipment**	• Model Number: 1 Way Wireless Remote Control • Compatible Brand/Model: None • Brand Name: SZEKS • Origin: Mainland China • Condition: New • Is Customized: Yes	piece	5	40000	workshop	**INDLD401**
34	**digital light meter**	• Model Number: UT383 • Brand Name: UNI-T • Certification: CE • Origin: Mainland China	piece	5	40000	workshop	**INDSA401**
35	**Laser cutting and engraving machine**	• Application :Laser Engraving • Applicable Material: • Acrylic, • Crytal, • Glass, • Leather, • MDF, • Paper, • plastic, • Plexiglax, • Plywood, • Rubber,	piece	2	780000	workshop	**INDMM 402**

		• Stone, • wood • Engraving Area: 400mm*600mm • Laser Type: Fiber Laser • Engraving Speed: 0-500mm/s • Graphic Format Supported: AI, PLT, DXF, BMP • Condition: New • CNC or Not: No • Cooling Mode: WATER COOLING • Place of Origin: China • Laser Source Brand: II-VI • Weight (KG): 80KG					
36	**fire extinguishers**	• Encryption: No • Package: Yes • Material: Silicone • Model Number: fire extinguisher • Product Type: Multifunctional • Interface Type: USB 2.0 • Brand Name: BiNFUL • Origin: Mainland China • Product Weight: 9G • Style: Animal,Bottle/Can,Bracelet,Bullet,Car Key,Card,Finger,GUITAR,Lanyard,NECKLACE,Pen,Rectangle,Robot, Stick • Time to market: 2018 Year	piece	5	30000	workshop	**INDSM401**

37	**foam cutter/ electric knife**	• Blade Material: Stainless Steel • Model Number: FC • Power Source: AC • Rated Voltage: 110V/220V • Brand Name: KS EAGLE • Origin: Mainland China • Certification: CE,RoHS	piece	30	40000	workshop	**INDUP401**
38	**environmental sensor**	• Model Number:WAS1000 • Type:Agricultural station • Place of Origin:Beijing, China • Brand Name:Tsingsense • Theory:Platinum resistor and EMP • Output:RS485 • Usage:Humidity Sensor • Operating Voltage:9V~36VDC • Soil humidity range:0-100%RH • Soil temperature range:-50 ~+80degrees • Output interface:RS485 and GPRS • System power consumption: 0.2W • Reliability:Mean time between failures (MTBF), design value 8500h	piece	5	40000	workshop	**INDSA401**
39	**Electric Screw driver**	• Drill Type: Impact Drill • Usage: Home DIY • Certification: CE • No-Load Speed: 1600rpm	pcs	5	250000	workshop	**INDDW401**

		• Power Source: Battery • Frequency: 50/60HZ • is_customized: Yes • Rated Torque: 45N.M • Model Number: OT-ED-4805 • Max. Drilling Diameter: 10MM • Weight: 1.2-2.5KGS • Rated Voltage: 21V • Application: Drilling in Steel Wood Ceramic • Rated Input Power: 340W • Special Features Special design: To Keep Bits Together, Powerful Motor, LED Worklight • Battery: 1 Lithium Ion Battery Pack required (included) • Drill Types: Electric Drill/Cordless Drill/Battery Drill/ Impact Drill • The Rated Input Voltage: 110-220V AC 50-60HZ • Low Speed: 0-400 r/min • High Speed: 0-1600 r/min • Battery Capacity: 1.5Ah • Style: Multifunctional Screwdriver / Cordless Screwdriver • Max. Drilling Diameter: Steel products 10MM wood 30MM • Torque Settings: 18+3 Settings(Impact Function) • Charge Time: About 1.5 Hours • Feature 1: Hammer Drill,Impact Drill, Impact Screwdriver • Feature 2: Impact Cordless Drill, Drill Hammer • Feature 3: Impact Drill Cordless, Impact Drill Screwdriver • Feature 4: Impact Wireless Screwdriver, Hammer Electric • Feature 5: Hammer Power Tools, Drill Impact •					

1.3. Category 3: Tools

No	*Tools*	*Specification*	***Unit of measurement***	***Quantity***	*Unity price*	*Type of room*	*Module code*
	Steel Ruler	Lufkin LSR300 Precision Stainless Steel Ruler, 300mm Double-Sided Scale, with Metric and Imperial Markings	Items	31 items	**RWF 7,000**	• Class room • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401

	Pencils	Rotring 1904257 Rapid PRO Mechanical Pencil, 0.7 mm, Matte Black	Items	31	**RWF 16,000**	• Class room • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
		Rotring 1904257 Rapid PRO Mechanical Pencil, 0.5 mm, Matte Black	Items	31	**RWF 16,000**	• Class room • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDBP401 INDID401
		Staedtler Mars Lumograph Pencil 2h - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing	INDMM402 INDSA401

						room	
		Staedtler Mars Lumograph Pencil HB - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing room	INDMM402 INDSA401
		Staedtler Mars Lumograph Pencil 2B - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing room	INDMM402 INDSA401
		Staedtler Mars Lumograph Pencil 6B - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing room	INDMM402 INDSA401
	Ink pen	STAEDTLER Pigment Liner Bonus Sketch Set of 6 Liners for the Regular Price of 4(2 free), 308 SB6P	Box	10	**RWF 28,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401

							INDLD401 INDBP401 INDID401
	Leads	Pentel® Super Hi-Polymer® Leads, 0.5 mm, HB, 30 Leads Per Tube, Pack Of 3 Tubes	Box	31	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
		Pentel® Super Hi-Polymer® Leads, 0.7 mm, HB, 30 Leads Per Tube, Pack Of 3 Tubes	Box	31	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401
	T-square	Westcott. 12"/30cm Junior T-Square Material: Plastic Brand: Westcott Color: Clear, plastic	Box	31	**RWF 12,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401

	Eraser	Prismacolor Premier Kneaded Rubber Eraser, Medium, 1 Pack Brand: Prismacolor Color: Grey Point Type: Medium Unit Count: 1.0 Count	Item	100	**RWF 2,500**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Bristol Paper	Artway Studio - Acid Free A1 Cartridge Paper for Drawing - Ideal for Dry Art Applications - 170gsm - A1 (100 Sheets)	Package	10	**RWF 127,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401

	Tracing paper	Claire Fontaine - Ref 975094C - Tracing Paper Pad (50 Sheets) - A2 Sized, 90/95g, High Transparency, Smooth Surface, Acid Free, Printable - Suitable for Ink, Marker & Pencil	Rolls	31	**RWF 16,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Nomograph	Standard monograph Architectural Templates are made of transparent plastic and include a broad range of drafting symbols for floor/work plans, garden planning, house furnishing, sanitary objects/installation and map making. • 7300 Architect's Combination Template I scale 1:50, with symbols for sanitary fittings, electrical installations, door	Pcs	10	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401

		openings, widths of windows, and code designations. Level and direction symbols. Dimensions: 225 x 125 x 1.2 mm.					
		• 7301 Architect's Combination Template II scale 1:50, with symbols for layouts of living/bed/dining rooms and kitchen furnishings. Outlines of insulating layers in 6 different sizes. Dimensions: 225 x 125 x 1.2 mm.	Pc	10	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
		• 7302 Architect's Combination Template scale 1:100, with symbols for layouts of living/bed/dining rooms, kitchen and sanitary fittings as well as	Pc	10	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401

		door openings in domestic construction. Level and direction symbols. Dimensions: 225 x 125 x 1.2 mm. •					
		• 7311 Architect - Garden Planning Scales 1:50 and 1:100. Dimensions: 260 x 130 x 1.0 mm.	Pc	10	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401
		• 7341 Architect Furniture Template scale 1:200, Symbols for furnishing layouts of living rooms, bedrooms and kitchens, as well as of sanitary fittings. Dimensions: 175 x 85 x 1.2 mm.	Pc	10	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401
			Pc	10	**RWF**	• Classroom	INDMM40

		• 7342 Architect Furniture Template scale 1:100, Symbols for furnishing layouts of living rooms, bedrooms and kitchens, as well as of sanitary fittings. Dimensions: 175 x 100 x 1.2 mm.			**15,000**	• Workshop • Drawing room	2 INDSA401 INDUP401 INDBP401 INDID401
		• 7343 Architect Furniture Template scale 1:50, Symbols for furnishing layouts of living rooms, bedrooms and kitchens, as well as of sanitary fittings. Dimensions: 300 x 150 x 1.2 mm.	Pc	5	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401

	• 7345 Architect Furniture Template scale 1:20, Symbols for furnishing layouts of living rooms, bedrooms and kitchens, as well as of sanitary fittings. Dimensions: 265 x 145 x 1.0 mm.	Pc	5	**RWF 15,000**	Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401
	• 7346 Template for sanitary fittings 1:20 scale: outlines of sanitary objects. Dimensions: 270 x 145 x 1.2 mm.	Pc	5	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401
	• 7348 Sanitary Installations I 1:50 scale 1:50 outlines, side faces and front views. Dimensions: 270 x 100 x 1.0 mm.	Pc	5	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401

		• 7349 Sanitary Installations scale 1:100, outlines, side faces and front views. Dimensions: 200 x 82 x 1.0 mm.	Pc	5	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401
		• 7358 Plan drawing II or surveyors' sketches and plans; symbols from 1.5 to 8 mm, graduation: 0.5 mm. Dimensions: 175 x 85 x 1.2 mm.	Pc	5	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401 INDUP401 INDBP401 INDID401
	Scale	Architectural Scale Ruler, Imperial Measurements 12'', Laser-Etched Aluminum Architect Triangular Ruler Black for Architects, Students, Draftsman, and Engineers by Mveohos Material: Aluminum	Pc	31	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401

		Brand: Mveohos Color: Black, White					INDBP401 INDID401
	Compass	Staedtler Comfort 2 Pc Metal Quick Setting 6" Compass Set, 552 01 • Compass 6" Metal, 2 pc Set Compass & Universal adapter, plus extra needle & leads. • Quick setting with push button mechanism & Center wheel • Hinged lead and needle legs • Interchangeable leads and needles • Comes in hard plastic case with hinged lid	Pc	31	**RWF 5,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Protractor	• 145mm stainless steel 180 protractor angle meter measuring ruler rotary mechanic tool ruler protractor	Pc	31	**RWF 2,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401

							INDUP401 INDLD401 INDBP401 INDID401
	Markers	• Teerwere Marker Pen 24 Colors Alcohol Markers Dual Tip Art Marker Pen for Architectural Design Advertising Rendering Marker Pens Highlighters (Color: White Pole, Size: 24 Colors)	Box	31	**RWF 25,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Masking Tape	• Butter yellow Basics Masking Tape, 0.7 Inch x 180 Feet - Pack of 3 Rolls	Items	50	**RWF 1,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401

							INDBP401 INDID401
	Cutting mat	US Art Supply 36" x 48" GREEN/BLACK Professional Self-Healing 5-Ply Double Sided Durable Non-Slip PVC Cutting Mat Scrapbooking, Quilting, Sewing Arts & Craft	Pc	31	**RWF 145,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Tailor's Tape measure	• Body Measuring Ruler Sewing:Length,1.5m • Tailor Tape Measure Mini Soft Flat :Length,1.5m • Ruler Centimeter Meter Sewing • Length,1.5m • Measuring Tape Random Color	Item	50	**RWF 500**	• Workshop	INDUP401

		Length,1.5m					
	Setsquare	• Clothes sample scale setsquare grading ruler clothes scale Multifunctional proportion ruler Detail Size is 205mm*115mm	Item	31 items	**RWF 3000**	• Workshop	INDUP401
	Sewing Needles,	• 9 PCS Large Eye Blunt Sewing Needles Cross Stitch Knitting Needle Handmade Leather Embroidery Thread Needle Sewing Accessories Material: stainless steel Size: Style-9pcs:1.25 x 52mm	Item	31 items	**RWF 2500**	• Workshop	INDUP401 INDID401

		• Hot 25Pcs/lot Stainless Steel Large Eye Sewing Needles Sewing Pins Tools Set Home DIY Crafts Household Sewing Accessories Material: stainless steel Size: Style-9pcs:1.25 x 52mm	Item	31 items	**RWF 1500**	• Workshop	INDUP401 INDID401
	Assorted curved needles	• 50pcs C Type Curved Mattress Needles Hand Sewing Home Household Repair Sewing Needles	Box	31 boxes	**RWF 2000**	• Workshop	INDUP401 INDID401
		• 12Pcs J TYPE Weaving Needle Hook /Sewing Needles For Human Hair Extension Hair Weaving Knitting Tool	Box	31 boxes	**RWF 2000**	• Workshop	INDUP401 INDID401
		• 24 pcs/bag Large 9cm 6cm C Shape Curved Needles Wig	Box	31 boxes	**RWF 2000**	• Workshop	INDUP401 INDID401

		making crochet braids ventilating Hair weaving needle					
	Tailor’s Scissors	• ZOTOONE Scissors For Fabric 10inch Tailor's Scissors Stainless Steel Scissor Sewing Tool Clothing High-end Black Tijeras Costura • Length: 10inch • Thickness: 0.8cm • Material: Stainless steel0.8cm	Item	31 items	**RWF 6000**	• Workshop	INDMM402 INDUP401 INDID401
		• Senior Stainless Steel Professional Tailor Scissors Sewing Scissors Leather Fabric Cutter Scissors Sewing Shears Tools Supplies Length: 11.4cm Thickness: 5cm	Item	31 items	**RWF 6000**	• Workshop	INDMM402 INDUP401 INDID401

		Material: Stainless steel • Size: 5*11.4cmSize: 5*11.4cm					
	Beads	• Imitation Stone Round Acrylic Hole size: Approx 1.5mm-2mm in diameter	Box	31 boxes	**RWF 150**	• Workshop	INDMM402 INDUP401 INDID401
	Chalk line	Item Name: Chalk Line Material: Plastic Color: Yellow Length(about): 15.7cm Line length(about): 8m	Item	5 items	**RWF 20,000**	• Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Laser-meter	• Size: 20x10x10cm • Model Number: Reinforcement type • Measurement	Item	31 items	**RWF 50,000**	• Workshop	INDMM402 INDDW401

		Accuracy: ±2mm • Product name: Multifunctional Level • Product net weight: 132g • Product material: ABS plastic • Unit of measurement: m/in/ft • Laser type: 635mm≤1mW • Automatically turn off the laser time: 30 seconds • Automatic shutdown time: 180 seconds • Data storage: 20 groups • Continuous measurement: Support • Area measurement: Support • Volume measurement: Support • Pythagorean theorem measurement: Support					INDSA401 INDUP401 INDLD401 INDBP401 INDID401

		• Power display: Support • Working temperature: 0~40℃ • Storage temperature: -10~50℃ • Minimum scale: 1mm • Tape width: 19mm • Unit: Metric system • Tape material: 65 manganese steel • FOR 1: Laser Distance Meter • FOR 2: Laser Tape Measure • FOR 3: Digital Distance Meter • FOR 4: Digital Electronic Roulette • FOR 5: Stainless Tape Measure • FOR 6: Laser Tape Measure • FOR 7: Infrared Tape Measure • FOR 8: Range Finder Hunting					

		• FOR 9: Electronic Devices • FOR 10: Surveying Equipment • FOR 11: Digital Tape • FOR 12: Range Finder Scope • Apply 1: House survey • Apply 2: Length measurement • Apply 3: Height measurement • Apply 4: Road works • Apply 5: Bridge engineering • Apply 6: Outdoor sports • Apply 7: Geological Engineering • Apply 8: Railway engineering • Apply 9: Distance measurement • Apply 10: House acceptance • Apply 11: House acceptance • Apply 12: Electronic Rangefinder					

		•					
	Chisel	• Grade: Industrial • Warranty: 1 year • Tip Type: V Shaped, Beveled, Straight, Other • Type: Carving Chisel, Corner Chisel, Skew Chisel, Other, wooden chisel • Use: Carving, Woodworking • Usage: Woodworking • Blade Material: 60CRV • Application: Wood Work • Package: Wooden box • Advantage: Wear Resistance	Box	31 boxes	**RWF 40,000**	• Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Decameter (Long Tape measure)	• Material: ABS Plastic + PVC (fiberglass) • Color: Customized Color • Size: 10m 15m 20m	Item	31 items	**RWF 5,000**	• Workshop • Open Area	INDMM402 INDDW401 INDSA401

		• Blade Material: PVC • MOQ: 200 • Graduation: British-metric\metric\British				•	INDUP401 INDLD401 INDBP401 INDID401
	Tape measure	• Length: 2M, 3M, 5M, 8M, 10M • Size: 3m/10ft 5m/16ft 7.5m/25ft 8m/26ft 10m/33ft • Material: ABS & Stainless Steel, ABS & Plastic • Blade Width: 16mm, 25mm, 19mm • Blade Thickness: 0.10mm • Blade Material: 50 # first-grade strip steel • Measurement system: Imperial (Inch), Metric, Continuous metric	Item	31 items	**RWF 3,000**	• Workshop • Open Area	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401

		graduation, Metric graduation • Type: Rubber coat measure tape • Case material: ABS + Rubber • Hook: Steel Hook • Graduation: British-metric • Width: 13mm/16mm/19mm/25mm					
	Spades	• *Grade:* DIY, Industrial, Outdoor • *Warranty*: 1 year • *Handle Type*: D-Grip, Straight • *Blade Length*: 14 1/2IN • *Application:* Digging & Farming Shovel • *Color:* can be customized • *Head material*: Carton Steel • *Use:* For farming or snowing • *Weight of Head*: 0.9kg	Item	31 items	**RWF 3,000**	• Open Area	INDBP401

		• *Total weight*: 1.4kg					
	Plastering Trowel	• Grade: DIY, Industrial • Warranty: 1 Year • Trowels Features: SQUARED • Blade Length: 11IN • Blade Material: Carbon Steel Trowel • Handle Material: Plastic Handle • Size: 280x115mm • Material: Carbon Steel Blade • Blade Thickness: 0.7mm	Item	31 items	**RWF 2,500**	• Open Area	INDBP401
	Brick Laying trowel	• Grade: DIY, Industrial	Item	31 items	**RWF**	• Open Area	INDAT301

		• Trowels Features: Cornered, Pointed • Blade Length: 7in, 6in, 8in • Blade Material: Carbon Steel Trowel • Handle Material: Wood Handle • Size: 6"/7"/8" • Material: Carbon Steel Trowel • Handle: wood			**2,500**		INDMS301
	Carpenter pencil	• Type: Standard Pencils • Lead Color: Black • Body Material: Wood • Packaging: Set • Use: Carpenter Pencil • Packing: plastic case • MOQ: 100 • Customized: Yes	Item	31 items	**RWF 2,500**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401

		• Company Website: toolon.en.alibaba.com • Material: Wood					
	Claw Hammer	• Grade: DIY, Industrial • Warranty: 1Year • Handle Material: Steel	Item	31 items	**RWF 7,000**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Utility knife	• Grade: DIY • Blade Material: Steel, Carbon Steel Blade • Handle Material: ABS • Application: UTILITY KNIFE • Product Name: Utility Knife • Material: ABS	Item	31 items	**RWF 7,500**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401

		• Color: Customized Color • Feature: Feature • Width: 9mm,18mm,25mm					INDBP401 INDID401
	Spirit level	• *Grade:* DIY, Industrial • *Warranty:* 1 year • *Accuracy:* +/-10mm • *Customized support*: ODM • *Usage*: Measurement	Item	31 items	**RWF 5,000**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Rubber Mallet	• Grade: DIY, Industrial • Warranty: 1Year • Handle Material: Steel • Application: Rubber Hammer	Item	31 items	**RWF 7,000**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401

							INDBP401 INDID401
	Pincers	• Material: Steel • Measurement system: Metric • Handle Material: Soft Grip Plastic • Jaw Surface: Beveled (Standard) • Application: Cutting	Item	31 items	**RWF 7,500**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
	Mallet	• Grade: DIY • Handle Material: Wood • Application: Rubber mallet for wood • Handle: wood handle • Other handles available: fiberglass handle / steel	Item	31 items	**RWF 7,000**	• Open Area • Workshop	INDMM402 INDDW401 INDUP401 INDLD401 INDBP401

		handle					INDID401
	Jack Planner	• Material: High Speed Steel • Handle Material: ABS Plastic Handle • Packing: Color Box • Weight: 506g • Features: Adjusting Blade • MOQ: 30pcs • Name: Jack Plane • Usage: Wood Working • Color: Orange & Black	Item	31items	**RWF 32,500**	• Workshop	INDMM402 INDDW401 INDBP401 INDID401
	G - Clamp	• Measurement system: INCH, Metric • Material: Stainless Steel • Standard or Nonstandard: Standard • Product name: G Clamp • Clamp Material: Steel	Item	31items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

		• Size: 40cm • Handle Material: Galvanized screw rod • Packing: Carton • Feature: Durable • Function: Woodworking • Advantage: Easy Adjustment					
	Glass cutter	• Length: 60, 90, 120, 150, 180cm • Cut Thickness: 2-6 mm, 6-12 mm, 12-19 mm • Product name: professional aluminum t cutter 1800mm length t type glass cutter • Material: Aluminium alloy, diamond wheel • Color: Silver body, yellow scale belt, black gum cover • Performance: Straight sharp	Item	31items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

		and chipless • Industry: Glass deep processing • Rule scale: Accurate, precise • Application: Glass cutting, tile cutting • Wearing resistance: 20000 meters					
	Electrical drill	• Voltage: 7.2V/9.6V12V/14.4V/18V(Ni-CD) • Weight: 20/19KGS • Dimensions: 56X40X33.5CM • Drill Type: drill set • Power Source: electricity • Motor Type: Other • No Load Speed: 0-550rpm • Torque Setting: 16+1 • Keyless Chuck: 10mm	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

		• Charge Time: 3-5hours					
	Copping saw	• Grade: Industrial • Application: Wood, Metal, PVC, Plastic • Teeth per Inch: 24 • Blade Type: FIXED BLADE • Material: Steel • Blade Length: 300MM • Dimensions: 42.6*14.2CM • Weight: 598G • Application: Wood, Metal, PVC, Plastic, Cutting • Material: Steel • Blade Length: 12'' • color: customized color • Handle material: Aluminium Alloy +ABS+TPR • Feature: Flexible • Packing: Color Sleeve	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

		• Surface treatment: Quenching heat treatment, polishing, oxidation					
	Puncher	• Condition: New • Machine Type: Steel Hole Punching Machine • Power Source: Hydraulic • Voltage: 220V/110V • Dimension(L*W*H): Machine Size • Motor Power (kW): 830/900W • Key Selling Points: High Efficiency • Applicable Industries: Manufacturing Plant, Construction works • Warranty of core components: 2 years • Core Components: Bearing,	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

		Pump, Gear, Motor, Gearbox, PLC, Pressure vessel, Engine • Product name: portable hydraulic puncher • Function: Steel Metal Punching • Keyword: Mechanical Metal Punching Machine • Usage: Metal Sheet Punching Cutting Bending • Type: Punching machine • Weight (KG): 13					
	Drilling bits	• Use: Metal Drilling • Working Length (mm): none • Finish: amber finish • Size: 1-14mm • Packing: PVC Bag, Plastic Tube,Hang Tag, Customized	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

	Bucket	• Material: Plastic • Type: Bucket • Capacity:1l-25l • Shape: Round • Printing: Customized Printing • Handle: plastic, metal • Thickness: 0.32mm/0.35mm/0.38mm/0.43mm	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401
	Brushes	Oil Art brushes (mona Lisa) • Round • Flat • Pinceau aveline • Pinceau Egbert • Pinceau plat angulaire • Brosse eventail • Pinceau rond pour detail • Pinceau spalter • Pinceau traceur	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

		• Wall brushes Water color brushes					
	Hand saw	• Application: Wood • Blade Type: FIXED BLADE • Material: Diamond • Blade Length: 300mm/ 350mm/ 400mm/ 450mm/ 500mm/ 550mm/ 600mm • Dimensions: 16''/18''/20''/22'' • Weight: 0.38-0.4kg • Product name: Hack Saw Blade	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401
	Drawing tools	• Product Dimensions 8 x 1.2 x 9.5 inches • Item model number 6221811 • ASIN B016LGT5CA • Item weight 1 pounds	Covers	31 covers	**RWF 30,000**	• Workshop	INDMM402 INDDW401 INDUP401 INDLD401 INDBP401 INDID401

		• Manufacturer Bellofy					
	Plastic roller tray (tool)	• Manufacturer Juvale • Part Number TCBRS • Item Weight 2.25 pounds • Package Dimensions 11.7 x 6.4 x 5.8 inches • Item model number TCBRS • Color Black • Material Plastic	Pc	31 pieces	**RWF 5,000**	• Workshop	INDMM402 INDID401 INDBP401
	Color wheel (tool)	Material Paper Color: Laminated Theme: Educational Frame Type: Unframed Product Dimensions: 33"L x 23.5"W	Pc	31 pieces	**RWF 17,000**	• Workshop	INDMM402 INDDW401 INDBP401 INDID401
	Roller extension pole (tool)	Color: Black Item Dimensions LxWxH: 1.88 x 10 x 16.88 inches Item Weight: 0.48 Pounds	Pc	31 pieces	**RWF 25,000**	• Workshop	INDMM402 INDDW401

		Extends up to 3 Feet: Comfort grip cushioned handle					INDBP401 INDID401
	Color catalogue (tool)	This pocket-size version of The Complete Color Harmony features the color explorations, insights, and palettes included in the original version in a handy, take-along size. It's the one color reference designers need.	Pc	31 pieces	**RWF 15,000**	• Workshop	INDMM402 INDDW401 INDBP401 INDID401
	Ladder	Name: Household Herringbone Ladder Model: 6-step ladder Material: 6063 aviation aluminum alloy Bearing weight: 150kg Ladder height:186cm (step height 142cm) Expanded size: 105*50*186 CM Folding size: 197.5*56*5.5CM	Item	4 items	**RWF 50,000**	• Workshop	INDMM402 INDDW401 INDBP401 INDID401

	Paint sprayer	Brand: HomeRight Material: Brass Color: Blue/White Style: Finish Max Power Source: Item Dimensions LxWxH AC/DC: 5 x 9 x 12.5 inches	Item	5 items	**RWF45000**	• Workshop	INDMM402 INDDW401 INDBP401 INDID401
	Electric Screw driver	• Drill Type: Impact Drill • Usage: Home DIY • Certification: CE • No-Load Speed: 1600rpm • Power Source: Battery • Frequency: 50/60HZ • is_customized: Yes • Rated Torque: 45N.M • Model Number: OT-ED-4805 • Max. Drilling Diameter: 10MM • Weight: 1.2-2.5KGS	Item	5 items	**RWF 250,000**	• WSP	INDMM402 INDDW401 INDBP401 INDID401 INDSA401 INDLD401

		• Rated Voltage: 21V • Application: Drilling in Steel Wood Ceramic • Rated Input Power: 340W • Special Features Special design: To Keep Bits Together, Powerful Motor, LED Worklight • Battery: 1 Lithium Ion Battery Pack required (included) • Drill Types: Electric Drill/Cordless Drill/Battery Drill/ Impact Drill • The Rated Input Voltage: 110-220V AC 50-60HZ • Low Speed: 0-400 r/min • High Speed: 0-1600 r/min • Battery Capacity: 1.5Ah • Style: Multifunctional Screwdriver / Cordless					

		Screwdriver • Max. Drilling Diameter: Steel products 10MM wood 30MM • Torque Settings: 18+3 Settings(Impact Function) • Charge Time: About 1.5 Hours • Feature 1: Hammer Drill,Impact Drill, Impact Screwdriver • Feature 2: Impact Cordless Drill, Drill Hammer • Feature 3: Impact Drill Cordless, Impact Drill Screwdriver • Feature 4: Impact Wireless Screwdriver, Hammer Electric • Feature 5: Hammer Power Tools, Drill Impact •					
	Jig saw	• Max135mm,	Pc	10Pcs	**RWF**	• Workshop/sit	INDMM40

		• 220-240v, 3.3A, 50-60Hz, 720W • No 800-2800/min • 211022G			**250,000**	e	2 INDDW401 INDBP401 INDID401 INDSA401
	Digital Multimeter LCD AC/DC	• Weight: 311g • Size: 190mm*90mm*30mm • Maximum voltage between terminals and earth ground: 1000DC or 700VAC • Fuse protection: f200ma/250V • Power: 9V battery, NEDA 1604 or 6F22 • Display: LED • Operating	Pc	4pcs	**RWF 50,000**	• Workshop/site	INDMM402 INDDW401 INDBP401 INDID401 INDSA401 INDLD401

		temperature: 0-400C • Storage temperature: -10-500C • AC Voltage (V): 200mv, 2v, 20V, 200V, 700V • DC Voltage (V): 200mv, 2v, 20V, 200V, 1000V • AC Current (A): 2ma, 20ma, 200ma, 20A • DC Current (A): 2ma, 20ma, 200ma, 20A • Resistance (Ohm): 200, 2k, 20k, 200k, 2M, 20M, 200M, 2000M • Capacitance (F): 2nf, 20nf, 200nf, 2µf, 200µf					
	Bit holder magnetic 1/4" with bits	• Standard Size Magnetic Bit Holder 60mm x 25mm / 2.5 inch x 0.25 inch . • Weight:	Pc	31	**RWF 4,500**	• Workshop/site	INDMM402 INDDW40

		430g (15oz)					1 INDBP401 INDID401
	Pre-punch full metal	• Center Punch, 4 x 8 x 115 mm. • Size: 100mm	Pc	31	**RWF 4,500**	• Workshop/site	INDMM402 INDDW401 INDBP401 INDID401
	Spoke shave(round face)	• Standard size: 250mm, Round: Concave: Cutter width: 2. 1/8in - 54mm. Blade, material:steel		31	**RWF 9,500**	• Workshop/site	INDMM402 INDDW401 INDBP401 INDID401
	Spoke shave (flat face)	• Material - high-carbon steel head, maximum, Hardness -	Pc	31	**RWF 9,500**	• Workshop/site	INDMM402

		50 minimum to 58 maximumhrc on striking faces					INDDW401 INDBP401 INDID401
	Spoke shave (flat face)	• Length: 10": Cutter width: 2 1/8"	Pc	31	**RWF 9,500**	• Workshop/site	INDMM402 INDDW401 INDBP401 INDID401

1.3. Category 3: materials

N°	*Tools*	*Specification*	***Unit of measurement***	***Quantity***	*Unity price*	*Type of room*	*Module code*

68.	Pencils	Rotring 1904257 Rapid PRO Mechanical Pencil, 0.7 mm, Matte Black	Items	31	**RWF 16,000**	• Class room • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
		Rotring 1904257 Rapid PRO Mechanical Pencil, 0.5 mm, Matte Black	Items	31	**RWF 16,000**	• Class room • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDBP401 INDID401
		Staedtler Mars Lumograph Pencil 2h - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing room	INDMM402 INDSA401
		Staedtler Mars Lumograph Pencil HB - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing room	INDMM402 INDSA401
		Staedtler Mars Lumograph Pencil 2B - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing room	INDMM402 INDSA401

		Staedtler Mars Lumograph Pencil 6B - Box of 12	Box	8	**RWF 6,000**	• Class room • Workshop • Drawing room	INDMM402 INDSA401
69.	Ink pen	STAEDTLER Pigment Liner Bonus Sketch Set of 6 Liners for the Regular Price of 4(2 free), 308 SB6P	Box	10	**RWF 28,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
70.	Leads	Pentel® Super Hi-Polymer® Leads, 0.5 mm, HB, 30 Leads Per Tube, Pack Of 3 Tubes	Box	31	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
		Pentel® Super Hi-Polymer® Leads, 0.7 mm, HB, 30 Leads Per Tube, Pack Of 3 Tubes	Box	31	**RWF 15,000**	• Classroom • Workshop • Drawing room	INDMM402 INDSA401
71.	Eraser	Prismacolor Premier Kneaded Rubber Eraser, Medium, 1 Pack	Item	100	**RWF**	• Classroom • Workshop	INDMM402 INDDW401

		Brand: Prismacolor Color: Grey Point Type: Medium Unit Count: 1.0 Count			**2,500**	• Drawing room	INDSA401 INDUP401 INDLD401 INDBP401 INDID401
72.	Bristol Paper	Artway Studio - Acid Free A1 Cartridge Paper for Drawing - Ideal for Dry Art Applications - 170gsm - A1 (100 Sheets)	Package	10	**RWF** **127,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
73.	Markers	• Teerwere Marker Pen 24 Colors Alcohol Markers Dual Tip Art Marker Pen for Architectural Design Advertising Rendering Marker Pens Highlighters (Color: White Pole, Size: 24 Colors)	Box	31	**RWF** **25,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
74.	Masking Tape	• Butter yellow Basics Masking Tape, 0.7 Inch x 180 Feet - Pack of 3 Rolls	Items	50	**RWF** **1,000**	• Classroom • Workshop • Drawing room	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401

							INDBP401 INDID401
75.	Sewing Needles,	• 9 PCS Large Eye Blunt Sewing Needles Cross Stitch Knitting Needle Handmade Leather Embroidery Thread Needle Sewing Accessories Material: stainless steel Size: Style-9pcs:1.25 x 52mm	Item	31 items	**RWF 2500**	• Workshop	INDUP401 INDID401
		• Hot 25Pcs/lot Stainless Steel Large Eye Sewing Needles Sewing Pins Tools Set Home DIY Crafts Household Sewing Accessories Material: stainless steel Size: Style-9pcs:1.25 x 52mm	Item	31 items	**RWF 1500**	• Workshop	INDUP401 INDID401
76.	Assorted curved needles	• 50pcs C Type Curved Mattress Needles Hand Sewing Home	Box	31 boxes	**RWF 2000**	• Workshop	INDUP401 INDID401

		Household Repair Sewing Needles					
		• 12Pcs J TYPE Weaving Needle Hook /Sewing Needles For Human Hair Extension Hair Weaving Knitting Tool	Box	31 boxes	**RWF 2000**	• Workshop	INDUP401 INDID401
		• 24 pcs/bag Large 9cm 6cm C Shape Curved Needles Wig making crochet braids ventilating Hair weaving needle	Box	31 boxes	**RWF 2000**	• Workshop	INDUP401 INDID401
77.	Beads	• Imitation Stone Round Acrylic Hole size: Approx 1.5mm-2mm in diameter	Box	31 boxes	**RWF 150**	• Workshop	INDMM402 INDUP401 INDID401
78.	Chalk line	Item Name: Chalk Line Material: Plastic Color: Yellow Length(about): 15.7cm Line length(about): 8m	Item	5 items	**RWF 20,000**	• Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401

79.	Carpenter pencil	• Type: Standard Pencils • Lead Color: Black • Body Material: Wood • Packaging: Set • Use: Carpenter Pencil • Packing: plastic case • MOQ: 100 • Customized: Yes • Company Website: toolon.en.alibaba.com • Material: Wood	Item	31 items	**RWF 2,500**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
80.	Utility knife	• Grade: DIY • Blade Material: Steel, Carbon Steel Blade • Handle Material: ABS • Application: UTILITY KNIFE • Product Name: Utility Knife • Material: ABS • Color: Customized Color • Feature: Feature • Width: 9mm,18mm,25mm	Item	31 items	**RWF 7,500**	• Open Area • Workshop	INDMM402 INDDW401 INDSA401 INDUP401 INDLD401 INDBP401 INDID401
81.	Drilling bits	• Use: Metal Drilling • Working Length (mm): none • Finish: amber finish	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401

		• Size: 1-14mm • Packing: PVC Bag, Plastic Tube,Hang Tag, Customized					INDID401
82.	Bucket	• Material: Plastic • Type: Bucket • Capacity:1l-25l • Shape: Round • Printing: Customized Printing • Handle: plastic, metal • Thickness: 0.32mm/0.35mm/0.38mm/0.43 mm	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401
83.	Brushes	Oil Art brushes (mona Lisa) • Round • Flat • Pinceau aveline • Pinceau Egbert • Pinceau plat angulaire • Brosse eventail • Pinceau rond pour detail • Pinceau spalter • Pinceau traceur • Wall brushes Water color brushes	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401

84.	Hand saw	• Application: Wood • Blade Type: FIXED BLADE • Material: Diamond • Blade Length: 300mm/ 350mm/ 400mm/ 450mm/ 500mm/ 550mm/ 600mm • Dimensions: 16''/18''/20''/22'' • Weight: 0.38-0.4kg • Product name: Hack Saw Blade	Item	31 items	**RWF 25,000**	• Open Area • Workshop	INDMM402 INDDW401 INDBP401 INDID401
85.	Drawing tools	• Product Dimensions 8 x 1.2 x 9.5 inches • Item model number 6221811 • ASIN B016LGT5CA • Item weight 1 pounds • Manufacturer Bellofy	Covers	31 covers	**RWF 30,000**	• Workshop	INDMM402 INDDW401 INDUP401 INDLD401 INDBP401 INDID401

1.2. Category 3: Security materials (safety materials)

1. Training facilities

2.1. Furniture and office materials

Didactic materials

N°	*Name and description*	*Specifications*	*Unit price*	*Qty*	*Type of room*	*Module code*
1.	Video tutorials	• Videos of how to draw, represent figures, shading rendering	RWF 50,000/Video	5 Videos	Class room Workshop Drawing room	INDAT301 INDIC301 INDMS301 INDSF301 INDCC301
2.	Models	• Scaled model used to represent shapes volumes	RWF 50,000/Model	25 Models	Class room	INDAT301 INDIC301

						INDMS301 INDSF301 INDCC301

Audio-visual materials

2.4. Infrastructures

The illustration bellow shows each workshop and its components:

