



INVITATION TO TENDER
TENDER NO. MDTC/MASVINGO/FFA-AA 01

Mwenezi Development Training Centre is inviting registered suppliers/ service providers for the provision of solar pumping systems, borehole drilling and cap testing, agriculture, irrigation and construction materials for Masvingo Rural District Integrated Rural Resilience Building Programme as detailed in the Bill of quantities below.

BILL OF QUANTITIES		
BOREHOLE DRILLING		
Item	Unit	Quantity
Borehole drilling and capacity testing	Unit	5
SOLAR EQUIPMENT		
Item	Unit	Quantity
3kV solar system installation with DC Lorentz pump (>5cubic metres /hour) c/w motor and control box, solar stands, 1*10cubic metres tank stand, pipe connections, solar accessories	lump	6
3kV solar system installation with DC Lorentz pump (>5cubic metres/hour) c/w complete kit, solar stand and accessories	lump	8
2kv booster pump for drip irrigation DC Lorentz, (>5 cubic metres/hour c/w complete kit	lump	4
2kv domestic solar system, back up lithium battery	lump	4
450w solar panels Canadian monocrystalline	No.	16
3.5m height solar stand	Lump	4
10mm solar cables (red, black, yellow	Length	440
2.5mm3 core electric cable	Length	320
48v pylontech lithium battery	No.	4
4-way DC, DB	No.	4
48v hybrid inverter	No.	4
25*25 trunking	m.	40
Wood screws	Box	16
wall lugs	Box	16
Battery cage	Lump	4
4 way AC, DB	No.	4
40 Amp breaker	No.	4

30 Amp breaker	No.	4
10*6*10 crimbing lugs and wiring	No.	42
75mm diameter x 6m solar light stand (3mm steel thickness)	NO	50
Solar lighting 40W street lights	No.	80
5mx 75mm Flood light stand	Number	16
50W flood lights (motion sensor)	Number	12
CONSTRUCTION MATERIALS		
Item	Unit	Quantity
3 x 6m green house. 200-micron plastic with roll up sites plus netting	unit	1
Cable Ties 4.8 x 300mm	Unit	24
Wire nails 15mm x1kg	Unit	9
300mm heavy duty pliers	Unit	2
6m x 38 x 38mm Brandering timber	Number	13
Bow Wood Saw	Unit	1
Wood Nails 1kg 60mm	Unit	12
Clout nails 1kg 50mm	Unit	12
Fence Staple Wire 400mm	Unit	12
Wooden Pallets	Unit	16
Flat bar 30mm x 30mm x 6m	Metres	24
Tying wire	kg	23
IBR roof nails	kg	21
Timber beams purlin 6m x 38mm x76mm	Number	10
Roof insulation alububble 10m x 1.25m	Roll	4
Charcoal (50kg bag)	bags	200
Welding rods 2.5mm	kg	16
Door Hinges	Number	96
Standard door	Number	11
Steel cutting blades 230mm	Unit	4
Impermo Cement Water Proofer Additive (kg)	No.	110
Cement 32.5PC	Number	600
Window frame 12 pane/ ND4	No.	13
Red oxide liters	No.	25
Painting brush 5mm	No.	20
Cutting disk	No.	20
Welding rods 12gge kg	kg.	40
Self-tapping screws	No.	400
Termite poison 5ltr	No.	4
Black polythene paper 9m*15m*2mm*	Sheet	2
Window glass pane m2	No.	20
Lockset	No.	11
Putty	kg	54
Window stays and handles (set)	No.	27
Fly screen x 1metre	No.	1
300mm heavy duty pliers	Unit	1
Impermo cement	Bags	5

Cement PC 15 50kg (PPC 32.5 SURECEM)	Bags	18
Treated gum poles corner post 2.1m x 120 - 150mm diameter	Number	38
Treated gum poles standards 1.8m x 50 - 75mm diameter	Number	150
Well winge	Number	8
Window panes	Lump	1
22 rabbit unit housing	lump	1
25mx29m Dam liner(250 microns)	number	1
3-inch wire nails	kgs	14
32 mm U nails	Kg	9
AGRICULTURE		
Item	Unit	Quantity
Compound C Fertilizer x 50kg	No.	12
Hybrid seedling pack	No.	7
AN Fertilizer x 50kg	No.	10
Horticultural crops pesticides	Lump	1
Plastic packaging material	Unit	4
Galvanized metal tubs	Unit	20
Solar drier, fix and supply	No.	4
Plastic crates	Unit	100
10 x 20m nursery shed, fix and supply	unit	1
50 Road runner point of lay	no	50
Breeder's mash X 50kg bag	Bags	10
Broiler finisher mash x 50kg bag	Bags	3
Broiler grower mash x 50kg bag	Bags	3
Broiler starter mash x50kg bag	Bags	2
Chicks -broilers	Number	100
Goat (Doe)	Number	2
Fingerlings	Number/ 1000	29
Honey settlement tank	Number	1
Layer early lay x 50kg bag	Bag	43
Layer late lay x 50kg bag	Bag	60
Plain galvanized iron sheets (for covering bee hives) 2.4 x 1.5 x 1mm	Number	30
Point of- Lay Layer Chickens	Number	473
Rabbit (buck)	Number	5
Rabbit (doe)	Number	38
Rabbit pellets (50kg)	Number	37
Rabbit /chicken vet kit	lump	18
Smoker	Number	2
Starter/growers/finisher 50kg	No.	50
Stress pack	Each	70
Apiary kit (Honey extractor, settlement tanks, bee suits, smokers)	Lump	2
Barbed wire (12 gauge) 2mm x 50kg rolls	Rolls	11
Bee hive stands	Number	79

Bee hives	Number	15
Bee suits	Number	1
ENABLING EQUIPMENT		
Item	Unit	Quantity
Desks and Chairs	unit	4
300 egg incubators	No.	4
Impulse sealer	Unit	5
Steel table 182cm x 61cm	Unit	4
20 L metal jerry can	Unit	5
5x Samsung Android Tablets	Lump	19
IRRIGATION SUPPLIES		
Item	Unit	Quantity
50mm elbow PVC	Piece	19
50mm PVC tee plain	Length	14
40mm VSP female	Piece	29
40mm PVC TEE female	Piece	105
40mm PVC elbow	Piece	40
End cap 63mm poly	Piece	22
HDPE T-junction 63mm	Piece	10
65mm brass Gate valves	No.	34
Thread tape	No.	146
63mm Poly coupling Adapters	No.	83
50mm Poly coupling Adapters	No.	30
40mm Poly coupling Adapters	No.	72
40mm PVC TEE plain	No.	38
63mm non-return valve	No.	19
Brass Garden tapes 20mm	No.	168
20mm GI elbow	No.	168
PVC pipe/ GI pipe tape stand risers 1.2m x 20mm	No.	168
63/50mm Reducing bush PVC	No.	31
solvent cement 500ml	No.	130
63mm PVC pipe 100m c6	Length	8
50mm PVC pipe 100m c6	Length	3
40mm PVC pipe 100m c6	Length	24
50mm ball valves	No.	11
50*50*40 PVC TEE female	Piece	14
50/40 PVC R/bush	Piece	47
40*40*20 center TEE female	Piece	183
VSP male adaptor 50mm	Piece	17
VSP male adaptor 40mm	Piece	29
40mm brass valve	Piece	54
Irrigation supplies (micro jets, piping, taps etc.)	Unit	1
40,000L Steel Reservoirs with a tank cover, fix and supply	Tanks	4
Drip irrigation kits complete with accessories (1.5ha *1, 1ha *1, 0.5ha *2 , fix and supply	Unit	4

Irrigation supplies (micro jets, piping, taps etc. for 3m x 6m greenhouse nursery) fix and supply	Unit	1
10L Water collecting can	Number	9
1m x20mm GI risers	Number	23
2.1m x (25 - 50mm) treated poles	Number	360
20m rope	Number	9
20mm brass garden taps	Number	23
20mm brass taps	number	33
20mm GI elbow female threaded	number	33
20mm GI elbows	Number	23
20mm GI Socket	Number	4
20mm x 1.8m GI pipe threaded both sides	number	33
40mmx20mmx40mm compression Tee	number	36
50-20mm GI reducer male and female topside	Number	23
5Lx Liquid Chlorination	Number	5
50x20mm HDPE tee male threaded adaptor	Number	21
PERSONAL PROTECTIVE EQUIPMENT		
Item	Unit	Quantity
Riders' suits	No.	8
Work suits	Pairs	8
Safety shoes	Pairs	8

GENERAL REQUIREMENTS

- a) Company profile with at least 3 contactable trade references
- b) Certificate of incorporation and proof of registered address
- c) Current Tax Clearance ITF 263
- d) Valid VAT registration certificate or confirmation- a must
- e) All applications should provide detailed and verifiable document with the relevant laws
- f) The bid submitted should show the prices per unit and total bid value
- g) The tender value will be calculated using the price quoted times number of units per each class of goods as indicated
- h) The expected bid validity period is August to November 2024. This means that the bidder should not change price and the condition of bid during this period.
- i) **Only companies/service providers meeting all the requirements shall be considered**

Tenders must be submitted on or before 1600hrs 23August 2024, as hard copies in sealed envelope to the address below:

**Mwenezi Development Training Centre
Stand Number 117 Neshuro Growth Point
Mwenezi
Zimbabwe**