

THE UNITED REPUBLIC OF TANZANIA

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**SUBSIDIARY LEGISLATION**

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**THE CONTRACTORS REGISTRATION ACT,  
(CAP. 235)**

**BY-LAWS**

*(Made under section 35)*

**THE CONTRACTORS REGISTRATION (AMENDMENT) BY-LAWS, 2022**

- Citation  
GN. No.  
340 of 1999
1. These By-Laws may be cited as the Contractors Registration (Amendment) By-Laws, 2022 and shall be read as one with the Contractors Registration By-Laws hereinafter referred to as the “principal By-Laws”.
- Amendment of paragraph 7
2. The principal By-Laws are amended in paragraph 7 by deleting subparagraph (2) and substituting for it the following:  
“(2) Classification of Specialist Contractors shall be as specified in the Third Schedule to these By-Laws”
- Amendment of paragraph 10
3. The principal By-Laws are amended in paragraph 10 by-
- (a) deleting paragraph (1) and substituting for it the following:  
“(1) The criteria for determination of the appropriate class for registration as a contractor shall be as specified in the Fourth Schedule to these By-Laws.”

(b) adding immediately after subparagraph (2) the following:

“(3) Subject to subparagraph (2), in assessing the score to be attained for consideration of appropriate class of registration to be awarded to specialists contractors, the weighted marking sheet as specified in the Sixth Schedule to these By-Laws shall be used.”

(c) renumbering subparagraph (3) as subparagraph (4).

Amendment of  
First Schedule

4. The principal By-laws are amended in the First Schedule by deleting:

(a) table 3 and substituting it with the following:

(b) table 4 and substituting for it the following:

TABLE 4: CRITERIA FOR REGISTRATION OF BUILDING CONTRACTORS

S/N O.	RESOURCE	CLAS S ONE	CLAS S TWO	CLAS S THREE	CLAS S FOUR	CLAS S FIVE	CLAS S SIX	CLAS S SEVEN	REMARKS
A: KEY STAFF									
1	Head of Organization (Managing Director)	1	1	1	1	1	1	1	
2	Professional Structural/Civil Engineer	1	1	1	1	-	-	-	
3	Graduate Structural/Civil Engineer	2	1	1	-	1	1	-	
4	Quantity Surveyor	1	1	1	-	-	-	-	
5	Accountant (Holder of Degree /ADA) Assistant Accountant be holder of at least diploma in Accountancy)	1	1	1	1	1	1	1	
6	Civil Engineering Technician (Holder of NTA 6 or Equivalent)	4	3	2	1	1	1	1	

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7	Mechanical Engineering Technician/ Artisan	1	1	1	1	-	-	-	
8	Electrical Engineering Technician/ Artisan	1	1	1	1	-	-	-	
9	Artisan	6	4	3	2	1	1	1	
10	Safety Officer (Holder of at least Adv. Diploma in Engineering, Architecture, Quantity Surveyor or Certificate in Safety)	1	1	1	-	-	-	-	
<b>B: PLANT AND EQUIPMENT</b>									
1	Assortment of Hand Tools	-	-	-	-	-	30	20	
2	Block Making Plant	-	-	-	-	-	-	-	
3	Compressor	1	1	1	-	-	-	-	
4	Concrete Batching Plant	1	-	-	-	-	-	-	
5	Concrete Dumpers	3	2	2	1	-	-	-	
6	Concrete Mixers (Min. capacity 2 m <sup>3</sup> )	covered in 21	covered in 21	covered in 21	2	2	1	1	
7	Concrete Pocker Vibrators	covered in 21	covered in 21	covered in 21	covered in 21	covered in 21	1	1	
8	Tower Crane or other equal hoisting equipment	1	1	1	-	-	-	-	
9	Levelling Instrument (Total Station)	covered in 21	covered in 21	covered in 21	covered in 21	1 (Dumpy level)	1 (Dumpy level)	-	
10	Light Duty Vehicles (1 Tons – 4 Tons)	3	2	1	1	1	-	-	

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11	Plate Compactor	covered in 21	covered in 21	covered in 21	covered in 21	covered in 21	1	1	
12	Steel Bending Machines (sets)	covered in 21	covered in 21	covered in 21	1		-	-	
13	Metal Scaffoldings (Sq.m)	1000	800	600	600	600	-	-	
14	Tippers/ trucks (7 Tons and above)	3	2	1	1	-	-	-	
15	Water Pumps	covered in 21	covered in 21	covered in 21	covered in 21	covered in 21	1	1	
16	Supervision vehicles (Less than 1 Ton)	4	3	2	1	1	1	1	
17	Metal Formwork (Sq. m)	-	-	-	-	-	1	-	
18	Generator (min. 7.5 KV)	3	2	1	1	1	-	-	
19	Welding machine	covered in 21	covered in 21	covered in 21	covered in 21	covered in 21			
20	Excavator	1	1	1	-	-	-	-	
21	Assortment of Supporting Equipments: concrete mixers, porker vibrators, plate compactors, steel bending machines, water pumps, welding machines,)	40	30	25	20	15			
C: LAND AND SERVICE FACILITIES									
1	Office (sqm)	60	40	40	20	20	10	10	
2	Workshop (sqm)	100	100*	100*	-	-	-	-	
3	Storage yard (sqm)	500	300	200	100	-	-	-	
D: SAFETY GEAR									
1	Helmets	100	60	40	20	16	8	6	
2	Boots	100	60	40	20	16	8	6	
3	Gloves	100	60	40	20	16	8	6	

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4	Reflective/Jacks/Overalls/Dust/Coats	100	60	40	20	16	8	6	
5	Safety Harness belts	20	15	10	10	5	0	0	

\* Recommended but not mandatory

- Not required

(c) table 5 and substituting for it the following:

TABLE 5: CRITERIA FOR REGISTRATION OF ELECTRICAL CONTRACTORS

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	CLASS FOUR	CLASS FIVE	CLASS SIX	CLASS SEVEN	REMARKS
<b>A: KEY STAFF</b>									
1	Head of Organization (Managing Director)	1	1	1	1	1	1	1	
2	Accountant (Holder of Degree/ ADA) Assistant Accountant be holder of at least diploma in Accountancy)	1	1	1	1	-	-	-	
3	Electrical Engineer (Professional)	1	1	1	1	-	-	-	
4	Electrical Engineer (Graduate)	2	2	1	1	1	-	-	
5	Electrical Engineering Technician	4	3	1	1	1	1	1	
6	Mechanical Engineering Technician / Artisan	1	1	1	-	-	-	-	
7	Electrical License Holder (A)	1	1	-	-	-	-	-	

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8	Electrical License Holder (B)	-	-	-	-	-	-	-	-
9	Electrical License Holder class C	-	-	1	1	1	-	-	
10	Electrical License Holder class (D)	-	-	-	-	-	1	1	
11	Artisans	6	5	3	3	2	1	1	
12	Safety Officer (Holder of at least Adv Diploma in Engineering, Architecture, Quantity Surveyor or Certificate in Safety)	1	-	1	-	-	-	-	
<b>B: PLANT AND EQUIPMENT</b>									
1	Bench/Hand Grinder	Covered in 26	Covered in 26	Covered in 26	1	1	1	1	
2	Lifting Hoisting Equipment	4	3	2	1	1	-	-	
3	Crimping Tool	Covered in 26	Covered in 26	Covered in 26	Covered in 26	Covered in 26	1	1	
4	Complete Electrical Tool Box	Covered in 26	Covered in 26	Covered in 26	Covered in 26	Covered in 26	3	2	
5	Drum Jack	6	4	3	1	1	1	1	
6	Generator (Min 4.5KVA)	4	3	2	1	1	-	-	
7	Hand Drill	Covered in 26	Covered in 26	Covered in 26	Covered in 26	Covered in 26	1	1	
8	Heavy Duty trucks (More than 5 Tones)	2	1	1	-	-	-	-	
9	Ladders	Cove	C	Cov	Cov	Cover	2	2	

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		red in 26	ov er ed in 26	ered in 26	ered in 26	ed in 26			
10	Light Duty Vehicles (1 – 4 Tones)	4	3	2	1	1	1	-	
11	Pipe Cutter/Bender	Cove red in 26	C ov er ed in 26	Cov ered in 26	Cov ered in 26	Cover ed in 26	1	1	
12	Testing Equipment	Cove red in 26	C ov er ed in 26	Cov ered in 26	Cov ered in 26	Cover ed in 26	3	3	
13	Truck Mounted Crane/Mobile Crane	1	1	1	1	-	-	-	
14	Welding Machine	Cove red in 26	C ov er ed in 26	Cov ered in 26	Cov ered in 26	Cover ed in 26	1	-	
15	Supervision vehicles (less than 1 Tone)	3	2	2	1	1	1	1	
16	Mechanical Tool Box	Cove red in 26	C ov er ed in 26	Cov ered in 26	Cov ered in 26	Cover ed in 26	-	-	
17	Bucket Truck	2	1	1	-	-	-	-	
18	Insulated Platform	10	5	2	-	-	-	-	
19	Chain block	6	3	2	-	-	-	-	
20	Pole Wrenches	5	3	2	-	-	-	-	
21	Pole Climbing Tool	10	5	2	-	-	-	-	
22	Insulated Ladder	5	3	2	-	-	-	-	
23	Bench drill	2	1	1	-	-	-	-	
24	Compressor	-	-	-	-	-	-	-	
25	Stocks and Dies (set)	-	-	-	30	25	-	-	

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26	Supporting equipments (Bench hand grinder, crimping tools, Complete electrical tool box, hand drills, ladders, Pipe Bender, Testing Equipment, Welding machine, mechanical tool boxes, )	70	50	40	-	-	-	-	
<b>C: LAND AND SERVICE FACILITIES</b>									
1	Office (sqm)	60	40	40	20	10	10	10	
2	Workshop (sqm)	100	100	80	50	-	-	-	
3	Storage yard (sqm)	500	200	150	-	-	-	-	
<b>D: SAFETY GEAR</b>									
1	Helmets	40	30	20	16	10	6	4	
2	Safety Boots	40	30	20	16	10	6	4	
3	Gloves	40	30	20	16	10	6	4	
4	Overalls/Dust/Coats	40	30	20	16	10	6	4	
5	Safety Harness belts	40	30	20	16	10	6	4	
6	Goggles/welding shields	40	30	20	16	10	6	4	

- Not required

(d) table 6 and substituting for it the following:

**TABLE 6: CRITERIA FOR REGISTRATION OF MECHANICAL CONTRACTORS**

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	CLASS FOUR	CLASS FIVE	CLASS SIX	CLASS SEVEN	REMARKS
<b>A: KEY STAFF</b>									
1	Head of Organization (Managing	1	1	1	1	1	1	1	



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	Director)								
2	Mechanical Engineer (Professional)	1	1	1	1	-	-	-	
3	Mechanical Engineer (Graduate)	2	1	1	1	1	-	-	
4	Accountant (Holder of Degree/ ADA) Assistant Accountant be holder of at least diploma in Accountancy)	1	1	1	1	1	1	-	
5	Mechanical Engineering Technician (FTC or Equivalent)	4	3	2	1	1	1	1	
6	Electrical Engineering Technician (FTC or equivalent)	1	1	1	-	-	-	-	
7	Artisans	5	4	3	2	1	1	1	
8	Safety Officer (Holder of at least Adv Diploma in Engineering, Architecture, Quantity Surveyor or Certificate in Safety)	1	1	-	-	-	-	-	
<b>B: PLANT AND EQUIPMENT</b>									
1	Air Compressors	3	3	2	2	1	1	1	
2	Assortment of Jacks (Min 3 Tones)	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	1	1	
3	Steel Tank Erection Jacks	2	1	1	-	-	-	-	
4	Portable Generators	5	4	3	2	1	1	-	

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	(Min 4KVA)								
5	Electric Hand Drills	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	2	1	
6	Hand Grinders	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	2	1	
7	Heavy Duty Trucks (5 Ton and above)	1	1	1	-	-	-	-	
8	Ladders (min 5m)	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	2	1	
9	Lifting/Hoisting Equipment	10	8	6	4	2	1	-	
10	Light duty Vehicles (1 – 4 Tones)	3	2	1	1	1	-	-	
11	Pipe Cutter/Bender	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	2	1	
12	Power Press Machine	2	2	1	1	1	-	-	
13	Sheet rolling Machine	1	1	1	-	-	-	-	
14	Testing Equipment (Vacuum/Pressure Testers)	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	1	1	
15	Supervision vehicles (Less than 1 Ton)	2	2	1	1	1	1	1	
16	Complete Mechanical Tool Boxes	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	3	2	
17	Truck Mounted Crane/Mobile Crane	1	1	1	-	-	-	-	
18	Welding Machines	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	3	1	
19	Gas Cutting Set	Covered in 22	Covered in 22	Covered in 22	3	2	1	1	
20	Greasing equipment	Covered in 22	Covered in 22	Covered in 22	Covered in 22	Covered in 22	1	1	
21	Stock and Dies(set)	-	-	-	-	-	-	-	

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22	Supporting Equipments (Electric hand drill, hand grinder, ladders, Pipe cutter/ bender, Testing Equipment, Complete Mechanical tool boxes, welding machine, Greasing equipments, Assortments of Jacks, Gas cutting set )	70	50	40	30	25	-	-	
<b>C: LAND AND SERVICE FACILITIES</b>									
1	Office (sqm)	60	50	40	20	10	10	10	
2	Workshop (sqm)	500	300	200	100	50*	50*	50*	
3	Storage yard (sqm)	500	200	-	-	-	-	-	
<b>D: SAFETY GEAR</b>									
1	Helmets	40	30	20	16	10	6	4	
2	Industrial Boots	40	30	20	16	10	6	4	
3	Gloves	40	30	20	16	10	6	4	
4	Overalls/Dust/ Coats	40	30	20	16	10	6	4	
5	Reflective Jackets	40	30	20	16	10	6	4	
6	Goggles/welding shields	20	12	10	8	6	4	2	
7	Mouth Masks	40	20	15	12	8	5	3	
8	First Aid kit	1	1	1	1	1	1	1	

\* Recommended but not  
 - Mandatory  
 Not required

Addition of **5.** The principal By-Laws are amended by adding the Third Schedule

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*Tangazo la seriakli na. 744 (linaendelea)*

Third Schedule immediately after the Second Schedule as follows:

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THIRD SCHEDULE  
\_\_\_\_\_

*(Made under paragraph 7(2))*

**(A) SPECIALIST RELATED TO CIVIL WORKS CONTRACTORS**

<i>S/ N</i>	<i>Name of Specialist Contractor</i>	<i>Basic Works</i>
1.	Marine Works	Dredging works, land reclamation civil engineering works, environmental projects, offshore oil and gas exploration and works related to offshore and under water construction works.
2.	Tunnelling and Mining works	Excavation, grouting roads, railway and mining activities.
3.	Water works and Sewerage	Works associated with Treatment plants, Water distribution, Irrigation and Flood Control System, Construction and maintenance of sewerage systems, drilling holes using drill and rigs for the purpose of extraction of water.
4.	Railway Tracks	New track construction, track renewal, track repair and maintenance, track and turnout undercutting, rail grinding, tie plugging, spot surface and tie replacement, change out broken/defective rails, recondition turnouts, switch points and frogs by welding etc.
5.	Landscaping, Slope protection and Paving works	Application of erosion control products, precast concrete treatment system, and cellular confinement systems for slope protection, growing of vegetation, stockpiling of sand bags, plastic sheets, gabion baskets and rock fall netting. Surface treatments including cement grouts, polymeric, asphalt, sprayed seed emulsion coatings and laying of precast paving block or tiles.

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- |     |                                      |   |
|-----|--------------------------------------|---|
| 6.  | Pilling and Underpinning             | Installation of all types of piling-sheet, driven pre-cast reinforced and pre-stressed concrete piles and bored cast-in-situ piles. Works should also include strengthening of foundations of existing buildings or other structures. |
| 7.  | Drilling Works                       | Drilling works involves making holes using drills and rigs for the purpose of extraction of oil, gas and mineral samples or making allowance for construction activities.   |
| 8.  | Concreting works                     | Reinforcement of structures by way of pressure grouting, grunting and concrete production works.  |
| 9.  | Labour Based Road Works              | Construction, rehabilitation and maintenance of roads using labour intensive technology and light equipment.  |
| 10. | Bridges and Flyovers                 | Construction, Repair and Maintenance of all types of bridges and flyovers.  |
| 11. | Road Markings, Signage and Furniture | Installation, marking and painting of an integrated sign posting systems for road signs and road works.   |

**(B) SPECIALIST RELATED TO BUILDING CONTRACTORS**

<i>S/ N</i>	<i>Name of Specialist Contractor</i>	<i>Basic Works</i>
1.	Finishing and Decorations	Painting, floor and wall finishing, installation of ceiling panels, partitions, and built-in fitments, raised floor works. Bathroom and kitchen remodeling, cabinetry and bolts-ins, insulation, paneling and molding and sound proofing construction etc.
2.	Water Proofing Installation	Waterproofing of basement, roofs, walls, and swimming pools.
3.	Carpentry and Joinery Works	Supplying and fixing all the materials in connection with carpentry and joinery works.

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- |    |                              |   |
|----|------------------------------|---|
| 4. | Demolition                   | Demolition of whole or earmarked parts of existing structure, remove the debris from site, handling of hazardous materials like asbestos roofing sheets etc and making good the other areas affected during demolition etc.   |
| 5. | Pre- Fabricated Building     | Installation and fixing of pre-fabricated buildings (that is offices, residential houses, warehouses, industrial buildings etc.) including all associated external works. The external works shall include but not limited to landscaping, parking areas drainage systems and prefabricated boundary walls. |
| 6. | Conservation of Old Building | Retaining of old buildings to its original designed shape by using same materials.  |
| 7. | Precast Units Production     | Production of precast concrete units such as pipe culverts, paving slabs, paving blocks, concrete manhole covers, concrete/cement blocks, louver blocks, curbstones and decorative units etc. Building elements such as concrete slabs, stairs, columns and beams.  |

**(C) SPECIALIST RELATED TO MECHANICAL CONTRACTORS**

<i>S/ N</i>	<i>Name of Specialist Contractor</i>	<i>Basic Works</i>
1.	Marine vessels Fabrication and Maintenance	Fabrication and maintenance of ships, ferries, pontoons, boats and other marine vessels, heavy lifting, assembling and dismantling of marine parts, wreck removal.
2.	Fabrication and Installation of Tanks	Fabrication, Installation, maintenance and repair of oil and gas pipe lines, tanks, depots and petrol stations and related works.
3.	Installation and Maintenance of Laboratory (Medical) Equipment	Installation, commissioning and maintenance of medical equipment such as: Compressed air systems, Hot water installation, sterilizers and

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- autoclave, Medical gas installation, hydrotherapy system and dental chair etc.
4. Lift and Escalators Installation and Maintenance Installation, commissioning and maintenance of lifts, escalators, Travellators and conveyor systems.
5. Installation and Maintenance of Workshop, Mill, Quarry Systems and Industrial Plants Fabrications, Erection, Installation, commissioning, maintenance, servicing and repair of workshop, mills, heavy plant machinery including Workshop Plants, Industrial Cranes, Boilers, Mills, Manufacturing Plants, Quarries, quarry systems such as cranes, hoists, crushing and screening plant, asphalt mixing plant, etc.
- Erection, installation, maintenance and repair of compressor station, metering station, onshore terminal station, cogeneration plant, gas processing plant, petrochemical plant, oil refinery, aviation refueling and refueling system.
6. Aluminium, Metal and Glass Works Supplying, Installation/ fixing and repair of Glass and Aluminum frames doors, windows, partitions, curtain walling, structural grazing and spider framing.
7. Scaffolding and Formworks Supplying, fixing and dismantling all types of scaffoldings and formworks.
8. Plumbing and Sanitation Installation, repairs and servicing of Industrial pipes which transmit water, gas, chemical, waste, etc. Also installation and maintenance of water pipes and sanitary works.
9. Heating, Ventilation and Air-Conditioning Installation, commissioning, maintenance and repairs of air conditions, refrigeration, cold rooms, ventilation systems, central cooling plant.
- Installation and maintenance of



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- |     |  |  |
|-----|--|--|
|     |  | boiler plant, Heat exchangers, absorption chillers, pressure vessels and hot water systems etc.  |
| 10. | Sandblasting                                     | Removal of old paints, rust, dirt and grease from metal and other hard surfaces using compressed air at high pressure to blow fine sand or other abrasive materials.             |
| 11. | Automobiles assembling and maintenance           | Assembling of cars, Building of Bodies, Trailers and Browsers etc. Garage works for the repair and servicing of automobile machinery, fixing and repair of car tracking systems. |
| 12. | Pre-Fabrication and Erection of Steel Structures | Fabrication, Installation and Erection of Steel Structures including erection of Telecommunication Towers.   |
| 13. | Bill boards                                      | Installation of an integrated sign posting system for complexes, airports, shopping centers, exhibition stands etc.  |

**(D) SPECIALIST RELATED TO ELECTRICAL CONTRACTORS**

<i>S/ N</i>	<i>Name of Specialist Contractor</i>	<i>Basic Works</i>
1.	Security Systems Telecommunication and ICT Systems Installation	Installation and maintenance of security systems. Installation and maintenance of security alarm, car park security control, aircraft warning system (e.g. CCTV, Security alarm, car park security).  Installation of fencing Electric and internal ducting, installation of satellite system, radar survey systems, vessels and navigational systems etc. Installation and maintenance of Security Systems.
2.	Power Generation and Distribution	Installation and maintenance of generators, sub-stations and electrical power house. Construction and maintenance of substation for solar energy and distribution to customers, installation of Solar energy, Biogas energy, Wind generation, Geothermal energy system.

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- |    |  |   |
|----|--|---|
| 3. | Power lines and Systems                    | Construction, installation, repairs and maintenance of Transmission lines, substations and distribution lines to consumers. |
| 4. | Construction and Maintenance of Live Lines | Construction, repair and maintenance of live lines without power disconnection  |
| 5. | Fire Detection and Warning Systems         | Installation and maintenance of fire alarms, prevention and protection systems and installation of fire extinguishers.      |

Addition of  
Fourth  
Schedule

6. The principal By-Laws are amended by adding the Fourth Schedule immediately after the Third Schedule as follows:

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“  
FOURTH SCHEDULE  
”

*(Made under paragraph 10(1))*

PROPOSED DISTRIBUTION OF POINTS FOR DETERMINATION OF  
APPROPRIATE CLASS

	Requirement	Points of distribution		
		Class 1	Class II - V	Class VI - VII
1.	Staff qualifications	30	35	40
2.	Plant and Equipment	20	20	30
3.	Office and Services Facilities	5	10	20
4.	Safety Gear	5	5	10
5.	Financial Status	30	30	0
6.	Experience of the firm	10	0	0
	Total	100	100	100

- Addition of Sixth Schedule
7. The principal By-Laws are amended by adding the Sixth Schedule immediately after the Fifty Schedule as follows:
  - 8.

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**SIXTH SCHEDULE**  
 \_\_\_\_\_

*(Made under paragraph 10(3))*

*(i) Criteria for registration of marine works contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	1	
3	Navigator	1	1	-	
4	Civil Engineer	1*	1	-	
5	Civil Engineering Technicians	2	1	1	
6	Diving Supervisors/Div ers	2	1	1	
7	Artisans	6	3	2	
8	Safety Officer	3	2	1	
<b>B: PLANT &amp; EQUIPMENT</b>					
1	Light Duty Vehicles	2	1	1	
2	Under Water communication Equipment	3	1	1	
3	Underwater camera	2	1	1	
4	Compressor	3	2	1	
5	Automatic Lifting bags	5	3	2	
6	Under water arc welding Equipment	6	3	2	
7	Oxygen diving tanks	6	3	2	

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*Tangazo la seriakli na. 744 (linaendelea)*

8	Underwater Gas welding Equipment	3	2	1	
9	Generator	2	1	1	
10	Wet suits[Long John]	7	4	3	
11	Diving fins	7	4	3	
12	Hand grinders	3	2	1	
13	Hand drills	3	2	1	
14	Complete Mechanical Tool Boxes	3	2	1	
15	Full face diving masks	5	3	2	
<b>C: SAFETY GEAR</b>					
1	Helmets	10	8	5	
2	Boots	10	8	5	
3	Gloves	10	8	5	
4	Overalls/Overcoats	10	8	5	
5	First Aid Kit	1	1	1	
<b>D: LAND AND SERVICE FACILITIES</b>					
1	Office (sqm)	50	20	10	
2	Workshop/Yard (sqm)	100	50	20	

- \* Mandatory. Must be registered with relevant institutions at professional level
- Not required

*(ii) Criteria for registration of tunneling and mining works contractors*

S/NO	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mining Engineer	1 <sup>x</sup>	1	-	

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*Tangazo la seriakli na. 744 (linaendelea)*

4	Geologist/Metallurgical Engineer	1	1	-	
5	Land Surveyor	2	1	-	
6	Civil Engineering Technician	4	2	1	
7	Mechanical/Electrical Engineering Technicians/Artisans	4	2	1	
8	General Artisans	6	3	2	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light duty Vehicle	3	2	-	
2	Supervision Vehicle	2	1	1	
3	Low Loader	3	1	1	
4	Bull Dozer	3	-	-	
5	Back hoe excavator	2	1	-	
6	Graders	2	1	-	
7	Lifting Equipment	5	3	1	
8	Compressors	5	3	2	
9	Generators	5	2	1	
10	Water Pumps	5	3	2	
11	Welding Equipment	5	3	2	
12	Blasting Equipment	5	3	2	
13	Ladders	5	3	2	
14	Complete Tool Boxes	5	3	1	
15	Hand drills	5	2	1	
16	Hand Grinders	5	3	2	
17	Trucks	5	3	1	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	20	10	
2	Storage Yard (sqm)	500	100	50	

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*Tangazo la seriakli na. 744 (linaendelea)*

3	Workshop (sqm)	200	50	50	
<b>D: SAFETY GEAR</b>					
1	Overalls	30	20	10	
2	Helmets	30	20	10	
3	Boots	30	20	10	
4	First Aid Kit	2	1	1	
5	Gloves	30	20	10	

- \* Mandatory. Must be registered with relevant institutions at professional level  
 - Not required

*(iii) criteria for registration of water works and sewerage contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization (Managing Director)	1	1	1	
2	Professional Civil/Water/Irrigation/Environmental Engineer (Degree/ Diploma in a relevant Field)	1*	-	-	
3	Graduate Civil/Water/Irrigation/Environmental Engineer (Degree/ Diploma in a relevant Field)	1	1*	-	
4	Mechanical Engineering Technician/ Artisan	1	1	-	
5	Quantity Surveyor	1	-	-	
6	Accountant (Holder of Degree/ADA) Assistant Accountant be holder of At least diploma in Accountant)	1	1	1	
7	Civil /Water Works Technician (FTC in Civil/ Water works	2	1	1*	

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*Tangazo la seriakli na. 744 (linaendelea)*

	Engineering				
8	Land Surveyor	1	-	-	
9	Artisan (Minimum NVTA 1)	3	2	1	
<b>B: REQUIRED EQUIPMENT</b>					
1	Assortment of Pipe/ Chain wrenches	6	3	2	
2	Assortment of Hand tools	40	20	15	
3	Pipe threading Equipment	3	2	1	
4	Bull dozers	1	-	-	
5	Pipe cutter/ Bender	3	2	1	
6	Compressors	2	1	-	
7	Concrete Mixers (min 2m <sup>3</sup> /hr	2	1	1	
8	Generator Set	2	1	-	
9	Mobile crane/ Hoisting equipment	1	-	-	
10	Light Duty Vehicles (1 - 4 Tons)	1	-	-	
11	Supervision vehicles	2	1	1	
12	Trucks (7 Tons and above)	1	-	-	
13	Pedestrian Rollers	2	1	-	
14	Plate Compactors	3	1	1	
15	Poker Vibrator	3	1	1	
16	Water Pump	2	1	1	
17	Surveying Equipment (Total station)	1	-	-	
18	Vibrating Rollers	1	-	-	
19	Water Bowsers/Trailers	1	-	-	
20	Backhoe Excavator	1	-	-	
21	Welding Equipment	2	1	1	
22	Pressure testing Equipment	3	2	1	
<b>C: SAFETY GEAR</b>					
1	Helmets	10	8	5	
2	Boots	10	8	5	
3	Gloves	10	8	5	
4	Overalls/Overcoats	10	8	5	



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*Tangazo la seriakli na. 744 (linaendelea)*

5	First Aid Kit	1	1	1	
D: LAND AND SERVICE FACILITIES					
1	Office (sqm)	50	20	10	
2	Workshop/Yard (sqm)	300	100	50	

- \* Mandatory. Must be registered with relevant institutions at professional level  
 - Not required

*(iv) criteria for registration of railway tracks contractors*

S/NO	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
A: KEY STAFF					
1	Head of organization	1	1	1	
2	Accountant	1	1	-	
3	Civil Engineer	2*	1*	-	
4	Civil/Railway Technicians	3	2	1	
5	Permanent Way Inspectors	3	2	1	
6	Mechanical Technicians	3	2	1	
7	Artisans	10	4	2	
B: PLANT AND EQUIPMENT					
1	Light duty vehicle	3	1	1	
2	Heavy duty vehicle	2	1	-	
3	Concrete mixers	2	1	-	
4	Poker Vibrators	2	1	1	
5	Compressor	2	1	1	
6	Welding set	2	1	1	
7	Water pumps	5	2	1	
8	Generator	2	1	1	
9	Leveling Instruments	2	2	1	
10	Hand tools (Assortment of Track spanners and civil hand tools)	100	40	20	

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*Tangazo la seriakli na. 744 (linaendelea)*

11	Hand Grinders	4	2	1	
12	Drill Machines	6	3	2	
13	Motorized Rail Cutting Machines	3	2	1	
14	Universal Geiser Track Measuring Equipment	2	1	1	
15	Track jacks	3	1	1	
16	Rail gauge	2	1	1	
17	Balart forks	3	2	1	
C: LAND AND SERVICES FACILITIES					
1	Office (sqm)	60	20	10	
2	Workshop/Yard (sqm)	500	100	-	
D: SAFETY GEAR					
1.	Gloves	100	50	20	
2.	Overcoats	100	50	20	
3.	Boots	100	50	20	
4.	Helmets	100	50	20	
5.	First Aid Box	3	2	1	

\* Mandatory. Must be registered with Professional Board in the professional category

- Not required

*(v) Criteria for registration of landscaping, slope protection and*

*paving works contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
A: KEY STAFF					
1	Head of organization	1	1	1	
2	Accountant	1	1	-	

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*Tangazo la seriakli na. 744 (linaendelea)*

3	Architect/Landscape Specialist/Horticultural Specialist /Civil Engineer/ Quantity Surveyor	1*	1**	1	
4	Civil / Building /Architectural Technician	2	1	1	
5	Artisans	3	2	1	
6	Gardeners	5	3	2	
<b>B. PLANT AND EQUIPMENT</b>					
1	Light duty vehicle (P/UP)	2	1	1	
2	Tipper/Truck (3Tons & above)	2	1	-	
3	Lawn movers (Motorized)	-	-	-	
4	Lawn movers (Non Motorized)	-	-	-	
5	Lawn movers	3	3	1	
6	Plate Compactor	3	2	1	
7	Hedge Trimmers	-	-	-	
8	Sprinklers (Sets)	10	5	3	
9	Paving/ Block Making machine	2	1	1	
10	Water tankers/bowsers	1	-	-	
11	Water pump/Water pressure Machines	3	2	1	
12	Hand tools (Assorted)	50	30	10	
13	Trolleys /Wheel barrow	-	-	-	
14	Sand /Cement mixing machine	2	1	1	
<b>C: LAND AND SERVICES FACILITY</b>					
1	Office (sqm)	60	20	10	
2	Workshop/Yard (sqm)	100	50	-	
<b>D: SAFETY GEAR</b>					
1	Gloves	30	20	5	

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*Tangazo la seriakli na. 744 (linaendelea)*

2	Overcoats/Overalls	30	20	5	
3	Boots	30	20	5	
4	Helmets	10	5	3	
5	First Aid Box	1	1	1	
6	Dusts Masks	30	20	10	
7	Reflective Jackets	10	5	3	

- \* Mandatory. Must be registered with relevant institutions at professional level
- Mandatory and must be registered with professional Board in the Graduate level or equivalent
- \*\*
- Not required

*(vi) criteria for registration of pilling and underpinning works  
contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountants	1	1	1	
3	Civil Engineer	2*	1**	-	
4	Civil Engineering Technician	4	2	1	
5	Artisans	6	3	2	
<b>B: PLANT &amp; EQUIPMENT</b>					
1	Light Duty Vehicles	3	1	1	
2	Truck Vehicle	1	1	-	
3	Complete Drill Rig	2	1	1	
4	Mud Pumps	5	2	1	
5	Lifting Equipment	3	2	1	
6	Pile Testing Equipment	5	2	1	
7	Oil sensor	2	1	1	
8	Testing Beam Equipment	3	1	1	

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*Tangazo la seriakli na. 744 (linaendelea)*

9	Supervision Vehicle	2	1	1	
10	Concrete mixers	3	2	1	
11	Plate Compactor	3	2	1	
12	Concrete vibrators	3	2	1	
13	Compressors	2	1	-	
14	Generators	3	2	1	
15	Water Pumps	3	2	1	
16	Tippers/Trucks	2	1	-	
17	Assortment of Hand Tools	40	30	15	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	20	10	
2	Storage Yard (sqm)	500	100	50	
3	Workshop (sqm)	200	50	50	
<b>D: SAFETY GEAR</b>					
1	Helmets	30	20	10	
2	Boots	30	20	10	
3	Gloves	30	20	10	
4	Overalls	30	20	10	
5	First Aid Kit	2	1	1	

- \* Mandatory. Must be registered with relevant institutions at professional level
- \*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- Not required

*(vii) criteria for registration of drilling contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					

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*Tangazo la seriakli na. 744 (linaendelea)*

1	Head of Organization	1	1	1	
2	Hydrologist/Geologist/ Civil Engineer/Mining Engineer	2	1	-	
3	Drill Rig Supervisors	1	1	1	
4	Drill Fitters	1	1	-	
5	Drillers	3	1	1	
6	Surveyors	1	0	-	
7	Safety Manager	1	1	-	
<b>B: PLANT AND EQUIPMENT</b>					
1	Truck mounted Crane	1	-	-	
2	Generators	4	2	1	
3	Welding Sets	1	1	-	
4	Complete Drilling Rig	3	2	1	
5	Hoisting equipment/ Winches	1	0	-	
6	Light duty trucks	5	3	1	
7	Compressors	5	3	2	
8	Sludge pumps	5	3	-	
9	Batch plants	1	0	-	
10	Concrete mixers (size)	3	1	1	
11	Water Surveying Equipment	5	2	1	
12	Porker Vibrator	2	1	1	
<b>C: LAND AND SERVICE FACILITIES</b>					
1	Office (qsm)	100	50	20	
2	Storage Yard (sqm)	1000	800	500	
3	Workshop (sqm)	200	150	100	
<b>D: SAFETY GEAR</b>					
1	Helmets	30	20	10	
2	Boots	30	20	10	
3	Gloves	30	20	10	
4	Overalls	30	20	10	
5	Safety Goggles	30	20	10	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

6	Ventilation Fans	20	10	5	
7	Mouth Masks	30	10	5	
8	Jackets	30	20	10	
9	Safety Belts	5	3	2	
10	Ear Plugs	30	20	10	
11	Safety Aid Kit	3	2	1	

- Not required

*(viii) criteria for registration of concrete works contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountants	1	1	-	
3	Structural/ Civil Engineer	1*	1**	-	
4	Quantity Surveyor	1	-	-	
5	Civil Engineering/Building Technician	2	1	1	
6	Electrician	2	1	1	
7	Artisans	6	3	2	
<b>B: TYPE OF EQUIPMENT</b>					
1	Mobile Volumetric Batching Plant/Mobile concrete dispenser (at least 25m <sup>3</sup> /hour)	2	1	-	
2	Concrete Batching Machine (at least 50m <sup>3</sup> /hour)	1	-	-	
3	Wheel Loader (min. capacity 100HP)	2	1	-	
4	Standard Mini – Truck Mixer (5m <sup>3</sup> and above)	4	2	-	
5	Concrete Pumps ( at least 15 m <sup>3</sup> per hour)	4	2	-	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

6	Concrete Dumpers (at least 1m <sup>3</sup> )	4	2	1	
7	Truck or Tippers ( at least 7 tons)	3	1	-	
8	Supervision vehicles (Pickups/Station Wagon or Van)	4	2	-	
9	Volumetric Concrete Mixers (2m <sup>3</sup> – 10m <sup>3</sup> )	5	3	2	
10	Concrete Vibrators	6	3	2	
11	Compact Power Trowels (1.5KW) ( proposed to be Power float)	4	2	1	
12	Re mixer agitators (2m <sup>3</sup> – 8m <sup>3</sup> )	-	-	-	
13	Water Storage Tanks (min. 5000 ltrs).	3	2	1	
14	Water pumps (at lest 3.0 HP)	4	2	1	
15	Levelling Instrument (e.g. Dumpy Level)	2	1	-	
16	Assortment of concrete finishing Tools[Bull float, Fresno Trowels, indent/pinking rollers, concrete rake/placers, wet & dry diamond drill rig, concreting tamping etc]	40	20	10	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	20	10	
2	Storage Yard (sqm)	2000	1500	800	
3	Workshop (sqm)	1500	1000	500	
<b>D: SAFETY GEAR</b>					
1	Overalls	50	30	20	
2	Helmets	50	30	20	
3	Boots	50	30	20	
4	First Aid Kit	5	3	1	



*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

5	Gloves	100	60	40	
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- \* Mandatory. Must be registered with Professional Board in the professional category
- Mandatory and must be registered with professional Board in the Graduate level or
- \*\* equivalent
- Not required

*(ix) criteria for registration of labour based road works contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1.	Head of Organization	1	1	1	
2.	Labour Based Trained Engineer	1	1	-	
3.	Labour Based Trained Supervisor/Technician	3*	2*	1*	
4.	Artisans	2	1	1	
<b>B: PLANT &amp; EQUIPMENT</b>					
1.	Tow Grader(s)	1	1	-	
2.	Tipper(s)	1	1	-	
3.	Tractor(s)	1	1	-	
4.	Trailer	2	1	-	
5.	Towed Water Bowser	1	1	-	
6.	Pedestrian Roller	2	1	-	
7.	Dead Weight Roller	1	1	-	
8.	Plate Compactor	1	-	-	
9.	Pick-Up/Van	1	-	-	
10.	Motor Cycle	1	1	-	
11.	Bicycle/Tricycle	-	-	1	
<b>C: HAND TOOLS</b>					
1.	Pick Axes/Mattocks	50	30	5	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

2.	Hoes	30	20	5	
3.	Shovels	60	30	5	
4.	Spreaders	30	15	5	
5.	Wheel Barrows	20	10	5	
6.	Earth Rammer	6	4	2	
7.	Watering Cans/Buckets	10	5	5	
8.	Water Storage Drums (200 Lts)	2	2	1	
9.	Matchettes	20	10	5	
10.	Slashers	20	10	5	
11.	Head Pans (Karais)	30	20	5	
<b>D: CONTROL/MEASUREMENT AIDS</b>					
1.	Camber Boards	10	5	2	
2.	Profile Boards	20	10	5	
3.	Line Levels	4	2	1	
4.	Spirit Levels	10	5	2	
5.	Ditch Templates	15	10	3	
6.	Side Sloping Templates	15	10	3	
7.	Ranging Rods	20	10	5	
8.	Boning Rods (set of 3)	4	2	1	
9.	Tape Measures (30m)	6	4	2	
10.	Tape Measures (5m)	6	4	2	
<b>E: LAND AND SERVICES FACILITIES</b>					
1.	Office (sqm)	20	15	10	
2.	Repair Workshop/Store (sqm)	50	30	-	
<b>F: SAFETY GEAR</b>					
1.	Helmets	10	5	2	
2.	Gum Boots (pairs)	10	5	2	

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*Tangazo la seriakli na. 744 (linaendelea)*

3.	Gloves (pairs)	10	5	2	
4.	Reflective Jackets	10	5	2	
5.	Reflective Cones	12	8	4	
6.	First Aid Kit	3	2	1	

- \* Mandatory.  
 - Not required

*(x) criteria for registration of bridges and flyovers contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization (Managing Director)	1	1	1	
2	Structural/Civil/Bridge Engineer	1*	1*	-	
3	Quantity Surveyor	1	1	-	
4	Accountant (Holder of Degree/ ADCA) Assistant Accountant be holder of At least diploma in Accountant)	1	1	-	
5	Civil/Bridge Engineering Technician (Holder of NTA 6 or Equivalent)	3	2	1	
6	Land Surveyor	1	1	-	
7	Artisan	4	3	2	
<b>B: REQUIRED EQUIPMENT</b>					
1	Excavator	1	-	-	
2	Backhoes	1	1	-	
3	Assortment of Hand tools	40	30	20	
4	Concrete Mixers (min 2m <sup>3</sup> /hr	3	2	1	
5	Generator Set	2	1	-	
6	Truck mounted crane	1	1	-	
7	Light Duty Vehicles (1	2	1	-	

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*Tangazo la seriakli na. 744 (linaendelea)*

	- 4 Tons)				
8	Low Loaders	1	-	-	
9	Non Tipping Trucks	1	-	-	
10	Pedestrian Rollers	2	1	-	
11	Plate Compactors	3	2	1	
12	Pneumatic Tyred Rollers	1	-	-	
13	Poker Vibrator	3	2	1	
14	Supervision vehicles	3	2	1	
15	Tandem Rollers	1	-	-	
16	Theodolite/Total Station	1	1	-	
17	Tipper Trucks (7 Tons and above)	2	1	-	
18	Vibrating Rollers	1	-	-	
19	Water Bowsers/Trailers	1	-	-	
20	Water Pumps	3	2	1	
21	Welding Set	3	2	1	

**C: LAND AND SERVICES FACILITIES**

1	Office (sqm)	100	60	50	
2	Storage Yard (sqm)	1000	800	500	
3	Workshop (sqm)	200	150	100	

**D: SAFETY GEAR**

1	Overalls/jackets/Dust coats	100	60	30	
2	Helmets	100	60	30	
3	Boots	100	60	30	
4	First Aid Kit	3	2	1	
5	Gloves	100	60	30	

\* Mandatory and Must be registered with Professional Board in the professional category

- Not required

*(xi) criteria for registration of road markings, Signage and furniture contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					

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*Tangazo la seriakli na. 744 (linaendelea)*

1	Head of Organization	1	1	1	
2	Civil / Mechanical Engineering Technician	2	1	1	
3	Artisans	3	2	1	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light duty vehicle	2	1	1	
2	Supervision Vehicle	2	1	1	
3	Road Marking Machine	3	2	1	
4	Pre heaters	3	2	1	
5	Manual Road Markers	3	2	1	
6	Marking Screed boxes	10	6	4	
7	Compressor	3	2	1	
8	Boilers (3 – Tons)	2	1	1	
9	Welding Machines	3	2	1	
10	Tool boxes	3	2	1	
11	Hand drills	5	3	2	
<b>C: LAND &amp; SERVICES FACILITIES</b>					
1	Office (sqm)	50	30	10	
2	Yard/Storage (sqm)	500	250	100	
<b>D: SAFETY GEAR</b>					
1	Helmets	30	20	10	
2	Safety cones	10	6	4	
3	Boots	30	20	10	
4	Reflective Jackets	30	20	10	
5	First Aid Kit	1	1	1	
6	Mouth Masks	30	20	10	
7	Gloves	30	20	10	

**PART B: CRITERIA FOR REGISTRATION SPECIALIST CONTRACTORS RELATED TO BUILDING WORKS**

*(i) criteria for registration of finishing and decorations contractors*

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Architect/Interior design Specialist	1*	1**	1**	
3	Civil Engineer	1	-	-	
4	Civil/Architectural Technician	3	2	1	
5	Artisans	3	2	1	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light Duty Vehicle	2	1	-	
2	Supervision Vehicle	2	1	1	
3	Generators	2	1	1	
4	Scaffoldings (Sqm)	1500	600	-	
5	Welding Machines	3	2	1	
6	Assortment of Hand tools	50	20	10	
<b>C: LAND &amp; SERVICES FACILITIES</b>					
1	Office (sqm)	50	30	10	
2	Workshop/Yard (sqm)	500	250	-	
<b>D: SAFETY GEAR</b>					
1	Helmets	30	20	10	
2	Boots	30	20	10	
3	Gloves	30	20	10	
4	Overcoats/Overalls	30	20	10	
5	First Aid Kit	2	1	1	

- \* Mandatory. Must be registered with relevant institutions at professional level
- \*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- Not required

*(ii) criteria for registration of water proofing installations  
contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
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*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

A: KEY PERSONNEL					
1	Head of Organization	1	1	1	
2	Civil Engineer	1*	-	-	
3	Civil / Building Technician	1**	1**	1**	
4	Artisans	4	1	1	
B: PLANT AND EQUIPMENT					
1	Tippers/Non tipping trucks	1	1	-	
2	Light duty vehicle	2	1	1	
3	Ladders (6m)	3	2	2	
4	High Pressure gas Torch burners	3	2	1	
5	Gas Cylinder (sets)	3	2	1	
6	Bitumen Boilers	1	-	-	
7	Roofing Rollers	2	1	1	
8	Hot air Welding machines	2	1	1	
9	Special Thermometer	2	1	1	
10	High pressure gas regulators	4	2	1	
11	Assortment of hand tools (brooms, axes, buckets etc)	15	10	10	
12	Grinders	3	2	1	
C: LAND & SERVICES FACILITIES					
1	Office (sqm)	20	15	1	
2	Workshop (sqm)	100	100	-	
3	Yard/Store (sqm)	150	150	-	
D: SAFETY GEAR					
1	Fire Extinguishers	3	2	1	
2	Helmets	10	5	2	
3	Boots	10	5	2	
4	Gloves	10	5	2	
5	Overalls	10	5	2	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

6	Safety Goggles	5	3	2	
7	Respirators	20	10	5	

- Mandatory, Must be registered with relevant institutions at professional level
- \* Mandatory and must be registered with professional Board in the graduate level or equivalent
- \*\*
- Not required

*(iii) criteria for registration of carpentry and joinery works contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY PERSONNEL</b>					
1	Head of organization	1	1	1	
2	Architect/Quantity Surveyor/Civil Engineer	1*	1**	-	
3	Building/Civil Technician	3	2	1	
4	Artisans	5	3	2	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light duty vehicle	2	1	-	
2	Supervision vehicle	3	1	1	
3	Timber drying oven (Kiln)	1	-	-	
4	Sanding machine	3	2	1	
5	Electric Planing machine	3	1	-	
6	Timber moulding/ Grooving machines	3	1	-	
7	Cutting/sawing machines	3	1	1	
8	Spraying machines	3	2	1	
9	Generator	1	1	1	
10	Working Benches	5	2	1	
11	Grinding machine	3	2	1	
12	Drilling machines	5	3	1	
13	Compressor	3	2	1	
14	Assortment of hand tools	15	10	5	



*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

C: LAND AND SERVICE FACILITIES					
1	Office (sqm)	50	30	10	
2	Workshop (sqm)	500	250	100	
3	Yard (qsm)	1000	500	250	
D: SAFETY GEAR					
1	Helmets	20	15	10	
2	Boots	20	15	10	
3	Gloves	20	15	10	
4	Overcoats/Overalls	20	10	10	
5	First Aid Kit	2	2	1	

- \* Mandatory, Must be registered with relevant institutions at professional level
- \*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- Not required

*(iv) criteria for registration of demolition contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
A: KEY STAFF					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Civil Engineer/Quantity Surveyor/Architect	1*	1**	-	
4	Civil Engineering Technicians	3	1	1	
5	Electrical Engineering Technician/Artisan	2	1	-	
6	Explosive Expert	1	-	-	
7	Artisans	4	2	1	
8	Safety Officer	1	1	1	
B: PLANT AND EQUIPMENT					

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

1	Backhoe/Excavator (fitted with appropriate demolition tool)	2	1	-	
2	Excavator Demolition attachments (e.g. Eccentric rippers, breakers (hydraulic jackhammer), couplers, Magnets, Grabs etc.)	30	20	-	
3	Compressors (for pneumatic jackhammer), min capacity 320x240 pixels.	3	2	1	
4	Jackhammer (set – pneumatic & electromechanical) – min capacity 400x500 pixels/450x188pixels	3	2	1	
5	Loaders (Min capacity 100HP)	2	1	-	
6	Tippers/Dump Trucks (7 Tons and above)	6	3	-	
7	Supervision vehicle (Pick up/Station Wagon)	2	1	-	
8	Lifting/hoisting equipment ( at least 1 ton)	3	2	1	
9	Cutting Machine (Metal cutter, Chain/Ring saw, powered floor saw cut etc.)	10	5	3	
10	Generator sets ( at least 1.5 KVA)	2	1	1	
11	Assortment of Carpentry & Mechanical tool boxes	3	2	1	
<b>C: LAND AND SERVICE FACILITIES</b>					
1	Office (sqm)	50	30	10	
2	Workshop (sqm)	500	250	100	
3	Yard (sqm)	1000	500	250	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

D: SAFETY GEAR					
1	Helmets	20	15	10	
2	Boots	20	15	10	
3	Gloves	20	15	10	
4	Overcoats/Overalls	20	10	10	
5	First Aid Kit	2	2	1	

- Mandatory and Must be registered with Professional Board in the professional category
- \* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- \*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- Not required

*(v) criteria for registration of pre-fabricated buildings contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY PERSONNEL</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	-	-	
3	Civil Engineer	1*	1**	-	
4	Civil Technicians	2	1	1	
5	Mechanical Technician***	1	1	-	
6	Artisan	6	5	2	
7	Safety officer	1	-	-	
<b>B: PLANT AND EQUIPMENT</b>					
1	Tipper/Truck (Not less than 7 tons)	2	1	-	
2	Truck mounted with crane (5 tons)	1	1	-	
3	Light Duty Vehicles	2	2	-	
4	Supervision Vehicle	2	1	-	
5	Crane (5-10 Tons)(Bridge or mobile crane)	1	-	-	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

6	Concrete mixers (not less than 1.50 Cu. M. capacity)	3	2	1	
7	Concrete/Poker vibrators	3	2	1	
8	Plate Compactors	3	2	1	
9	Electric grinders	5	3	2	
10	Drilling machines	5	3	2	
11	Leveling instruments)	2	1	1	
12	Metal scaffoldings (Sq. meters)	1200	800	400	
13	Welding Equipment (Sets)	4	3	2	
14	Generators	2	1	1	
15	Assortment of spanners (boxes)	3	2	1	
16	Assortment of hand tools (shovels, buckets, pick axes, chisels, hammers, axes)	50	20	15	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	20	10	
2	Storage Yard (sqm)	2000	1500	800	
3	Workshop (sqm)	1500	1000	500	
<b>D: SAFETY GEAR</b>					
1	Overalls	50	30	20	
2	Helmets	50	30	20	
3	Boots	50	30	20	
4	First Aid Kit	5	3	1	
5	Gloves	100	60	40	

- \* Mandatory and Must be registered with Professional Board in the professional category
- \*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- \*\*\* Recommended but not mandatory

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

- Not required

*(vi) criteria for registration of conservation of old buildings*

contractors

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY PERSONEL</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	-	-	
3	Civil Engineer	1	1	-	
4	Architect	1	1	-	
5	Architectural Technicians	2	1	1	
6	Artisan	6	4	2	
7	Safety officer	1	-	-	
<b>B: PLANT AND EQUIPMENT</b>					
1	Truck (above 7 tons)	1	-	-	
2	Light Duty Vehicles	2	1	-	
3	Supervision Vehicle	2	1	1	
4	Hoisting equipment	1	-	-	
5	Kilns (not less than 1 Cu.m capacity)	3	2	1	
6	Mangrove wooden/hardwood support size 150x150mm. (not less than 6 metres long)	300	200	100	
7	Metal scaffoldings (Sq. metres)	1200	600	200	
8	Plastic drums (1000 litres capacity)	4	2	1	
9	Sisal/nylon ropes (50 metres)	50	30	20	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

10	Assortment of hand tools (shovels, buckets, wire brushes, axes, hammers, chisels)	100	60	40	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	30	20	10	
2	Workshop (sqm)	50	-	-	
3	Yard/Storage/store (sqm)	200	100	20	
<b>D: SAFETY GEAR</b>					
1	Helmets	50	15	5	
2	Boost	50	15	5	
3	Gloves	50	15	5	
4	Overalls/Reflective jackets	50	15	5	
6	First Aid Kit	1	1	1	
7	Safety Harness	3	2	-	

- Not required

*(vii) criteria for registration of precast unit production contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY PERSONNEL</b>					
1	Head of Organization	1	1	1	
2	Accountants	1	1	-	
3	Structural/ Civil Engineer	1*	1**	-	
4	Quantity Surveyor	1	-	-	
5	Civil Engineering/Building Technician***	2	1	1	
6	Electrician	2	1	1	
7	Artisans	6	3	2	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

B: PLANT AND EQUIPMENT					
1	Mobile Volumetric Batching Plant/Mobile concrete dispenser (at least 25m <sup>3</sup> /hour)	2	1	-	
2	Concrete Batching Machine (at least 50m <sup>3</sup> /hour)	1	-	-	
3	Wheel Loader (min. capacity 100HP)	2	1	-	
4	Standard Mini – Truck Mixer (5m <sup>3</sup> and above)	2	1	-	
5	Concrete Dumpers (at least 1m <sup>3</sup> )	3	2	1	
6	Truck or Tipplers ( at least 7 tons)	3	1	1	
7	Supervision vehicles (Pickups/Station Wagon or Van)	3	2	1	
8	Volumetric Concrete Mixers (2m <sup>3</sup> – 10m <sup>3</sup> )	4	3	2	
9	Concrete Vibrators	5	3	2	
10	Re mixer agitators (2m <sup>3</sup> – 8m <sup>3</sup> )	-	-	-	
11	Water Storage Tanks (min. 5000 ltrs).	3	2	1	
12	Water pumps (at least 3.0 HP)	4	2	1	
13	Assortment of concrete finishing Tools (Bull float, Fresno Trowels, indent/pinking rollers, concrete rake/placers, wet & dry diamond drill rig, concreting tamping etc)	40	20	10	
C: LAND AND SERVICES FACILITIES					

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

1	Office (sqm)	50	20	10	
2	Workshop (sqm)	1500	1000	500	
3	Storage Yard (sqm)	2000	1500	800	
<b>D: SAFETY GEAR</b>					
1	Overalls	50	30	20	
2	Helmets	50	30	20	
3	Boots	50	30	20	
4	First Aid Kit	5	3	1	
5	Gloves	100	60	40	

- \* Mandatory. Must be registered with Professional Board in the professional category
- Mandatory and must be registered with professional Board in the Graduate level or equivalent
- \*\*
- Not required

**PART C: CRITERIA FOR REGISTRATION OF SPECIALIST CONTRACTORS RELATED TO MECHANICAL WORKS**

*(i) criteria for registration of marine vessels fabrication and maintenance contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	1	
3	Naval Architect	1	1	-	
4	Marine/Mechanical Engineer**	1	1	-	
5	Ship/Boat Building Engineer**	2	1	-	
6	Boat Building Technicians/Supervisors	5	3	2	
7	Artisans	6	3	2	
<b>B: PLANT AND EQUIPMENTS</b>					
1	Light Duty Vehicles	2	1	1	
2	Welding Machines	3	1	1	
3	Plasma/Gas Welding/Cutting Set	2	1	1	



*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

4	Compressor	3	2	1	
5	Hand grinders	5	3	2	
6	Hand drills	6	3	2	
7	Lifting Equipment	6	3	2	
8	Complete Mechanical Tool Boxes	3	2	1	
9	Generator	2	1	1	
10	Wood working machines	7	4	3	
11	Diving fins Painting/Spray Equipment	7	4	3	
12	Pipe bender/Cutters	3	2	1	
13	Dredging Equipment	1	1	-	
<b>C: LAND AND SERVICE FACILITIES</b>					
1	Office (sqm)	50	20	10	
2	Workshop/Yard (sqm)	100	50	20	
<b>D: SAFETY GEAR</b>					
1	Helmets	10	8	5	
2	Boots	10	8	5	
3	Gloves	10	8	5	
4	Overalls/Overcoats	10	8	5	
5	First Aid Kit	1	1	1	

Mandatory and must be registered with professional Board in the Graduate level or equivalent

\*\*  
- Not required

*(ii) criteria for registration fabrication and installation of tanks contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
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*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

A: KEY STAFF					
1	Head of Organization	1	1	1	
2	Accountant	1	1	1	
3	Mechanical Engineer	1	1	-	
4	Mechanical Engineer Technicians	3	1	1	
5	Electrical Engineering Technician/ Artisan	2	1	-	
6	Artisans	6	3	2	
B: PLANT AND EQUIPMENTS					
1	Light Duty Vehicles	2	1	1	
2	Truck vehicles	1	-	-	
3	Hand grinders	3	2	1	
4	Hand drills	3	2	1	
5	Welding Equipment	3	1	1	
6	Complete Tool Boxes	6	3	2	
7	Pipe cutter/Bender	2	1	1	
8	Mechanical Testing Equipment	2	1	1	
9	Electrical Testing equipment	3	2	1	
10	Lifting / hoisting equipment	3	2	1	
11	Stocks and Dies	3	2	1	
12	Power Press	1	1	-	
13	Compressor	2	1	1	
14	Generators	2	1	1	
15	Sheet Rolling Machine	2	1	-	
16	Truck mounted crane	1	-	-	
C: LAND AND SERVICE FACILITIES					

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

1	Office (sqm)	30	20	10	
2	Workshop/Yard (sqm)	200	100	-	
<b>D: SAFETY GEAR</b>					
1	Helmets	10	8	5	
2	Boots	10	8	5	
3	Gloves	10	8	5	
4	Overalls/Overcoats	10	8	5	
5	First Aid Kit	1	1	1	

- Not required

*(iii) criteria for registration of installation and maintenance of  
laboratory (medical) equipment contractors.*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical engineer	1*	1	-	
4	Mechanical Engineering Technicians	2	1	1	
5	Electricians	2	1	-	
6	Artisans	6	3	2	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light Duty Vehicles	2	1	1	
2	Truck Vehicles	1	-	-	
3	Hand Grinders	3	2	1	
4	Hand drills	3	2	1	
5	Welding Equipment	3	2	1	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

6	Complete Tool Boxes	6	3	2	
7	Pipe cutter/Bender	2	1	1	
8	Mechanical Testing Equipment	2	1	1	
9	Electrical Testing Equipment	3	2	1	
10	Lifting/hoisting equipment	3	2	1	
11	Stocks and Dies	3	2	1	
12	Power press	1	1	-	
13	Compressor	2	1	1	
14	Generators	2	1	1	
15	Sheet rolling Machine	2	1	-	
16	Truck mounted crane	1	-	-	
17	Complete tool boxes	4	3	2	

**C: LAND AND SERVICES FACILITIES**

1	Office (sqm)	30	20	10	
2	Yard/Storage (sqm)	200	100	-	

**D: SAFETY GEAR**

1	Helmets	20	10	3	
2	Boots	20	10	3	
3	Gloves	20	10	3	
4	Overalls	20	10	3	
5	First Aid Kit	1	1	1	

\* Mandatory, Must be registered with relevant institutions at professional level

\*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent

- Not required

*(iv) criteria for registration of lifts and escalators installation and maintenance contractors*

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical Engineer	1*	1**	-	
4	Mechanical Technicians	3	2	1***	
5	Electrical Technicians	1	1	1	
6	Artisan	5	3	2	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light duty vehicle	3	1	-	
2	Supervision Vehicles	3	2	1	
3	Complete tool box (Mechanical)	5	3	2	
4	Hand drill	5	3	2	
5	Hand grinder	3	2	1	
6	Welding equipment	3	2	1	
7	Lifting equipment	1	1	-	
8	Metal cutter/Bender	1	1	1	
9	Generator	1	1	-	
10	Compressor	1	-	-	
11	Soldering equipment	5	3	2	
12	Ladders	6	3	2	
13	Testing equipment	5	3	2	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	30	10	
2	Workshop/Yard (sqm)	500	200	100	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

D: SAFETY GEAR					
1	Helmets	30	20	10	
2	Boots	30	20	10	
3	Gloves	30	20	10	
4	Overcoats/Overall	30	20	10	
5	First Aid Kit	2	1	1	
6	Safety Belts	6	4	2	

- \* Mandatory and Must be registered with Professional Board in the professional category
- \*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- \*\*\* Recommended but not mandatory
- Not required

*(v) criteria for installation and maintenance of workshop,  
mill, quarry systems and industrial plant contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
A: KEY STAFF					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical Engineer	1*	1**	-	
4	Mechanical Engineering Technicians	3	1	1	
5	Electrical Engineering Technician	2	1	-	
6	Artisan	6	3	2	
7	Safety Officer	1	-	-	
B: TYPE OF EQUIPMENT					

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

1	Supervision vehicle (1ton or below - 4 wheel drive)	2	1	-	
2	Truck Vehicles(1-4tons)	2	1	-	
3	Hand/Bench Grinders	3	2	1	
4	Hand drills	3	2	1	
5	Oxy/Acetylene gas welding set	3	2	1	
6	Arc Welding Equipment(20Amps or more)	3	2	1	
7	Mig/Tig Welding equipment(50Amps or more)	1	-	-	
8	Complete mechanical Tool Boxes	6	3	2	
9	Metal cutter	2	1	1	
10	Metal Bender	2	1	1	
11	Mechanical Testing Equipment	2	1	1	
12	Electrical Testing Equipment	3	2	1	
13	Lifting/hoisting equipment(1ton and above)	3	2	1	
14	Bridge / Mobile crane(10 tons or above)	1	-	-	
15	Pressure Testing Equipment	3	2	1	
16	Assortment of Jacks(1-2tons)	1	1	-	
17	Compressor(7-10bars)	2	1	1	
18	Generators(1.5-3 KVA)	2	1	1	
19	Stokes & Dies(Set)	-	-	-	
20	Power press(Above 5 tons)	1	1	-	
21	Bearing puller(Extractor)	4	2	1	
22	Lathe Machine	1	-	-	
23	Milling machine	1	-	-	
24	Column Drilling Machines	2	1	-	

**Contractors Registration (Amendment) By-Laws**

*Tangazo la seriakli na. 744 (linaendelea)*

<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	30	10	
2	Workshop/Yard (sqm)	500	200	100	
<b>D: SAFETY GEAR</b>					
1	Helmets	30	20	10	
2	Boots	30	20	10	
3	Gloves	30	20	10	
4	Overcoats/Overall	30	20	10	
5	First Aid Kit	2	1	1	
6	Safety Belts	6	4	2	

\* Mandatory and Must be registered with Professional Board in the professional category

\*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent

- Not required

*(vi) criteria for registration of aluminum , metal and glass works contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	1	
3	Mechanical Engineer	1*	1**	-	
4	Mechanical Eng. Technicians	2	1	1	
5	Artisans	6	3	2	
<b>B: PLAND AND EQUIPMENT</b>					
1	Light Duty Vehicles	2	1	-	
2	Supervision vehicle	2	1	1	



*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

3	Truck	1	-	-	
4	Metal cutting machines	5	3	1	
5	Metal bending machine	2	1	1	
6	Glass cutting machines	3	2	1	
7	Generator	2	1	1	
8	Hand grinders	4	2	1	
9	Hand drills	4	2	1	
10	Complete Mechanical Tool Boxes	3	2	1	
11	Welding set	2	1	1	

**C: LAND AND SERVICE FACILITIES**

1	Office (sqm)	50	20	10	
2	Workshop/Yard (sqm)	100	50	20	

**D: SAFETY GEAR**

1	Helmets	10	8	5	
2	Boots	10	8	5	
3	Gloves	10	8	5	
4	Overalls/Overcoats	10	8	5	
5	First Aid Kit	1	1	1	

Mandatory and Must be registered with Professional Board in the professional category

\*

Mandatory and must be registered with professional Board in the Graduate level

\*\*

or equivalent

-

Not required

*(vii) criteria for registration of scaffolding and formworks contractors*

S/NO	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	

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2	Accountant	1	1	-	
3	Mechanical/Civil/Building Technician	3	2	1	
4	Artisans	5	3	2	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light Duty Vehicles	2	1	-	
2	Supervision Vehicle	3	1	1	
3	Hand Grinders	3	2	-	
4	Hand drills	3	2	1	
5	Welding Equipment	3	2	1	
6	Bench vices	2	1	1	
7	Scaffolding pipes and Associated Equipment (sqm)	1000	600	300	
8	Leveling instruments	3	2	1	
9	Lifting/hoisting equipment	3	2	1	
10	Complete tool boxes	5	3	2	
11	Metal cutter/bender	3	2	1	
12	Stocks and Dies	3	2	1	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	30	20	10	
2	Workshop/Yard (sqm)	500	250	100	
<b>D: SAFETY GEAR</b>					
1	Helmets	30	20	10	
2	Boots	30	20	10	
3	Gloves	30	20	10	
4	Overalls	30	20	10	
5	Safety Goggles	10	6	4	

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6	Mouth Masks	30	20	10	
7	First Aid Kit	3	2	1	

- Not required

*(viii) criteria for registration of plumbing and sanitation contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical/Civil/Water Resource Engineer	1*	1	-	
4	Mechanical/Civil/Water Resource Technician	3	2	1	
5	Plumber / Pipe fitters (Artisan)	5	1	1	
<b>B: PLANT AND EQUIPMENTS</b>					
1	Light Duty Vehicle	2	1	-	
2	Supervision Vehicle	2	1	1	
3	Heavy Duty Vehicle	1	-	-	
4	High Pressure pump	1	1	-	
5	Pipe Threading	2	1	1	
6	Hand Grinder	2	1	1	
7	Compressor	1	1	1	
8	Hand Drilling Machine	3	2	1	
9	Hydraulic pipe Bender	2	1	-	
10	Power Hacksaw	1	1	-	
11	Water tankers	1	-	-	
12	Pipe wrenches	5	3	2	
13	Chain wrenches	3	3		
14	Water pump	3	1	1	
15	Hand tools (Assorted)	-	-	-	
16	Testing Equipment	8	4	2	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	60	30	10	

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2	Workshop/Yard (sqm)	500	299	20	
<b>D: SAFETY GEAR</b>					
1	Gloves	8	4	2	
2	Overall/Overcoat	8	4	2	
3	Industrial boot	8	4	2	
4	Helmets	8	4	2	
5	Welding shield/googles	8	4	2	
6	First Aid Box	1	1	1	

\* Mandatory. Must be registered with Professional Board in the professional category

- Not required

*(ix) criteria for registration of heating, ventilation & air conditioning contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1.	Head of organization	1	1	1	
2.	Accountant	1	1	-	
3.	Refrigeration Engineer/Mechanical Engineer	1*	1	-	
4.	Refrigeration/Air-conditioning/Mechanical Technician	3	2	1	
5.	Electrical Engineering Technician/Electrician	2	1	-	
6	Artisans	3	2	1	
<b>B: PLANT AND EQUIPMENT</b>					
1	Vacuum pump(s)	3	2	1	
2.	Welding Equipment (set)	3	2	1	
3.	Tube cutter/Bender	4	2	1	
4.	Complete tool box	6	4	2	
5.	Hand Grinder	2	1	1	

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6.	Hand Drills	4	2	1	
7.	Pop rivet gun	2	1	1	
8.	Air compressors (min 1 H.P 0.75kw)	3	1	1	
9.	Ladders (5m length)	8	4	2	
10.	Hydraulic trolleys	2	1	-	
11.	Light duty vehicle	2	1	-	
12.	Supervision vehicle	2	1	1	
13.	Sheet cutting machine	2	1	-	
14.	Trucks (5tons and above)	2	-	-	
15.	Flaring tool	4	3	1	
16.	Blowers	2	1	1	
17.	Leakage testers	2	1	1	
18.	Generators (min 3.5KVA)	2	1	-	
19.	Testing Equipment (Amprobe, Avometer, Gauges)	2	1	1	
<b>C: LAND AND SERVICES FACILITY</b>					
1.	Office (sqm)	60	30	10	
2.	Workshop/Yard (sqm)	300	200	20	
<b>D: SAFETY GEAR</b>					
1.	Gloves	8	4	2	
2.	Overall/Overcoats	8	4	2	
3.	Industrial boots	8	4	2	
4.	Nose/Mouth masks	8	4	2	
5.	Helmets	8	4	2	

Mandatory and Must be registered with Professional Board in the professional category

\*

- Not required

*(x) criteria for registration of sandblasting contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
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*Tangazo la seriakli na. 744 (linaendelea)*

A: KEY STAFF					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical engineer	1*	1	-	
4	Mechanical Engineering Technicians	2	1**	1**	
5	Artisans	6	3	2	
B: PLANT AND EQUIPMENT					
1	Light Duty Vehicles	1	-	-	
2	Truck Vehicles	1	-	-	
3	Welding Equipment	3	2	1	
4	Ladders	4	3	2	
5	Lifting/hoisting equipment	1	-	-	
6	Power press	1	1	-	
7	Compressor	2	1	1	
8	Generators	2	1	1	
9	Supervision vehicle	2	1	1	
10	Complete tool boxes	4	3	2	
11	Hand tools	20	15	10	
C: LAND AND SERVICES FACILITIES					
1	Office (sqm)	30	20	10	
2	Workshop/Yard (sqm)	200	100	-	
D: SAFETY GEAR					
1	Helmets	20	10	3	
2	Boots	20	10	3	
3	Gloves	20	10	3	
4	Overalls	20	10	3	
5	First Aid Kit	1	1	1	

Mandatory and Must be registered with Professional Board in the professional

\* category

Mandatory and must be registered with professional Board in the Graduate level or

\*\* equivalent

- Not required

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*Tangazo la seriakli na. 744 (linaendelea)*

*(xi) criteria for registration of automobiles assembling and maintenance contractors*

S/NO	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical Engineer	1	1	-	
4	Mechanical Engineering Technician	2	1	1	
5	Auto Electrician	2	1	-	
6	Welder / Panel Beater	3	1	1	
7	Artisans	4	2	1	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light Duty Vehicle	2	1	-	
2	Supervision Vehicle	3	2	1	
3	Arc Welding Machines	3	2	1	
4	Gas Welding Set	2	1	1	
5	Assortment of Jacks	4	2	1	
6	Greasing Equipment	2	1	1	
7	Compressor	2	1	1	
8	Lifting Equipment	1	1	1	
9	Complete Tool Boxes (Machines)	4	2	2	
10	Power Press	1	-	-	
11	Hand Drills	10	5	2	
12	Hand Grinders	2	2	1	
13	Truck Mounted Crane	1	-	-	
14	Inspection Pit/ Equipment	1	1	1	
15	Testing Equipment	1	1	1	
16	Panel Beating / Car Body Repair Equipment	1	1	1	

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*Tangazo la seriakli na. 744 (linaendelea)*

17	Bending Machines	1	1	1	
18	Spraying Gun	3	2	1	
C: LAND AND SERVICES FACILITIES					
1	Office (sqm)	50	30	10	
2	Workshop (sqm)	500	200	100	
3	Yard (sqm)	1000	500	-	
D: SAFETY GEAR					
1	Boots	30	20	10	
2	Overalls	30	20	10	
3	Gloves	30	20	10	
4	Goggles / Welding shield	30	20	10	
5	First Aid Kit	1	1	1	

- Not required

*(xii) criteria for registration of pre fabrication and erection of steel structures contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
A: KEY STAFF					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical engineer	1*	1	-	
4	Mechanical Engineering Technicians	3	1	1	
5	Electricians	1	1	-	
6	Artisans	6	3	2	
7	Safety officer	1	0	0	
B: PLANT AND EQUIPMENT					
1	Supervision vehicle	3	2	1	
2	Truck Vehicles(above 4 tons)	2	1	-	



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3	Truck mounted crane(7tons or above)	2	1	-	
4	Hand Grinders	5	3	2	
5	Hand drills	3	2	1	
6	Welding Equipment	4	3	2	
7	Complete Tool Boxes	6	3	2	
8	Metal cutter/Bender	2	1	1	
9	Leveling instrument	2	1	1	
10	Lifting/hoisting equipment	3	2	-	
11	Stocks and Dies	3	2	1	
12	Compass	4	2	1	
13	Distance meter(1km)	2	1	1	
14	Generators(3- 5KVA)	2	1	1	
15	Inclinometer	2	1	1	
16	Global Positioning System equipment(GPS)	2	1	1	
17	Jim Poles (with associated pulleys)	3	2	1	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	30	20	10	
2	Workshop/Yard (sqm)	200	100	-	
<b>D: SAFETY GEAR</b>					
1	Helmets	40	30	15	
2	Boots	40	30	15	
3	Gloves	40	30	15	
4	Overalls	40	30	15	
5	First Aid Kit	2	1	1	

\* Mandatory. Must be registered with relevant institutions at professional level

- Not required

*(xiii) criteria for registration of railway tracks contractors*

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of organization	1	1	1	
2	Accountant	1	1	-	
3	Civil Engineer	2*	1*	-	
4	Civil/Railway Technicians	3	2	1	
5	Permanent Way Inspectors	3	2	1	
6	Mechanical Technicians	3	2	1	
7	Artisans	10	4	2	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light duty vehicle	3	1	1	
2	Heavy duty vehicle	2	1	-	
3	Concrete mixers	2	1	-	
4	Poker Vibrators	2	1	1	
5	Compressor	2	1	1	
6	Welding set	2	1	1	
7	Water pumps	5	2	1	
8	Generator	2	1	1	
9	Leveling Instruments	2	2	1	
10	Hand tools (Assortment of Track spanners and civil hand tools)	100	40	20	
11	Hand Grinders	4	2	1	
12	Drill Machines	6	3	2	
13	Motorized Rail Cutting Machines	3	2	1	
14	Universal Geiser Track Measuring Equipment	2	1	1	
15	Track jacks	3	1	1	
16	Rail gauge	2	1	1	
17	Balart forks	3	2	1	

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*Tangazo la seriakli na. 744 (linaendelea)*

C: LAND AND SERVICES FACILITIES					
1	Office (sqm)	60	20	10	
2	Workshop/Yard (sqm)	500	100	-	
D: SAFETY GEAR					
1.	Gloves	100	50	20	
2.	Overcoats	100	50	20	
3.	Boots	100	50	20	
4.	Helmets	100	50	20	
5.	First Aid Box	3	2	1	

Mandatory and Must be registered with Professional Board in the professional

\* category

- Not required

*(xv) criteria for registration of billboard contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
A: KEY STAFF					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Mechanical engineer	1*	1**	-	
4	Mechanical Engineering Technicians	3	1	1	
5	Electricians	1	1	-	
6	Artisans/welders	6	3	2	
7	Safety officer	1	-	-	
B: PLANT AND EQUIPMENT					
1	Supervision vehicle	2	1	1	
2	Truck Vehicles(above 4 tons)	1	-	-	
3	Truck mounted crane(7tons or above)	1	-	-	

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*Tangazo la seriakli na. 744 (linaendelea)*

4	Hand Grinders	3	2	1	
5	Hand drills	3	2	1	
6	Welding Equipment	3	2	1	
7	Complete Tool Boxes	4	2	1	
8	Metal cutter/Bender	2	1	1	
9	Leveling instrument	2	1	-	
10	Lifting/hoisting equipment	2	1	-	
11	Stocks and Dies	3	2	1	
12	Compass	4	2	1	
13	Distance meter(1km)	2	1	1	
14	Generators(3- 5KVA)	2	1	-	
15	Inclinometer	2	1	1	
16	Global Positioning System equipment(GPS)	2	1	1	
17	Jim Poles (with associated pulleys)	3	2	1	
18	Testing Equipment (Amprobe, Avometer, Gauges)	2	1	1	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	30	20	10	
2	Workshop/Yard (sqm)	200	100	-	
<b>D: SAFETY GEAR</b>					
1.	Gloves	8	4	2	
2.	Overall/Overcoats	8	4	2	
3.	Industrial boots	8	4	2	
4.	Nose/Mouth masks	8	4	2	
5.	Helmets	8	4	2	

- Mandatory and Must be registered with Professional Board in the professional category
- \* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- \*\*
- Not required

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*Tangazo la seriakli na. 744 (linaendelea)*

**PART D: CRITERIA FOR REGISTRATION OF SPECIALIST CONTRACTORS RELATED TO ELECTRICAL WORKS**

*(i) criteria for registration of criteria security systems,*

*telecommunication and ict systems installation*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Electrical /Electronics/Telecommunication /ICT Engineer	1 <sup>x</sup>	1 <sup>**</sup>	-	
4	Telecommunication Engineer	1	-	-	
5	Telecommunication/ICT / Electronics Technicians	2	1	1	
6	Artisans/Telecommunication/ Electronics/ICT	4	2	1	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light duty Vehicle	2	1	-	
2	Supervision Vehicle	2	1	1	
3	Truck (5 tones and above)	1			
4	Network/Spectrum Analyzers	3	2	1	
5	Ladders	10	5	3	
6	Electronic/Telecommunications Tool Kit	5	3	2	
7	Fibre Optic Termination Equipment	5	3	2	
8	Network Testers	5	3	2	
9	Cable Cutters	5	2	1	
10	Hand drills	5	3	2	

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*Tangazo la seriakli na. 744 (linaendelea)*

11	Programmed Telecommunications Laptops	5	3	2	
12	Splicing Machine	5	3	2	
13	Tone Generator	5	3	2	
14	Fiber Clipping Tool	5	3	1	
15	Soldering Equipment	5	2	1	
16	Labeling Machine	5	3	2	
17	Blowers	3	2	1	
18	Distance Meter	3	2	1	
19	Oscilloscope	2	1	1	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	30	10	
2	Workshop (sqm)	200	100	50	
<b>D: SAFETY GEAR</b>					
1	Overalls	30	20	10	
2	Helmets	30	20	10	
3	Boots	30	20	10	
4	First Aid Kit	2	1	1	
5	Safety Belts	10	5	3	
6	Gloves	30	20	10	

- \* Mandatory and Must be registered with Professional Board in the professional category
- \*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent
- Not required  
*(ii) criteria for registration of power generation and distribution*

S/NO	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	

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3	Electrical/Mechanical /Electromechanical Engineer	1*	1**	-	
4	Electrical/Electromechanical Engineering Technicians	2	1	1	
5	Mechanical Engineering Technician	2	1	-	
6	Artisans	6	3	2	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light Duty Vehicles	2	1	-	
2	Supervision Vehicle	2	1	1	
3	Truck (5 Tones and above)	1	-	-	
4	Hand Grinders	3	2	1	
5	Hand drills	3	2	1	
6	Welding Equipment	3	2	1	
7	Complete Tool Boxes	6	3	2	
8	Pipe cutter/Bender	2	1	1	
9	Mechanical Testing Equipment	2	1	1	
10	Electrical Testing Equipment	3	2	1	
11	Lifting/hoisting equipment	3	2	1	
12	Stocks and Dies	3	2	1	
13	Manfold Gauges	5	3	2	
14	Soldering Guns	5	3	2	
15	Ladders	10	6	3	
16	Back Up Systems	3	2	1	
17	Battery Charger	3	2	1	
18	Avometer	6	4	2	
19	Generators	3	2	1	

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*Tangazo la seriakli na. 744 (linaendelea)*

C: LAND AND SERVICES FACILITIES					
1	Office (sqm)	30	20	10	
2	Yard/Storage (sqm)	200	100	-	
D: SAFETY GEAR					
1	Helmets	20	10	3	
2	Boots	20	10	3	
3	Gloves	20	10	3	
4	Overalls	20	10	3	
5	First Aid Kit	1	1	1	

Mandatory. Must be registered with Professional Board in the professional category

\*

Mandatory and must be registered with professional Board in the Graduate level or equivalent

\*\*

-

Not required

*(iii) criteria for registration of powerlines and systems contractors*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
A: KEY STAFF					
1	Head of Organization	1	1	1	
2	Accountant	1	1	0	
3	Electrical Engineer	1 <sup>x</sup>	1 <sup>**</sup>	0	
4	Live Line Electrical Technicians	2	1	1	
5	Electrical Engineering Technician	3	2	1	
6	Artisans	4	2	1	
B: PLANT AND EQUIPMENT					
1	Light duty Vehicle	3	2	0	
2	Heavy duty Vehicle	2	1	-	
3	Supervision Vehicle	3	2	1	



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*Tangazo la seriakli na. 744 (linaendelea)*

4	Bucket Truck	2	1	-	
5	Truck mounted crane/ Hoisting Equipment	2	1	0	
6	Insulated platform	10	5	2	
7	Insulated Ladder	5	3	2	
8	Chain saws	6	3	2	
9	Assortment of Hot sticks and associated working Equipment	6	3	2	
10	Testing Equipment	5	3	2	
11	Pole wrenches	5	3	2	
12	Pole climbing Equipment	10	5	2	
13	Hand drills	5	3	2	
14	Hand Grinders	5	3	2	
15	Compressors	3	2	1	
16	Generator	3	2	1	
17	Complete Tool Boxes	6	3	2	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	30	10	
2	Services Workshop (sqm)	500	300	100	
3	Yard (sqm)	1000	500	200	
<b>D: SAFETY GEAR</b>					
1	Conductive suit	6	3	2	
2	Conductive boots	6	3	2	
3	Safety belts	6	3	2	
4	Insulated Blankets	6	3	2	
5	Insulated Gloves	6	3	2	
6	Overalls	30	20	10	
7	Helmets	30	20	10	

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8	Boots	30	20	10	
9	First Aid Kit	2	1	1	

\* Mandatory and Must be registered with Professional Board in the professional category

\*\* Mandatory and must be registered with professional Board in the Graduate level or equivalent

- Not required

*(iv) criteria for registration of construction and maintenance of live lines*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	0	
3	Electrical Engineer	1*	1*	1*	
4	Live Line Electrical Technicians	6	4	2	
5	Electrical Engineering Technician	3	2	1	
6	Artisans	4	2	1	
<b>B: PLANT AND EQUIPMENT</b>					
1	Light duty Vehicle	4	3	2	
2	Heavy duty Vehicle	3	2	1	
3	Supervision Vehicle	4	3	2	
4	Bucket Truck	4	3	2	
5	Truck mounted crane/ Hoisting Equipment	3	2	2	
6	Insulated platform	10	5	2	
7	Insulated Ladder	5	3	2	
8	Chain saws	8	6	4	
9	Assortment of Hot sticks and associated working Equipment	10	7	5	

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*Tangazo la seriakli na. 744 (linaendelea)*

10	Testing Equipment	5	3	2	
11	Pole wrenches	8	5	3	
12	Pole climbing Equipment	10	5	3	
13	Hand drills	6	4	3	
14	Hand Grinders	6	4	3	
15	Compressors	4	3	2	
16	Generator	4	3	2	
17	Complete Tool Boxes	10	5	3	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	30	20	
2	Services Workshop (sqm)	500	300	200	
3	Yard (sqm)	1000	500	300	
<b>D. SAFETY GEAR</b>					
1	Conductive suit	8	5	4	
2	Conductive boots	10	8	6	
3	Safety belts	10	8	6	
4	Insulated Blankets	10	8	6	
5	Insulated Gloves	30	20	10	
6	Overalls	30	20	10	
7	Helmets	30	20	10	
8	Boots	30	20	10	
9	First Aid Kit	4	3	2	

\* Mandatory and Must be registered with Professional Board in the professional category

*(v) criteria for registration of fire detection and warning systems contractors*

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

S/NO.	RESOURCE	CLASS ONE	CLASS TWO	CLASS THREE	REMARKS
<b>A: KEY STAFF</b>					
1	Head of Organization	1	1	1	
2	Accountant	1	1	-	
3	Electrical//Electronics/Mechanical Engineer	1*	1	-	
4	Fire Protection Trained Technician	2	1	1	
5	Electrical/Mechanical/Artisan	3	2	1	
<b>B: PLANT AND EQUIPMENTS</b>					
1	Light Duty Vehicle	2	1	-	
2	Supervision Vehicle	2	1	1	
3	Tool boxes (Mechanical)	3	2	1	
4	Hand Drills	5	3	1	
5	Hand Grinders	3	2	1	
6	Ladders	5	3	2	
7	Soldering guns	5	3	2	
8	Testing equipments	5	3	2	
9	Pipe bender/cutter	3	2	1	
10	Pipe wrenches	5	3	2	
11	Electronic Tool kit	3	2	2	
12	Pipe threading Tool	3	2	1	
13	Welding Set (Gas)	2	1	1	
<b>C: LAND AND SERVICES FACILITIES</b>					
1	Office (sqm)	50	20	10	
2	Service Workshop (sqm)	100	50	20	
<b>D: SAFETY GEAR</b>					
1	Helmets	30	20	10	
2	Gloves	30	20	10	
3	Boots	30	20	10	
4	Overalls	30	20	10	

*Contractors Registration (Amendment) By-Laws*

*Tangazo la seriakli na. 744 (linaendelea)*

5	Breathing/Eye Protection equipment	30	20	10	
6	First Aid Kit	1	1	1	

\* Mandatory and Must be registered with Professional Board in the professional category

- Not required

Dodoma,  
14<sup>th</sup> November, 2022

MAKAME M. MBARAWA  
*Minister for Works*