

25	25
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10. 10-1

10-1

$$CP = 0.005 \times CP \times LD$$

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#	内 容	✓
1	“ 本 局 工 作 流 程 图 ”	
2	（ 第 4 条 ）	
3	“ 本 局 工 作 流 程 图 ”	
4	“ 本 局 工 作 流 程 图 ”	
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කේ. එම්. ජයරත්න	කේ. එම්. ජයරත්න	1
කේ. එම්. ජයරත්න	කේ. එම්. ජයරත්න	2
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Technical Specifications

DETAILED TECHNICAL SPECIFICATIONS

1. MULTI-PURPOSE MINI BALER

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturer's Literature and specifications supplied	Yes	

General

Specification	Required	Bidder's Response
Supplied new	Yes	
Should be suitable for compacting and baling of aluminium cans, cardboard, foam, hollow plastics (PET bottle, HDPE jar, PP container), soft plastics, paper, plant fiber, synthetic fiber, textile etc...	Yes	
Bale weight	30 – 60 kg (66-132 lbs)	
Throughput	6-7 bales/ hour	
Chain bale ejector (for easy and efficient bale ejecting with the lifting up of the chain)	Yes	
Liquid drainage channel for draining residual liquid in the containers of the baler to keep the recycling area neat and safe	Yes	
Adjustable bale height for achieving various bale size and weight	Yes	
Electric controlled – operating on buttons and switches to fulfil platen moving and bale ejecting	Yes	
Bale strapping: PET strap, PP strap, steel wire, polyester fiber strap, hemp rope etc.	Yes	

Other requirements

Specification	Required	Bidder's Response
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Painted with primers and powder / epoxy finish to all exposed surfaces in manufacturer's colours.	Yes	
Operations Manual for safe operations of the machine under normal operations. The operations manual must include trouble shooting and remedy guide table	Yes	
Maintenance manual covering routine service requirements for machine and motor, and service overhaul of machine. The maintenance manual must include a labelled wiring and component diagram	Yes	
All literature in the English language	Yes	
Critical spares worth 1 year of operation	Yes	
Each unit supplied to carry a statement of warranty. Minimum One (1) year warranty on motor and mechanical parts.	Yes	

Consumables

Specification	Required	Bidder's Response
Polyester Fiber Strap (PET strap)	Made of industrial-strength polyester yarn. Width 13mm-16mm, Thickness 0.75mm – 0.85mm, length per coil: approximately 850 – 1100 mm – (30 coils must be supplied)	
Strapping buckles (metal)	Yes (5000 pieces must be supplied) Buckles should be provided for the following strap size: 13mm - 16mm width	

2. MANUAL POLY STRAPPING TOOLS

2.1 TENSIONER

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturers Literature and specification supplied	Yes	

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General

Specification	Required	Bidder's Response
Supplied new	Yes	
Strapping type	Buckling type	
Strapping material	Polyprop or Polyester strap	
Each unit supplied to carry a statement of warranty. Minimum One (1) Year warranty on motor and mechanical parts.	Yes	
Photograph (for ease of identification only and need NOT be same as the one shown in this technical specifications)		

2.2 STRAPPING BUCKLE SEALER

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturers Literature and specification supplied	Yes	

General

Specification	Required	Bidder's Response
Supplied new	Yes	
Buckling type	Strapping type	
Suitable on strapping material	Polyprop or Polyester strap	
Suitable on Buckle size	40mmx16mm	


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Suitable on Buckle type	Metal (Sealer must be compatible with proposed metal buckles)	
Tool Weight	0.5-1Kgs	
Each unit supplied to carry a statement of warranty. Minimum One (1) Year warranty on motor and mechanical parts.	Yes	
Photograph (for ease of identification only and need NOT be same as the one shown in this technical specifications)		

3. PET STRAPPING DISPENSER

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturers Literature and specification supplied	Yes	

General

Specification	Required	Bidder's Response
Supplied new	Yes	
Wheel type: Rubber with steel centre	Yes	
Strap type: PET	Yes	
Maximum strap width	13mm - 16mm	

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Each unit supplied to carry a statement of warranty. Minimum One (1) Year warranty on motor and mechanical parts.	Yes	
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4. SINGLE FEED GLASS BOTTLE CRUSHER (glass to sand)

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturers Literature and specification supplied	Yes	

General

Specification	Required	Bidder's Response
Supplied new	Yes	
Should have a reduction ratio of 10:1 (glass to safe to handle sand)	Yes	
Noise Level: 60-90db	Yes	
Feed Capacity: 300 – 500 kg/per hour	Yes	
Bin size: 20L bucket	Yes	
Power: 220v 50/60hz	Yes	

Other requirements

Specification	Required	Bidder's Response
Painted with primers and powder / epoxy finish to all exposed surfaces in manufactures colours.	Yes	
Operating manual for safe operations of the machine under normal operations. The operations manual	Yes	

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must include trouble shooting and remedy guide table		
Maintenance manual covering routine service requirements for machine and motor, and service overhaul of machine. The maintenance manual must include a labelled wiring and component diagram	Yes	
All literature in the English language	Yes	
Critical spares worth 1 year of operation	Yes	
Each unit supplied to carry a statement of warranty. Minimum One (1) Year warranty on motor and mechanical parts.	Yes	

5. HYDRAULIC HAND PALLET TRUCK

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturers Literature and specification supplied	Yes	

General

Specification	Required	Bidder's Response
Supplied new	Yes	
Usage: material handling, handling of bales	Yes	
Loading capacity	5 tonnes	
Brake type: hand brake and foot brake for convenience and safety	Yes	
Fully powder coated body with rubber coated handle	Yes	
Hard chrome plated piston	Yes	
Single piece pump with galvanised body	Yes	
Large diameter polyurethane steering wheel. Tandem polyurethane load rollers.	Yes	


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Each unit supplied to carry a statement of warranty. Minimum One (1) Year warranty on motor and mechanical parts.	Yes	
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6. FOLDABLE PLATFORM HAND TRUCK TROLLEY

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturers Literature and specification supplied	Yes	

General

Specification	Required	Bidder's Response
Supplied new	Yes	
Load capacity	300 – 600 kg	
Powder coated and corrosion resistance surface finish	Yes	
Each unit supplied to carry a statement of warranty. Minimum One (1) Year warranty on motor and mechanical parts.	Yes	

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7. HEAVY DUTY SACK TRUCK

Qty to be supplied: 01

Specification	Required	Bidder's Response
Make	Yes	
Model	Yes	
Country of Origin	Yes	
Manufacturers Literature and specification supplied	Yes	

General

Specification	Required	Bidder's Response
Supplied new	Yes	
Load capacity	300 kg	
Solid rubber wheels	Yes	
Each unit supplied to carry a statement of warranty. Minimum One (1) Year warranty on motor and mechanical parts.	Yes	

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9, 10,11: WHEELIE BINS

WHEELIE BINS SPECIFICATIONS; Qty, Quality, Size, Color & Parts		Required	Bidder's Response
1	120L Wheelie Bins (Color: Brown,, Qty to be supplied: 10)		
1.1	High quality virgin HDPE molded UV stabilized 120L capacity bin with lid and wheel set (2x200mm).	Yes	
2	240L Wheelie Bins (Color: Orange,, Qty to be supplied: 7)		
2.1	High quality virgin HDPE molded UV stabilized 240L capacity bin with lid and wheel set (2x200mm).	Yes	
3	660L Wheelie Bins (Color: Green, Qty to be supplied: 5)		
3.1	High quality HDPE molded UV stabilized 660L capacity wheeled bin with Flat lid, wheel set (4x200mm casters), 2 wheels with break, lifting trunnions (lift/tip lugs), European Standard DIN EN 840-2 / 840-5 / 840-6 or equivalent.	Yes	
Other requirements for Wheelie Bins			
Bins to be supplied in specified colors with 'Fasgandu' Campaign Logo. For the 240 L & 120L bins the logo must be color printed on the front side. Logo must be 9" square and centered so that the top edge is 5" from the top of the body of the bin. For the 660L bin the logo must be centered and color printed on the middle of the front side. The logo must be 12" square.		Yes	

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8. PPE KIT

Qty to be supplied: 01

PPE KIT SPECIFICATIONS			Required	Bidder's Response
1	Heavy Duty Gumboots (Qty to be supplied: 10)			
1.1	Size	M	Yes	
1.2	Height	12"	Yes	
1.3	Color	Black	Yes	
1.4	Material	Certified Polyvinyl Chloride (PVC) or Rubber materials	Yes	
1.5	Resistance	Alkali and acid resistant	Yes	
1.6	Soles	Anti-Skid PVC Soles	Yes	
2	Hand Safety Gloves (Qty to be supplied: 10)			
2.1	Material	Rubber or Latex	Yes	
2.2	Length	18" (elbow length)	Yes	
2.3	Thickness	0.040'	Yes	
2.4	Size	M	Yes	
2.5	Color	Black	Yes	
2.6	Resistance	Chemical Resistant	Yes	
3	Face Mask (Qty to be supplied: 50pcs box x 2)			
3.1	Material	Non-woven Polypropylene fiber	Yes	
3.2	Filter Class	N95	Yes	
3.3	Type	Elastic headbands	Yes	
3.4	Color	White	Yes	
4	Goggles (Qty to be supplied: 10)			
4.1	Type	Anti-impact, Anti chemical splash and Anti fog goggles Polycarbonate lens, plastic frame, non-disposable, adjustable strap	Yes	
	Material	Polycarbonate lens, plastic frame, non-disposable	Yes	
	Standard	ANSI/ISEA Z87.1	Yes	

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5	Hard Hat (Qty to be supplied: 10)			
5.1	Type	Safety helmet, Adjustable strap, Light weight	Yes	
	Material	Hard plastic, HDPE	Yes	
	Color	yellow	Yes	

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