

**PROPOSED CONTAINERS FOR ABDP**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>ELEMENT NO. 1</u></b>				
	<b><u>SUBSTRUCTURES (ALL PROVISIONAL)</u></b>				
	<b><u>Site clearance</u></b>				
A	Clear the site off grass, shrubs and all vegetation; cart away as directed	52	sm		
	<b><u>Excavations and earth works</u></b>				
B	Excavate vegetable soil average 200mm deep to remove vegetable soil and cart away as directed	52	sm		
C	Excavate for strip foundation starting from reduced level not exceeding 1.50 meters deep and cart away as directed	35	cm		
	<b><u>SUBSTRUCTURES (ALL PROVISIONAL)</u></b>				
	<b><u>CONT'D</u></b>				
	<b><u>Hard core Filling as described.</u></b>				
D	Imported hardcore filling including depositing levelling and compacting in layers of 300mm maximum thickness n.e 1.5 mm.	26	cm		
E	50mm thick Quarry dust blinding to surfaces of hardcore :rolled smooth to receive polytheen	45	sm		
	<b><u>In-situ concrete</u></b>				
	<b><u>Mass concrete (1.3.6/38-38 mm aggregate)</u></b>				
F	50mm thick mass concrete class Q (1:3:6) to bottoms of foundations	22	sm		
	<b><u>Vibrated reinforced concrete ; 1:2:4/ 20-20mm);as decribed in</u></b>				
G	Foundations in trenches irrespective of thickness	4	cm		
H	150mm thick bed	52	sm		
	<b><u>Reinforcement</u></b>				
	<b><u>Bars; high yield steel; cold worked to B.S. 4461 and mild steel hot rolled to B.S. 4449; including bends, hooks, tying wire and distance blocks</u></b>				
I	Assorted sizes; 8 - 25mm Diameter	480	kg		
	<b>CARRIED TO COLLECTION</b>				

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Sawn formwork to insitu concrete as described:-</u></b>				
A	Edges of ground floor slab; 75 to 150mm wide	75	lm		
B	To sides; vertical or battering of foundations or the like	110	sm		
	<b><u>Foundation Walling</u></b>				
C	200mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar and reinforced with and including 20swg x 25 mm wid hoopiron in every alternate course	45	sm		
	<b><u>Insitu finishings</u></b>				
D	12mm thick 2 No. coatwork cement sand (1:3) render; wood floated to concrete or blockwork base to walls; external	12	sm		
	<b>Prepare and apply three coats black bituminous paint on:-</b>				
E	Rendered plinths, externally.	12	sm		
	<b><u>METAL WORK</u></b>				
	<b><u>PURPOSE-MADE UNITS</u></b>				
F	2500mm long x 75mm x 3mm Thick CHS; fixed with fish tail lugs to concrete floor slab; and three coats of gloss oil paint	6	No		
G	Provide a sum of kenya shillings Two Hundred and Fifty Thousand only for a branding and signage to approval		Item		
H	Provide a sum of kenya shillings Fifty Thousand thousand only for stainless steel shelves to approval		Item		
	<b>CARRIED TO COLLECTION</b>				

**PROPOSED CONTAINERS FOR ABDP**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>COLLECTION</u></b>  From page BW/1  From pageBW /2				
	<b><i>TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY</i></b>				

**PROPOSED CONTAINERS FOR ABDP**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>WINDOWS</u></b>  <b><u>Supply, assemble and fix composite extruded powder coated aluminium sliding windows ; standard hollow or angle sections ; frames mitred at corners including reinforcing cleats and all necessary ironmongery</u></b>				
A	Window, overall size 1000 X 1200 mm High as per Architect approval.	1	No		
	<b><u>Glazing</u></b>  B 4mm Thick clear sheet glass panes over 0.1 but not exceeding 0.5 square meters; fixing with putty	1	Sm		
	<b><u>Roller shutters</u></b>  <b><u>supply materials, fabricate and fix the following industrial roller shutters, gear operated; complete with all necessary ironmongery, steel sections, frame, one coat primer ( Refer to architect's details)</u></b>				
C	Door size 9500 x 1200 mm.high	12	sm		
	<b><u>Floor finishes</u></b>  <b><u>Insitu Finishings</u></b>  <u>Approved; local; non-slip; Ceramic floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement</u>				
D	8mm Thick to Floors level; internal	52	sm		
E	Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish	28	lm		
	<b><u>Beds or Backings</u></b>  <b><u>Screed; cement and sand (1:3)</u></b>				
F	32mm thick one coat backings; wood floated to receive ceramic floor tiles (m/s) to concrete or blockwork base; to floors level; internal	52	sm		
	<b>TOTAL CARRIED TO COLLECTION</b>				

**PROPOSED CONTAINERS FOR ABDP**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<b><u>Doors</u></b>				
	<u>Heavy duty section mild steel doors with one coat red lead oxide primer complete</u>				
A	Standard mild steel panel single leaf door and frame overall size 900 x 2400 mm High; prepared for glazing including all iron mongery accessories	1	No		
	<b><u>Galvanized steel IT5 box profile sheets; 26 gauge; prepainted</u></b>				
B	Roof covering; 150mm laps on one end and one and a half corrugation side lap; and fixing as necessary to steel purlins (m/s) on steel trusses (m/s) at 1200mm max. c/c all laid to fall at 1:25 <sup>0</sup>	60	Sm		
	<b><u>Unframed mild steel work as described complete with bolts, nuts, washers, splash plates and base plates; including drilling, hoisting and placing above ground floor slab level, one coat red oxide primer before fixing and touch up on completion to approval</u></b>				
C	50x50x3mm SHS bottom chord and top chord(9.14kg/m)	68	Lm		
D	40x40x3mm SHS internal members	60	Lm		
	<b><u>Accessories:</u></b>				
E	8mm thick end plate welded to SHS joist and rafter.	10	No		
F	75x75x3mm thick angle cleat welded onto plates.	12	No		
	<b><u>Bolts grade 4-6 to BS. 4190 with nut and washer.</u></b>				
G	20mm diameter 300mm long Y-bolts embedded in concrete .	12	No		
	<b><u>Holes.</u></b>				
H	Drill holes in 12mm thick plate for 20mm diameter bolts.	12	No		
J	Allow for the supply of a Container size 12.1 x 2.43 x 2.2m high as per project managers instructions	1	No		
<b><i>TOTAL CARRIED TO COLLECTION</i></b>					

### PROPOSED CONTAINERS FOR ABDP

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SUMMARY				
ELEMENT NO.	TITLE		PAGE NO.		
	COLLECTION				
	From Page 3				
	From Page 4				
	From Page 5				
TOTAL CARRIED TO GRAND SUMMARY					

**BILL NO.2: SCHEDULE NO.1: 3KVA 24V SOLAR SYSTEM INSTALLATION WORKS**

Item	Description	Qty	Unit	Rate (Ksh)	Amount (Ksh)
	Supply, install, test and commission the following :-				
1.01	545W Monocrystalline Solar Panel as Dayliff or equal approved	6	No.		
1.02	3KVA hybrid Solar Inverter-charge controller as MUST or Approved equivalent	1	No.		
1.03	200AH 12VDC Lead Acid solar battery as Gaston Maintenance Free Batteries or equal and approved equivalent	6	No.		
1.04	Earthing and testing for the above system	1	Item		
1.05	Allow for solar and battery cabling and all accessories associated with the system	1	Item		
1.06	Allow for PV mounting structure on the sloping roof inclusive of rooftop solar support structure	1	Item		
1.07	Battery cabinet to suit 6no batteries - Black sheet fabricated	1	No.		
1.08	63A Change over switch as Katko or equal and approved equivalent	1	No.		
	Any other item necessary to complete the installation a) b) c)	1	Item		
	<b>SUB-TOTAL FOR THE INSTALLATION FOR SOLAR SYSYTEM</b>				

H/1

**SCHEDULE NO.2 - LIGHTING AND POWER**

Item	Description	Qty	Unit	Rate (Ksh)	Amount (Ksh)
	Supply, install, test and commission the following :-				
	<b><u>LIGHTING POINTS</u></b>				
2.01	Lighting points wired in 1.5 mm <sup>2</sup> SC CU cables drawn in concealed 20mm diameter HG P.V.C conduits for:-				
	a) one way switching	0	No.		
	b) two way switching	7	No.		
	<b><u>SWITCHES</u></b>				
2.02	10Amps, switch plate as CLIPSAL, BG NEXUS or approved equivalent as				
	a) one gang one way	0	No.		
	b)one gang two way	2	No.		
	c)two gang one way	0	No.		
	d)two gang two way	1	No.		
	<b><u>LIGHTING FITTINGS</u></b>				
2.03	Lighting fittings complete with bulbs or tubes as follows:-				
	a) 1200mm Twin SmartBright LED Batten fitting complete with 36 watts Essential twin LED tube complete with diffuser as PHILIPS BN012C or approved equivalent	3	No.		
	b) 50W, rectangular LED floodlight IP 65, 5250lm 4000K,30000Hrs lifetime complete with photocell as Philips Ledinaire or equal and approved equivalent	4	No.		
	<b><u>SOCKET OUTLETS AND OTHER POWER POINTS</u></b>				
2.04	13 Amps socket outlet points wired ring comprising of 3x2.5 mm sq. single core PVCI copper cables drawn in concealed 25mm HG PVC conduits and steel Trunking.	4	No.		
2.05	13 Amps. waterproof Moulded plate switched socket outlet with neon indicator as BG, CLIPSAL or approved equivalent				
	a) twin.	4	No.		
<b>SUB TOTAL C/F TO NEXT PAGE</b>					



**SCHEDULE NO. 1 CONT'D - GROUND FLOOR .**

Item	Description	Qty	Unit	Rate (Ksh)	Amount (Ksh)
	Supply, install, test and commission the following :-				
	<b>SUBTOTAL B/F FROM PREVIOUS PAGE</b>				
	<b><u>CONSUMER UNITS/DISTRIBUTION BOARDS</u></b>				
2.06	4 ways SPN, flush mounted Consumer unit complete with 100A integral isolator as Tronic or approved equivalent complete with all accessories but excluding MCBs.	1	No.		
2.07	MCB's for item above				
	(a) 10A, SP	1	No.		
	(b) 32A, SP	1	No.		
	(c) Blanking plates	2	No.		
	<b>SUB TOTAL C/F TO SUMMARY PAGE PAGE</b>				

**SCHEDULE NO.2 - LIGHTNING PROTECTION SYSTEM**

Item	Description	Qty	Unit	Rate (Ksh)	Amount (Ksh)
	Supply, install, test and commission the following :-				
	<b><u>LIGHTNING PROTECTION</u></b>				
3.01	25x3mm copper tape including copper saddles at 1500mm intervals and bonding to water tanks and other metal work in the roof inclusive of downward conductor , all as FURSE	9	LM		
3.02	Copper air terminations (lightning arrestors) inclusive of base clamp and all fixing materials as FURSE	1	No.		
3.03	Copper square tape clamp for making crossing tape joints	2	No.		
3.04	Steel conduits 32mm diam. for securing the down conductors complete with saddles	5	LM		
3.05	Test clamp as FURSE	1	No.		
	<b><u>EARTHING.</u></b>				
3.06	Earthing comprising of the following and any other necessary accessories:-				
	a) 15 mm x 1800 mm earth rod as FURSE cat. No. RB 105.	1	No.		
	b) 15 mm dia. Driving stud as FURSE cat.No. ST100.	1	No.		
	c) Rod to tape clamp as FURSE.	1	No.		
	d) Concrete inspection pit as FURSE cat. No.PT005. (or a well made 320mm x 320mmx 210 mm depth pit.)	1	No.		
	<b>TOTAL FOR LIGHTNING PROTECTION C/F TO MAIN SUMMARY PAGE</b>				

## **MAIN SUMMARY**

ITEM	DESCRIPTION	AMOUNT(KSHS)
A	Sub total B/F from schedule 1 : - <b>SOLAR WORKS</b>	
B	Sub total B/F from schedule 1 : - <b>ELECTRICAL WORKS</b>	
C	Sub total B/F from schedule 3 : - <b>LIGHTNING PROTECTION</b>	
	<b>TOTAL FOR ELECTRICAL WORKS</b>	

H/5

**MECHANICAL WORKS FOR KITCHEN EQUIPMENT FOR PROPOSED  
CONSTRUCTION OF FRESH MARKET FOR AQUACULTURE BUSINESS  
DEVELOPMENT PROGRAMME.**

ITEM	DESCRIPTION	UNIT	QTY	RATE
A	<b>Island Extract hood</b> Fabricated kitchen extract hood with self supporting aluminium antigrease filters. The hood to measure 2100mm X 900mmX 700mm deep.	No.	1	
B	Gas double basket deep fryer (2 well)	No.	1	
C	Double bowl Double Drainer SS Sink on Stand (DBDD) 2500mm long	No.	1	
D	Stainless steel worktop 2400mm long(steel shelved)	No.	1	
E	Stainless steel worktop 2000mm long(steel shelved)	No.	1	
	<b>Roof Water Storage Tanks</b>			
F	Supply, deliver and install Cylindrical plastic moulded tank of capacity 5000 litres (500 gallons) and diameter . The tank to be assembled complete with cover and having screwed connections for inlet, outlet, overflow, medium pressure ball valve, drain pipes and any other necessary item for its	1	No.	
	<b>Fire Blanket</b>			
G	Fire blanket made of cloth woven with pre-asbestos yarn or any other fire proof material and to measure 1800 x 1210 mm. It shall be fitted with special tapes folded so as to offer instantaneous single action to release blanket from storing jacket to BS 1721.to come with wall fixtures.	No	1	
H	Plate stacking rack	No.	1	
I	Insectocutor	No.	1	
J	Chest deep freezer (410L)	No.	1	
K	1500mm 3-Tier Stainless Steel shelf	No.	1	
L	Plastic Dust Bin with Castor wheels 1200 x 600 x 600	No.	1	
M	13kg cylinder L.P gas cylinders	No.	1	

N	<b>BOOSTER PUMPS FROM GROUND LEVEL TO ROOF TANKS</b> Set of automatic electrically driven Horizontal multistage twin booster pumpset. One duty and the other one standby with automatic changeover , capable of delivering 13m <sup>3</sup> / hr against a head of 3 meters with a three phase power source. It includes pressure switches and 24litres pressure kit, time delay switch, a switch to protect against dry run, timer, gate valves and non-return valves. The pump to be as GRUNDFOS MODEL CM 10-2A or approved equivalent. Pump to be installed on mild steel platform in pump room.	Set	1	
	<b>Total for Kitchen Equipments</b>			
	<b>Total for Kitchen Equipments C/F to Summary Page.</b>			

**MECHANICAL WORKS INSTALLATION SUMMARY SUMMARY PAGE**

<b>Item</b>	<b>Description</b>	<b>Amount (Ksh)</b>
1	Total for Kitchen Equipment installation Works.	
	<b>Total for Kitchen Equipment Carried to Form of Tender.</b>	

Amount in Words:

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.....

Tenderer's Name and

Stamp.....

Postal Address: .....

Sub Contract

Period.....

Signature: .....

Date:

.....

Pin No.....

VAT Certificate: .....

Witness: .....

Date: .....

Signature: .....

Address:

.....

### ***PROPOSED CONTAINERS FOR ABDP***

[illegible]

**PROPOSED WORKS AT**  
**ABDP**

**GRAND SUMMARY**

ITEM	DESCRIPTION	Page No.	FOR TENDERER USE ONLY	FOR OFFICIAL USE ONLY
			<b>K.SHS.</b>	<b>K.SHS.</b>
A	PARTICULAR PRELIMINARIES	PP/8		
B	GENERAL PRELIMINARIES	GP/13		
C	MEASURED WORKS	BW/6		
D	ELECTRICAL WORKS			
E	MECHANICAL WORKS			
F	PROVISIONAL SUMS	PS / 1		
	<b>SUB-TOTAL</b>			
	<b>GRAND TOTAL (IN KSHS) CARRIED TO FORM OF TENDER</b>			

**Amount in words.** Kenya shillings .....

.....

.....Cents .....

**Tenderer's Signature and stamp**.....

Address .....

.....

Date .....

**Witness Signature** .....

Address .....

.....

Date .....