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GROWTH CENTRE PUJEHUN

HAND OVER CERTIFICATE

- 1. Food Processing Centre
- 2. Water Well
- 3. VIP Toilet

This is to confirm that the work listed above and detailed in the attached Bill of Quantities including the Bill of Quantities covering the work under the contract amendment 1 is completed in accordance with the terms and conditions of the Contract 16001365 and its Amendment and detailed in the Terms of Reference and Bill of Quantities.

Remarks: According to the inspection done on the building on Toilet - The work is not done according to the Bill Quantities. Much improvement after last assessment, of build but needs more work on floor windows, door and drainage department.

Signatures:

Official Representative of the Government

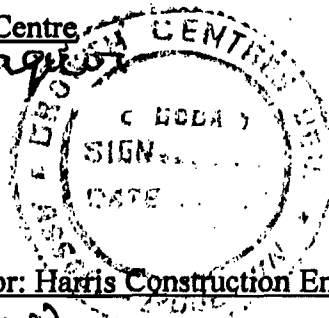
Name Chief Lansana Koroma
 Position Chief of town Speaker
 Date 25/10/08
 Signature *L. Koroma*

UNIDO Representative

Name Joseph KOROMA
 Position UNIDO REP.
 Date 04. 11. 08
 Signature *J. Koroma*

Official Representative of the Growth Centre

Name Solomon Massagui
 Position Manager
 Date 25/10/08
 Signature *S. Massagui*



Official Representative of the Contractor: Harris Construction Enterprises

Name Albert Leigh
 Position Managing Director
 Date 25/10/08
 Signature *A. Leigh*

CONTRACTOR REPORT**Hariss Construction and Engineering Enterprise**

Logistics Office: 11 Damballa Road
 Admin. Secretariat: 2 Jonathan Drive Bunubu Press Compound
 Bo City

UNIDO
 Procurement Service Unit (PRS)
 Operational Support Service Branch
 P.S. Box 300
 A - 1400 Vienna
 Australia.

UNIDO PROJECT NO: US/SIL/O4/107
 UNIDO CONTRACT NO. 16001365

SUBJECT: **COMPLETION REPORT**

I hereby forward a final completion evaluation report for Pujehun Food Processing Unit with related facilities for the disbursement of final payment.

Below are analysis of all component carried to summary.

FOOD PROCESSING UNIT

<u>DESCRIPTION</u>	<u>PERCENTAGE</u>
Excavation and Earth work	100%
Substructural Work	100%
Concrete Work	100%
Foundation Block work	100%
Super Structural Block Work	100%
Food wasting concrete work	100%
Roofing Work	100%
Wood Work	100%
Doors and Windows	100%
Electrical Installation	100%
Plumbing Installation	100%
Floor, wall ceiling Finishing	100%
Painting and Decoration	100%
External Work	100%

VIP TOILET

Excavation Work	100%
Floor Work	100%
Wall Work	100%
Roof Work	100%
Doors	100%

WATER WELL

Excavation Work	100%
Concrete Work	100%
Electrical Work	100%

WATER TOWER

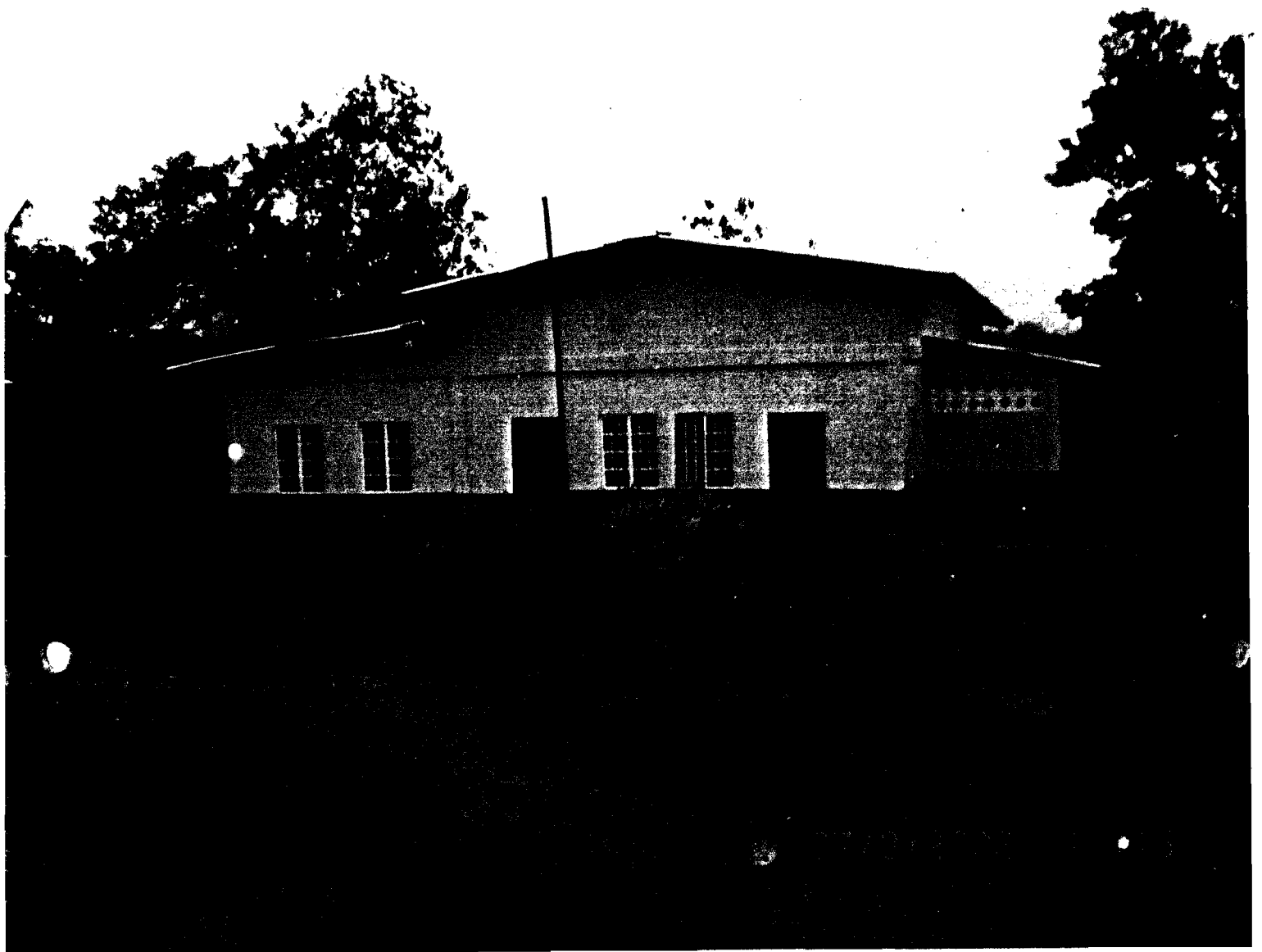
Water Tower Work	100%
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NOTE:

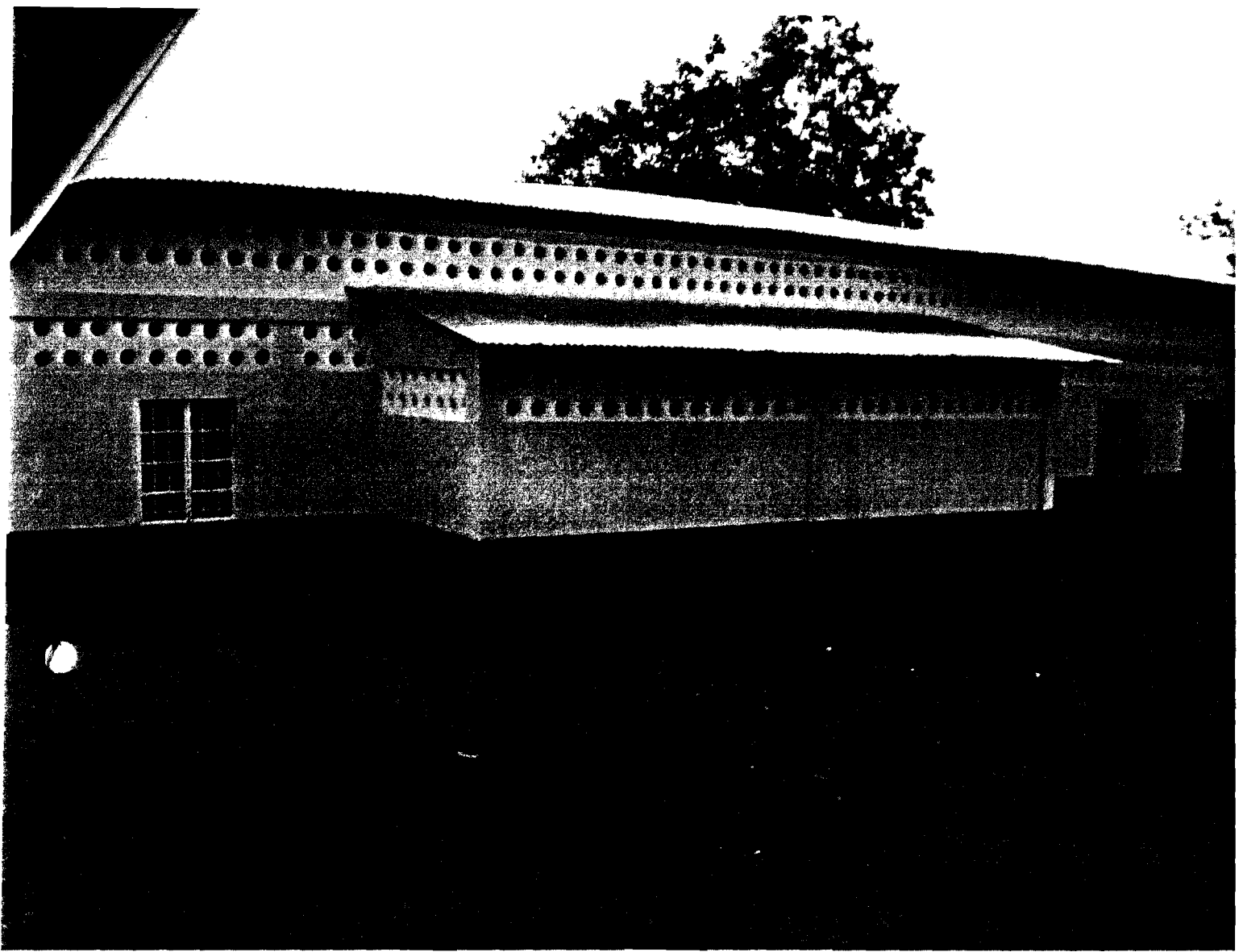
It is significant to note that the quantity budget for in the bill of quantity is far below the total job carried to summary, and as a result create major financial implication for the company.

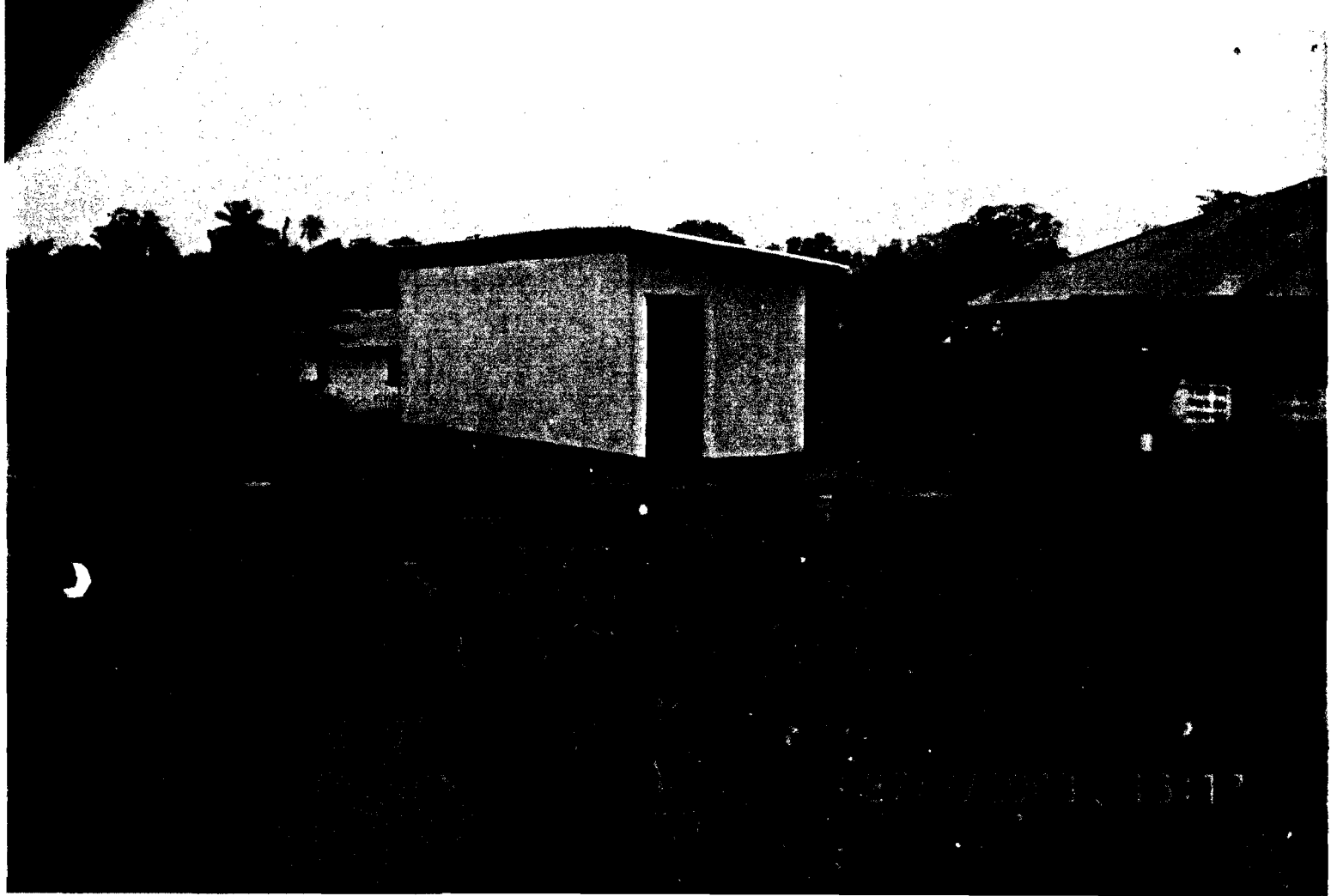
Faithfully submitted,

Albert Leigh
Managing Director.



(3)





1. PUJEHUN GROWTH CENTER - FOOD PROCESSING CENTER

No.	DESCRIPTION	QTY	UNIT	Unit Price	Total Price	% By work Completion	QUALITY ASSESSMENT /GENERAL COMMENT
1.1	SUBSTRUCTURE WORKS					100%	
	EXCAVATION AND EARTHWORK					100%	Good
	Excavate foundation trench starting at existing ground level not exceeding 2'-0" in width, maximum depth not exceeding 3'-0"	42.9	m3	2	85.7		
	Filling				0		
	Filling to excavations with selected materials arising from the excavations compacted in layers	30	m3	1.5	45		
	SUBSTRUCTURE WORK				0	100%	Good
	Filling to make up level over 9" with hardcore obtained on site.	12	m3	2.5	30		
	Ditto average 6" thick with hardcore obtained off site.	6	m3	3	18		
	CONCRETE WORK				0	100%	Fairly Good
	Approximately 135 cubic yards total volume of in-situ concrete				0		
	Plain in-situ concrete				0		
	Concrete (1:3:6 1½" aggregate)				0		
	Foundation in trenches 6'-9" thick poured against faces of excavations.				0		
	Cement	80	bag	10.5	840		
	Sand	6	trip	50	300		
	Aggregate	8	trip	80	640		
	BLOCKWORK				0		
	FOUNDATION				0	100%	Good
	Precast sandcrete blocks in cement mortar (1:6)				0		
	6" thick solid wall - blocks	650	block	0.5	325		
	½" thick cement sand render mix 1:4 to walls externally				0		
	Cement	12	bag	10.5	126		
	Sand	0.8	trip	50	40		
	PROTECTION				0		
B.	Protect at work in this section				0		
	END OF SUBSTRUCTURE WORKS				0		
2	SUPER STRUCTURE WORKS				0	100%	Fairly Good
	CONCRETE WORK				0		
	SUPERSTRUCTURE				0		
	Reinforced in-situ concrete mix 1:2:4 ¾" aggregate)				0		
A.	Attached beams/lintels (in 15Nr)				0		
	Cement	20	bag	10.5	210		
	Sand	3	trip	50	150		
	Aggregate	4	trip	80	320		
	Reinforcement				0		
	High tensile steel				0		
D	Binding wire	2	roll	15	30		
	½" Diameter ditto	1	ton	400	400		
	¼" Diameter links	30	lgts	4	120		
F.	BLOCKWORK				0	85%	Fairly Good with the exception of food washing trough and drainage construction

UNIDO ASSESSMENT

No.	DESCRIPTION	QTY	UNIT	Unit Price	Total Price	% By work Completion	QUALITY ASSESSMENT /GENERAL COMMENT
	Windows				0		Use of poor quality finders and also other welded handle closing device on windows cannot ensure proper closing of most of the widows
A.	Standard section mild steel windows and frame overall size 3'-3" wide x 4'high	4	No	100	400		
B.	Pair casement stays	8	No	6	48		
C.	Pair customised casement fasteners - welded on.	8	No	5	40		
	Doors/Grilles				0	100%	
D.	Standard section mild steel flush door and frame overall size 2' x 6" x 6'-0" complete with approved fittings and lock.	7	No	140	980		3 hard wood doors were used instead of metal steel doors out of the total No. provided at respective premises of office, and both stores
E.	Mild steel double door including frames padlock and hinges, the whole fabricated to Achitect's drawing and specification.	3	No	200	600		Only 1 out of the total No. of provision made has been rightly used, with the rest replced by used of single doors at entrance locations of boths prepaation room
	PLUMBING INSTALLATION				0	0%	No quantification and provision initially made
	Install the following in pvc supply and waste pipes, and connect to well supply				0		
	PVC Pipes and assessories				0		
4	ELECTRICAL INSTALLATION				0		
	POWER INSTALLATION INTERNALLY				0	85%	
	Cables (assorted)	20	roll	48	960		
	Supply and install the following approved power outlet points comprising 2.5mm ² copper twin and earth pvc insulated and sheathed cables, surface mounted on blockwork of concrete background in circuit wiring from distribution board to:				0		
A.	1 gang 13 amp switch socket outlets	15	No	1.5	22.5		Unsatisfactory, No. of switch socket used is inadequate
	2 gang ditto	8	No	2.5	20		
	POWER INSTALLATION EXTERNALLY				0		
	Equipment and control gear				0		
	Provide and install the following approved sub-mains switch gear fuse board etc, including 4mm ² copper twin and earth pvc insulated and sheathed cables and wiring between/to:				0		
C.	100amp 4way moulded circuit breaker, single phase distribution board, connection to mains input and earth electrodes	1	No	80	80		Satisfactory
	LIGHTING INSTALLATION INTERNALLY				0	85%	Unsatisfactory, No. of light points used is inadequate within main porduction units
	Cables				0		
	Provide and install the following approved light points comprising 1.5m ² copper twin and earth pvc insulated and sheathed cables surface mounted on blockwork or concrete background in circuit wiring from distribution board including all necessary fixing accessories to:				0		
A.	One light control by one switch	10	No	10	100		
	Two light points ditto	10	No	10	100		
	Three Light points ditto	8	No	8.93	71.44		

No.	DESCRIPTION	QTY	UNIT	Unit Price	Total Price	% By work Completion	QUALITY ASSESSMENT /GENERAL COMMENT
	EARTHING SYSTEM INSTALLATION				0	100%	Satisfactory
	Cables				0		
	Provide and install the following approved 1.5m ² single core pvc insulated cables surface mounted on blockwork or concrete background including lacing into circuit groups and connection to distribution board:				0		
	Earthing the installation				0		
	FITTING AND ACCESSORIES				0	70%	
	Supply and fix the following fittings and accessories by approved manufacturer including all necessary assembling fixing accessories, connections, flexible cords, lamps, etc				0		
	4'-0" flourescent	25	No	15	375		only two 2'-0" flourescent was used within each main production unit wit rest of room premises having one 1 gang light fittings
	Lamp holder	15	No	1.5	22.5		
D.	5amp surface mounted operated 1 gang 1 way switched socket outlet surface mounted.	20	No	1.5	30		
E.	1 gang single pope 13amp switched socket outlet surface mounted	8	No	2.5	20		
F.	2 gang ditto	4	No	3.5	14		
G.	1200mm copper earth rod driven into ground and connected to conductors with bolts, nuts and washers	1	No	6.5	6.5		
	Builders work/testing				0		testing result could not be readily confirm due to lack of ready power supply
H.	Allow for marking the positions of and for cutting all holes, mortices or chases in the structure and for making good after.	2	m/days	6	12		
					0		
I.	Allow for testing the entire electrical installations for continuity and performance	2	m/days	10	20		
2.8	FLOOR, WALL AND CEILING FINISHINGS				0	80%	
	In-situ finishings				0		
	½ Cement and sand (1:6) plain face render on:				0		
A.	Block and concrete walls internally and externally (75 m3)				0		unsatisfactory, walls finishings lack smooth effect
	Cement	60	bag	10.5	630		
	Sand	5	trip	50	250		
B.	Beds and backings				0		unsatisfactory
	Cement and sand (1:6) beds				0		
	2" screeded bed laid level concrete internally				0	85%	floor beds within both main production unit remains un screeded whihilst screeded beds having done lacks required level lays
	Cement	25	bag	10.5	262.5		
	Sand	2	trip	50	100		
C.	Tile finishing				0	60%	unsatisfactory
	6"x 6" X 1¼" white glazed ceramic wall tiles fixed at regular pattern and pointing with approved adhesive on:				0		
	Cement	15	bag	10.5	157.5		

No.	DESCRIPTION	QTY	UNIT	Unit Price	Total Price	% By work Completion	QUALITY ASSESSMENT /GENERAL COMMENT
	Excavating pit 4' - 6' drain diameter below water table starting at 20' 0" depth and removing excavated materials from site, level and compact bottom maximum depth not exceeding			350	350		
E.	20' 0" - 26' 0" deep						
F.	26' 0" - 33' 0" deep						
	CONCRETE WORK					100%	satisfactory, on the basis of construction and insertion
	Precast reinforced concrete caisson 100mm thick in 500mm high section, internal diameter 1200mm and external diameter 1400mm including making 12Nr slots pfr caisson each size 200mm x 35mm including 2Nr 6mm diameter vertical mild steel rods each length 450mm and each caisson bedded and jointed in cement mortar 1:5 mix						
		40	Nr	2,200.00	2,200.00		
	REINFORCED IN-SITU CONCRETE (1:2:4-3/4 AGGREGATE) INCLUDING REINFORCEMENT AND FRAMEWORK					100%	Satisfactory
A.	Lining; 100mm thick x 1600mm internal diameter x 600mm high including apron				350		
B.	Slab; 100mm thick including 100mm x 100mm up stand beam around the perimeter of well				70		
C.	Gravel jilling between reinforce concrete and caisson				80		
D.	Provide and fix electric pump to well; electric submersible pump type rated at 5000 liters per hour and operating head 50 meters.			1,250.00	1,250.00		yet undone
X	WATER TOWER				300	45% 80%	Water tower not done according to required shape description i.e. H-block, coupled with poor sandcrete in Mortar and use of wood sticks instead of iron rod within concrete bars.
	construct an H-block water tower in 9" thick solid sandcrete blocks bedded and joint in cement motar (1:6) including 2'-3" wide x 9" thick concrete (1:3:6-1 1/2 aggregate) footing in trench and reinforcement concrete slab as tank base				4600		
	BILL OF QUANTITY FOR VIP TOILET						
	Construct a 4 cubicle VIP toilet with division into 2 for male and female						
A.	Floor					100%	Satisfactory
	Overall floor size 10'-0" x 16'-8" constructed of 1:2:4 mix concrete slab			150	150		No provision was made within floor bed construction for the fixing of ventilation pipe
B.	Wall					80%	Observed to be less than required height and with partition wall between apartments incomplete
	Overall height 9'-0" constructed of 6" thick solid sandcrete blocks bedded and jointed in sand-cement mix 1:6			550	550		

No.	DESCRIPTION	QTY	UNIT	Unit Price	Total Price	% By work Completion	QUALITY ASSESSMENT /GENERAL COMMENT
C.	<u>Roof</u>					90%	roof over hang shoots very short, far less the apron width,
	Linto roof use 28 guage CI sheets end lap 9" and 2 corrugations side laps on 2' x 4" treated hardwood rafters ditto 2" x 3" purlins			300	300		
D.	<u>Doors</u>					85%	use of doors with wrong dimension requirement i.e less than 2'
	Provide and install 6 No. 2'-3" wide x 6'-6" high batten doors complete, painted glass.			200	200		
E.	<u>Pit</u>						required depth of pit remains questionable
	Excavation toilet pit, Minimum 10'-0"			100	100		
F.	<u>Apron</u>					100%	poorly done
	Construct apron 2'-6" wide, 4" thick around building.			200	200		
	<u>Ventilation pipe</u>					0%	yet undone, Was not quantify and provided for within BOQ
	BULK SUM OF:			1,500.00	1500		
	TOTAL CONTRACT VALUE				26,466.14		
	Total value of works done						

Conclusion

Most work activities have been completed with varying quality assement descriptions ranging from good, fairly good , Satisfactory to unsatisfactory

However a summary of remaining works at the centre is as follows;

1. Insattlation of submersible pump- within main contract work
2. Plumbing installation consisting of pvc pipes connections from well to water tank to processing unit - New contract
3. Painting of floors, within rooms of office and dressing rooms - within main contract
4. construction of drainages as supposed to required designs and tiling within repective premises -within main contra
5. Fixing of ventilation pipes within VIP toilet - part of main contract but with no provision
6. Constructior of Generator house for Power supply connections - New Contract

Recommendation

The following activities are recommeded for incoporation and ready provsion within pending sub contract finishing works

1. construction of 1 hand washing basin within each main production unit
- 2.waste collection system consisting of pvc pipes to collect wastes drians just at drainage ends

Evelyn Alpha

Date: 10/10/08

Consultant: Evelyn Alpha

Albert Leigh

Date 13/10/07

Contractor: Albert Leigh - Pujehun Growth Centre

Mickail Turay

Date: 12/10/08

Government Focal Point: Mickail Turay

Comments: I have agreed with all errors and modification made the UNIDO team

Comments: Please note that all errors measured by the UNIDO team to Pujehun has been completed according to the time