

**GOVERNMENT OF THE REPUBLIC OF GHANA**



**REPUBLIC OF GHANA**

**MINISTRY OF ROADS AND HIGHWAYS**

**Department of Feeder Roads**

**TRANSPORT SECTOR PROJECT (TSP)**

**(FIRST YEAR PROJECTS)**

**ABBREVIATED RESETTLEMENT ACTION PLAN (ARAP)**

**JULY 2012**

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## **I. BACKGROUND**

The Department of Feeder Roads of the Ministry of Roads and Highways has been allocated funds as part of its budgetary allocation to cover the cost of Transport Sector Project (TSP) and intends to apply part of this fund to cover eligible payments under the contract for the Minor Rehabilitation of selected feeder roads in all the ten (10) regions of Ghana.

Under the Transport Sector Project (TSP), the Department of Feeder Roads (DFR) of the Ministry of Roads and Transport is undertaking the minor rehabilitation of some feeder roads mostly in the farming communities. Most of the activities are construction of culverts and drains, grading and gravelling the roads.

A Resettlement Policy Framework (RPF) was prepared for the Road Sector of the Transport Sector Development Program by the then Ministry of Transportation in the year 2007 which was approved by the World Bank. The issues highlighted in the RPF include Operational Procedures, Legal Framework, Institutional Framework, Assessment of Project Affected Persons (PAPs), Organisational Procedures for Delivery of Entitlement, Valuation Procedures, Source of Funding, Consultation & Participation, Monitoring & Evaluation and Disclosure of Social Safeguards Instruments.

The following Abbreviated Resettlement Action Plan (ARAP) has been prepared to capture unexpected impacts and Project Affected People (PAPs).

## **II. OBJECTIVES OF ASSIGNMENT**

The objective of this assignment is to prepare an ARAP that includes compensation for identified PAPs for phase 1 of Component E of the TSP – Improvement of Feeder Roads.

A number of farms were identified along the feeder roads during project implementation. The farmers were not identified during the preparatory stage because these farms were owned in small sizes by a lot of people. They were only identified during the construction when each farmer came out to show their farms with their boundaries.

## **III. SUMMARY OF PROJECT AFFECTED PERSONS AND PROPERTIES**

A project-affected person (PAP) is a person whose property or activity falls within the Right-Of-Way (ROW) of the feeder roads.

Properties affected by the rehabilitation and spot improvements works are mostly farms (a count of 198 which include cocoa, plantain, coconut and palm trees) in the Eastern, Volta, Central, Western and Ashanti regions and two structures (an incomplete sandcrete chamber and hall structure located at Agorkppanya in the Dangme East District, Greater Accra region and a thatched house at Frankadua in the Eastern Region).

Persons eligible for compensation are owners of crops and structure. The entitlement matrix is detailed in Table 1 and Tables 3 and 4 give the summary of compensation for the PAPs. Detailed PAP information is included in the appendices.

**Table 1: Entitlement Matrix**

<b>Types of Loss</b>	<b>Eligibility Criteria</b>	<b>Entitlement</b>
Loss of Land (Urban or Rural)	Various interest and rights – allodial title holder, freeholder, leaseholder, tenant, licensee	Compensation – Capital Market Value of Asset
Loss of Structure	Various interest and rights – freeholder, leaseholder	Compensation – Capital Market Value of Asset
<b>Business Losses</b>		<b>Supplementary Assistance based:-</b>
- Loss of business income	- Business owner/operator	- average net monthly profit;
- Loss of business goodwill	- Business owner/operator	- monthly rent passing;
- Loss of rented income	- Landlord/Leaser	- equivalent of rent advance to be refunded
- Loss of wage income	- Business employees/attendants	- monthly wages earned;
- Loss of fees from trainees/apprentices	- Trainer/Person offering apprenticeship job training	- training fees to be refunded Calculated for a specific period taking into consideration reinstatement period.
Loss of Business, Residential or Industrial Accommodation or Room	- Residential/Commercial/Industrial Tenant - Owner of building during the reinstatement period	Supplementary Assistance based:- - comparable open market rent for alternative accommodation based on specific period (reinstatement period); and - transportation rates for the transfer of chattels or movable properties
Loss of location for temporary structure: - expense for moving structure - Loss of utility service line	Owner of temporary structure Squatters	Supplementary Assistance based on : - transportation rates for the transfer of structure - Disconnection of utility service lines at old site - Reconnection of utility service lines at new
Loss of training or apprenticeship	- Apprentice/Trainee	Comparable fees for alternative training
- Loss of economic or perennial trees - Loss of food crops - Loss of grazing land	Various rights and interest holders –Sharecroppers, Licensees, Lessees	Open Market Value for assessed crops/plants

#### IV. VALUATION PROCESS

DFR does not have a Valuation Unit and depends on Consultants and/ or the Land Valuation Board (LVB) directly. Key points which the valuation will take care of are as follows:

- i. Collection of all relevant primary and secondary data on the affected property during final detailed valuation inspection and referencing to serve as basis for assessment of loss;
- ii. A comprehensive primary database for monitoring, evaluation and audit.

Some relevant data to be captured by the valuers will be:

- i. Land
  - Capture location details of the land
  - Identify the boundaries of the area/section of the land to be affected.
  - Take detailed measurement of the land area to be affected along the affected boundaries.
- ii. Buildings (Immovable Structures)
  - Photograph all affected immovable properties – Detailed internal measurement of buildings will be done
  - Collate property details which will include noting affected accommodation details, constructional details of affected parts and external works (fence walls, gates, pavements) affected owner's details etc.
- iii. Crops
  - During the inspection and enumeration exercise details such as type, age, stage of growth size of farm (or number of crops for isolated economic/perennial trees) nature of farm etc. are captured.
- iv. Temporary Structures (Movable Properties)
  - Collate data on temporary structures by categorizing temporary structures based on constructional details (wall materials, affixed to concrete slabs or not), size of structure and use of structure (business/residential) and type of business.

Project affected persons will be identified by the types of losses they suffer or the impact of the project on them. Project personnel will determine specific losses or impacts to reflect the exact nature of loss whether visible and tangible or intangible and categorize into the following losses:-

- Physical loss of assets which will be determined by assessing the interest or right to ownership, occupation and possession;
- Loss of income, loss of livelihood and opportunities to employment;
- Impacts arising from disturbance/disruptions

For affected buildings or immovable properties, photographs and detailed measurement of buildings were taken.

For Crops, inspection and enumeration exercise details such type and size of farm (or number of crops for isolated economic/perennial trees), nature of farm etc were captured.

#### **The Basis and Method of Valuation**

The basis of valuation would comply with the stated legal provisions and this necessitates that the basis of valuation must assess the "Open Market Capital Value". The methods for valuation for the various losses anticipated under this RAP are presented in Table 2.

**Table 2: Method of Valuation**

<b>Type of Loss</b>	<b>Method of Valuation</b>	<b>Basis</b>
- Loss of Buildings and Other Civil Works	Replacement Cost Method or Comparative Sales Method (which ever gives a commensurate value)	Full replacement cost value as if new – recent construction cost rates, taking into account market values for assets and materials <ul style="list-style-type: none"> <li>• <i>Mutual Negotiation for Eastern Region (thatched house)</i></li> <li>• <i>Independent valuation for Greater Accra</i></li> </ul>
- Loss of Trees, Perennial Crops, Food Crops	Comparative Sales Method/ Replacement Cost Method	Based on going market rates <ul style="list-style-type: none"> <li>• <i>Mutual Negotiation for Western, Eastern Central and Volta Regions</i></li> <li>• <i>Use of Ministry of Food and Agriculture valuation list for Ashanti Region</i></li> </ul>

Table 3: Affected Permanent Structures

Region	Project	Road Name	Property	Basis for evaluation	Value	Allocation in Contract	Time for Valuation	Time for Payment	Remarks
Greater Accra	Rehabilitation of Big Ada-Agorkpopyanya F/Rd	Agorkpopyanya Road	An uncompleted building	Land Valuer & Negotiated Agreement	18,000.00	20,000.00	Oct. 2011 - Mar 2012	--	Pending release of funds
Eastern	Rehab of Frankadua - Alabo River	Frankadua Road	Thatched house	Voluntary Negotiated Agreement	3,800.00	3,800.00	Oct. 2011 - Mar 2012	--	Pending release of funds
<b>TOTAL</b>					<b>21,800.00</b>	<b>23,800.00</b>			

Table 4: Affected Farmers to lose some crops

Region	Project	No. of Farmers	Basis for evaluation	Value	Amt in Contract	Time for Valuation	Time for Payment	Remarks
Eastern	Spot Imp. Of Akorabo Jn - Kromameng	32	Voluntary Negotiated Agreement	31,082.04	20,000.00	Oct. 2011 - Mar 2012	--	Pending release of funds
	Rehab Of Frankadua - Alabo River	30	Voluntary Negotiated Agreement	15,337.34	16,200.00	Oct. 2011 - Mar 2012	--	Pending release of funds
Volta	Rehabilitation Of Ahamansu – Dika F/Rd. (5.65km)	14	Voluntary Negotiated Agreement	9,470.00	20,000.00	Oct. 2011 - Mar 2012	May 2012	Compensation paid
Central	Minor Rehabilitation Of Wamaso - Acquahkrom F/Rd (0.6km)	7	Land Valuation Board	7,096.00	20,000.00	Oct. 2011 - July 2012	--	Pending release of funds

Region	Project	No. of Farmers	Basis for evaluation	Value	Amt in Contract	Time for Valuation	Time for Payment	Remarks
Western	Minor Rehab. Of Boinso-Appiahkrom Feeder Road (6.5km)	15	Voluntary Negotiated Agreement	5,768.00	20,000.00	Oct. 2011 - June 2012	--	Pending release of funds
	Spot Imp. Of Pieso- Attakrom Feeder Roads (3.2km)	14	Voluntary Negotiated Agreement	4,144.00	20,000.00	Oct. 2011 - June 2012	--	Pending release of funds
	Spot Imp. Of Wiaso - Mansi - Aboboya Feeder Roads (6.30km)	14	Voluntary Negotiated Agreement	2,814.00	20,000.00	Oct. 2011 - June 2012	--	Pending release of funds
	Spot Imp. Of Sefwi Dwenase-Kwamebour (21.70km)	29	Voluntary Negotiated Agreement	7,406.00	20,000.00	Oct. 2011 - June 2012	--	Pending release of funds
	Gyampere-Kwesikrom Ph. I (10.0km)	19	Voluntary Negotiated Agreement	3,626.00	20,000.00	Oct. 2011 - June 2012	--	Pending release of funds
	Gyampere-Kwesikrom Ph. II (11.50km)	12	Voluntary Negotiated Agreement	2,772.00	20,000.00	Oct. 2011 - June 2012	--	Pending release of funds
	Asawinso - Mmrewa F/R (12.0km)	8	Voluntary Negotiated Agreement	3,990.00	20,000.00	Oct. 2011 - June 2012	--	Pending release of funds
Ashanti	Spot Improvement Of Tweapease Inc. - Tweapease F/Rd (4.0km)	4	Valuation by MoFA	2,685.00	20,000.00	Oct. 2011 - Feb 2012	March 2012	Compensation paid
<b>TOTAL</b>		<b>198</b>		<b>96,190.38</b>	<b>236,200.00</b>			



## **V. DELIVERY OF COMPENSATION**

DFR formally makes an offer to affected persons based on the outcome of the valuation, and allow persons to accept or reject offer, or offer a counter claim. After a negotiated agreement, payments are then made to the affected person personally by contractors in the presence of the supervising consultant and/or DFR staff and an independent witness of the affected person/opinion leader.

See Tables 3 and 4 for timeline of delivery of compensation.

## **VI. MONITORING**

Monitoring of the resettlement operations will be undertaken by the Ministry of Roads & Highways (MRH) and DFR during the construction and defect liability period. Monitoring and evaluation will be a continuous process and will include internal and external monitoring.

Internal monitoring of the compensation will be undertaken by the Ministry of Roads & Highways and in particular, the Department of Feeder Roads. The day-to-day field supervision will be conducted by the Environmental Officer and the Supervision Consultants and will be captured in a progress reports which will be subject to review by the MRH Deputy Director in charge of Environmental and Social issues.

The Ministry of Roads & Highways (MRH) will continuously take stock of all compensation reports and discuss them on regular basis. DFR will produce a quarterly report for the ministry. Cost of monitoring will be taken care of by DFR.

## **VII. GRIEVANCE REDRESS MECHANISMS**

The MRH shall be responsive to the concerns of the people affected by the project as it recognizes that, unsatisfactory handling of the effects of developmental projects may lead to upheavals and social discontent, which may trigger negative public reactions, thereby affecting project implementation.

Both formal and informal dispute resolution mechanisms will be employed. Usually, disputes from PAPs relate to physical counts of crops to be affected and in the case of structures, the extent of impact. In some cases the concerns are about inadequacy of compensation or the implementation of the resettlement plans.

DFR will facilitate the setting up of grievance committees (comprising members nominated by the PAPs directly and opinion leaders) in each of the affected settlements.

Complaints may first be lodged with the grievance committees (GC). If the GC's are unable to address the concerns (or the affected persons decide not to use the GC's) a formal report may be made to the Regional office of the Dept. of Feeder Roads through the Area Engineer either by the PAP or his/her representative.

If the PAP is dissatisfied with the solution provided at that level he/she may seek redress at the Commission for Human Rights and Administrative Justice (CHRAJ) or the Court. The 1992 Constitution and the State Lands Act allow for the right of access to the High Court by any person who has an interest or right over any property. In practice, judicial intervention in dispute resolution is not often invoked or resorted to, as most of the affected people are generally satisfied

with the administrative responses. In some cases the PAPs are able to negotiate for acceptable awards.

## **VIII. BUDGET**

The total cost compensation is Gh₺ 117,990.38 and it is made up of payments for both structures and crops. A total of 198 farmers are due for compensation with the cost of Gh₺ 96,190.38. 2No. structures comprising 1No. sandcrete uncompleted building and a thatched house will be affected by the project and the total cost for replacing them is Gh₺ 21,800.00, see tables 3 and 4 for an overview and appendices 1 – 6 for details.

**APPENDIX 1: EASTERN REGION PAPS AND VALUATION**

Contract / Road Name	Name of Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Spot Imp. Of Akorabo jn - Kromameng	R. A	Plantain	65	-	0.00	2.59	0.00	168.35	0.00	0.00	168.35
	R. A	Cassava	8	-	0.00	2.94	0.00	23.52	0.00	0.00	23.52
	D. A	Cocoa	187	-	0.00	11.90	0.00	2,225.30	0.00	0.00	2,225.30
	E. A	Cocoa	117	-	0.00	11.90	0.00	1,392.30	0.00	0.00	1,392.30
	M. K. A.	Cocoa	226	-	0.00	11.90	0.00	2,689.40	0.00	0.00	2,689.40
	T. A.	Cocoa	116	-	0.00	11.90	0.00	1,380.40	0.00	0.00	1,380.40
	I. S.	Cocoa	72	-	0.00	11.90	0.00	856.80	0.00	0.00	856.80
	J. A.	Plantain	65	-	0.00	2.59	0.00	168.35	0.00	0.00	168.35
	P. T.	Cocoa	75	-	0.00	11.90	0.00	892.50	0.00	0.00	892.50
	R. O.	Cocoa	30	-	0.00	11.90	0.00	357.00	0.00	0.00	357.00
	R. O.	Plantain	64	-	0.00	2.59	0.00	165.76	0.00	0.00	165.76
	A. O.	Cocoa	30	-	0.00	11.90	0.00	357.00	0.00	0.00	357.00
	S. T.	Cocoa	63	-	0.00	11.90	0.00	749.70	0.00	0.00	749.70
	A. K	Cocoa	40	-	0.00	11.90	0.00	476.00	0.00	0.00	476.00
	A. M	Cocoa	47	-	0.00	11.90	0.00	559.30	0.00	0.00	559.30
	A. K	Cocoa	251	-	0.00	11.90	0.00	2,986.90	0.00	0.00	2,986.90
	B. A. K.	Cocoa	50	-	0.00	11.90	0.00	595.00	0.00	0.00	595.00
A. A.	Palm	17	-	0.00	13.78	0.00	234.26	0.00	0.00	234.26	

Contract / Road Name	Name of Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total cost
		Type	No. or size <sup>1</sup>	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Spot Imp. Of Akorabo jn - Kromameng	A. A.	Plantain & Banana	120	-	0.00	2.59	0.00	310.80	0.00	0.00	310.80
	M. C.	Cocoa	121	-	0.00	11.90	0.00	1,439.90	0.00	0.00	1,439.90
	K. P.	Cocoa	101	-	0.00	11.90	0.00	1,201.90	0.00	0.00	1,201.90
	K. P.	Plantain	78	-	0.00	2.59	0.00	202.02	0.00	0.00	202.02
	B. A.	Cocoa	40	-	0.00	11.90	0.00	476.00	0.00	0.00	476.00
	J. N. A.	Cocoa	54	-	0.00	11.90	0.00	642.60	0.00	0.00	642.60
	A. A.	Cocoa	68	-	0.00	11.90	0.00	809.20	0.00	0.00	809.20
	A. A.	Maize	630	-	0.00	1.54	0.00	970.20	0.00	0.00	970.20
	H. D.	Cocoa	65	-	0.00	11.90	0.00	773.50	0.00	0.00	773.50
	K. O.	Plantain & Banana	75	-	0.00	2.59	0.00	194.25	0.00	0.00	194.25
	J. A.	Plantain	153	-	0.00	2.59	0.00	396.27	0.00	0.00	396.27
	E. A.	Cocoa	17	-	0.00	11.90	0.00	202.30	0.00	0.00	202.30
	E. T.	Cocoa	37	-	0.00	11.90	0.00	440.30	0.00	0.00	440.30
	N. B.	Palm	19	-	0.00	13.78	0.00	261.82	0.00	0.00	261.82
	F. O.	Cassava	68	-	0.00	2.94	0.00	199.92	0.00	0.00	199.92
	J. Y.	Cocoa	443	-	0.00	11.90	0.00	5,271.70	0.00	0.00	5,271.70
	M. N. K.	Palm	19	-	0.00	13.78	0.00	261.82	0.00	0.00	261.82
D. K.	Cocoa	63	-	0.00	11.90	0.00	749.70	0.00	0.00	749.70	
	<b>TOTAL</b>							<b>31,082.04</b>	<b>0.00</b>	<b>0.00</b>	<b>31,082.04</b>
	<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>										<b>20,000.00</b>

<sup>1</sup> For large sized crops (trees) compensation is by number of trees whereas for smaller crops that are difficult to count e.g. cassava and maize, the valuation is calculated by area.

Contract / Road Name	Name of Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total cost
		Type	No. or size <sup>2</sup>	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Rehab of Frankadua - Alabo River [By M/s Stafco Ltd]	G. K.	Palm	29	-	0.00	16.80		487.20	0.00	0.00	487.20
	G. E.	Palm	20	-	0.00	16.80		336.00	0.00	0.00	336.00
	S. A.	Palm	78	-	0.00	16.80		1,310.40	0.00	0.00	1,310.40
	Z. S.	Palm	23	-	0.00	16.80		386.40	0.00	0.00	386.40
	T. A.	Palm	19	-	0.00	16.80		319.20	0.00	0.00	319.20
	K. W.	Palm	9	-	0.00	16.80		151.20	0.00	0.00	151.20
	K. A.	Palm	14	-	0.00	16.80		235.20	0.00	0.00	235.20
	R. D.	Cassava	300	-	0.00	1.54		462.96	0.00	0.00	462.96
	K. Y.	Cassava	250	-	0.00	1.54		385.80	0.00	0.00	385.80
	M. D.	Cassava	400	-	0.00	1.54		617.28	0.00	0.00	617.28
	Y. J.	Palm	29	-	0.00	16.80		487.20	0.00	0.00	487.20
	A. L.	Cassava	180	-	0.00	1.54		277.78	0.00	0.00	277.78
	K. A.	Cassava	360	-	0.00	1.54		555.56	0.00	0.00	555.56
	R. T.	Maize	300	-	0.00	1.82		546.00	0.00	0.00	546.00
	Y. F.	Cassava	300	-	0.00	1.54		462.96	0.00	0.00	462.96
	B. K.	Maize	125	-	0.00	1.82		227.50	0.00	0.00	227.50
	A. T.	Cassava	420	-	0.00	1.54		648.15	0.00	0.00	648.15
J. S.	Maize	250	-	0.00	1.82		455.00	0.00	0.00	455.00	
J. K.	Cassava	240	-	0.00	1.54		370.37	0.00	0.00	370.37	

<sup>2</sup> For large sized crops (trees) compensation is by number of trees whereas for smaller crops that are difficult to count e.g. cassava and maize, the valuation is calculated by area.

Contract / Road Name	Name of Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No. or size <sup>3</sup>	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Rehab of Frankadua - Alabo River  [By M/s Stafco Ltd]	A. A.	Cassava	350	-	0.00	1.54		540.12	0.00	0.00	540.12
	F. K.	Cassava	150	-	0.00	1.54		231.48	0.00	0.00	231.48
	A. L.	Cassava	300	-	0.00	1.54		462.96	0.00	0.00	462.96
	G. A.	Palm tree	40	-	0.00	16.80		672.00	0.00	0.00	672.00
	G. K.	Cassava	300	-	0.00	1.54		462.96	0.00	0.00	462.96
	B. A.	Palm tree	14	-	0.00	16.80		235.20	0.00	0.00	235.20
	C. K.	Maize	310	-	0.00	1.82		564.20	0.00	0.00	564.20
	D. G.	Maize	425	-	0.00	1.82		773.50	0.00	0.00	773.50
	D. B.	Palm tree	80	-	0.00	16.80		1,344.00	0.00	0.00	1,344.00
	K. H.	Palm tree	35	-	0.00	16.80		588.00	0.00	0.00	588.00
	G. M.	Cassava	480	-	0.00	1.54		740.74	0.00	0.00	740.74
Demolishing of Thatched (Mud) House								0.00	0.00	0.00	3,800.00
<b>TOTAL</b>								<b>15,337.34</b>	<b>0.00</b>	<b>0.00</b>	<b>19,137.34</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

<sup>3</sup> For large sized crops (trees) compensation is by number of trees whereas for smaller crops that are difficult to count e.g. cassava and maize, the valuation is calculated by area.

**APPENDIX 2: VOLTA REGION**

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
REHABILITATION OF AHAMANSU – DIKA F/RD. (5.65KM)  [BY M/S DANBORT CO. LTD]	K. A.	Cocoa	86	0	0.00	10.00	0.00	860.00	0.00	0.00	860.00
	Y. A.	Cocoa	53	0	0.00	10.00	0.00	530.00	0.00	0.00	530.00
	A. J.	Cocoa	13	0	0.00	10.00	0.00	130.00	0.00	0.00	130.00
	O. K.	Cocoa	14	0	0.00	10.00	0.00	140.00	0.00	0.00	140.00
	A. O.	Cocoa	16	0	0.00	10.00	0.00	160.00	0.00	0.00	160.00
	A.	Cocoa	34	0	0.00	10.00	0.00	340.00	0.00	0.00	340.00
	K. V.	Cocoa	195	0	0.00	10.00	0.00	1,950.00	0.00	0.00	1,950.00
	A. A. (B.)	Cocoa	90	0	0.00	10.00	0.00	900.00	0.00	0.00	900.00
	A. A.	Cocoa	160	0	0.00	10.00	0.00	1,600.00	0.00	0.00	1,600.00
	A. (A. P.)	Cocoa	90	0	0.00	10.00	0.00	900.00	0.00	0.00	900.00
	Mr. A. (W.)	Cocoa	141	0	0.00	10.00	0.00	1,410.00	0.00	0.00	1,410.00
	J.	Cocoa	8	0	0.00	10.00	0.00	80.00	0.00	0.00	80.00
	A. A.	Cocoa	31	0	0.00	10.00	0.00	310.00	0.00	0.00	310.00
	A. O.	Cocoa	16	0	0.00	10.00	0.00	160.00	0.00	0.00	160.00
	<b>TOTAL</b>							<b>9,470.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9,470.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

(Compensation Paid)

**APPENDIX 3: GREATER ACCRA REGION**

Based on formal valuation, 'Total Value' of property.

Contract / Road Name	Name of Project Affected Person	Property Affected		Unit Cost (GHC)			Value (GHC)			Total Value
		Type, size	Land Area (acre)	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
REHABILITATION OF BIG ADA - AGORKPOPANYA F/RD. (3KM)  [BY M/S TSIK CO. LTD]	I. N. G.	A land with two uncompleted chamber and Hall structures at roof level	0.23	-	-	-	-	-	-	18,000.00
	<b>TOTAL</b>						<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>18,000.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)*</b>										<b>20,000.00</b>



**APPENDIX 4: CENTRAL REGION**

(Valuation based on mutual agreement)

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
MINOR REHABILITATION OF WAMASO - ACQUAHKROM F/RD (0.6KM)  [M/S ASMARAITE ENT.]	A. O.	Cocoa	112	-	0.00	23.00	0.00	2,576.00	0.00	0.00	2,576.00
	S. A.	Cocoa	14	-	0.00	23.00	0.00	322.00	0.00	0.00	322.00
	S. L.	Cocoa	60	-	0.00	23.00	0.00	1,380.00	0.00	0.00	1,380.00
	B. A.	Plantain	50	-	0.00	10.00	0.00	500.00	0.00	0.00	500.00
	K. A.	Plantain	30	-	0.00	10.00	0.00	300.00	0.00	0.00	300.00
	K. A.	Coconut	1	-	0.00	30.00	0.00	30.00	0.00	0.00	30.00
	K. A.	Palm	58	-	0.00	28.00	0.00	1,624.00	0.00	0.00	1,624.00
	E. A.	Palm	13	-	0.00	28.00	0.00	364.00	0.00	0.00	364.00
	<b>TOTAL</b>							<b>7,096.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,096.00</b>
	<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>										<b>20,000.00</b>

**APPENDIX 5: WESTERN REGION**

(Valuation based on mutual agreement)

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Minor Rehab. of Boinsso-Appiahkrom Feeder Road (6.5KM)	N. D.	Cocoa	36	0	0.00	14.00	0.00	504.00	0.00	0.00	504.00
	M. D.	Cocoa	27	0	0.00	14.00	0.00	378.00	0.00	0.00	378.00
	R. A.	Cocoa	39	0	0.00	14.00	0.00	546.00	0.00	0.00	546.00
	L. A.	Cocoa	17	0	0.00	14.00	0.00	238.00	0.00	0.00	238.00
	P. C.	Cocoa	40	0	0.00	14.00	0.00	560.00	0.00	0.00	560.00
	J. N.	Cocoa	28	0	0.00	14.00	0.00	392.00	0.00	0.00	392.00
	M. K.	Cocoa	26	0	0.00	14.00	0.00	364.00	0.00	0.00	364.00
	T. A.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	D. F.	Cocoa	19	0	0.00	14.00	0.00	266.00	0.00	0.00	266.00
	P. K. W.	Cocoa	37	0	0.00	14.00	0.00	518.00	0.00	0.00	518.00
	P. K.	Cocoa	25	0	0.00	14.00	0.00	350.00	0.00	0.00	350.00
	F. S.	Cocoa	57	0	0.00	14.00	0.00	798.00	0.00	0.00	798.00
	D. C.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	R. O.	Cocoa	17	0	0.00	14.00	0.00	238.00	0.00	0.00	238.00
H. F.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00	
	<b>TOTAL</b>		<b>412</b>					<b>5,768.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5,768.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Spot Imp. of Pieso-Attakrom Feeder Roads (3.2KM)	E. B.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	A. A.	Cocoa	6	0	0.00	14.00	0.00	84.00	0.00	0.00	84.00
	E. K.	Cocoa	8	0	0.00	14.00	0.00	112.00	0.00	0.00	112.00
	D. B.	Cocoa	22	0	0.00	14.00	0.00	308.00	0.00	0.00	308.00
	A. B.	Cocoa	25	0	0.00	14.00	0.00	350.00	0.00	0.00	350.00
	K. A.	Cocoa	23	0	0.00	14.00	0.00	322.00	0.00	0.00	322.00
	A. E.	Cocoa	33	0	0.00	14.00	0.00	462.00	0.00	0.00	462.00
	M. D. & A.	Cocoa	39	0	0.00	14.00	0.00	546.00	0.00	0.00	546.00
	M. M.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	M. M. (2)	Cocoa	27	0	0.00	14.00	0.00	378.00	0.00	0.00	378.00
	A. D.	Cocoa	34	0	0.00	14.00	0.00	476.00	0.00	0.00	476.00
	E. A.	Cocoa	20	0	0.00	14.00	0.00	280.00	0.00	0.00	280.00
	N. K. A. (P.)	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	Bro. A. (P.)	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	<b>TOTAL</b>		<b>296</b>					<b>4,144.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4,144.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Spot Imp. of Sefwi Dwenase-Kwamebour (21.70km)	C. K. T.	Cocoa	18	0	0.00	14.00	0.00	252.00	0.00	0.00	252.00
	J. K.	Cocoa	20	0	0.00	14.00	0.00	280.00	0.00	0.00	280.00
	E. N.	Cocoa	22	0	0.00	14.00	0.00	308.00	0.00	0.00	308.00
	D. S.	Cocoa	20	0	0.00	14.00	0.00	280.00	0.00	0.00	280.00
	T. A.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	M. A.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	E. D.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	A. F.	Cocoa	20	0	0.00	14.00	0.00	280.00	0.00	0.00	280.00
	A. B.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	K. M.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	S. K.	Cocoa	20	0	0.00	14.00	0.00	280.00	0.00	0.00	280.00
	E. K.	Cocoa	21	0	0.00	14.00	0.00	294.00	0.00	0.00	294.00
	I. B.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	B. N.	Cocoa	28	0	0.00	14.00	0.00	392.00	0.00	0.00	392.00
	A. S.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	M. M.	Cocoa	13	0	0.00	14.00	0.00	182.00	0.00	0.00	182.00
E. A.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00	

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Spot Imp. of Sefwi Dwenase-Kwamebour (21.70km)	M. A.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	F. A.	Cocoa	18	0	0.00	14.00	0.00	252.00	0.00	0.00	252.00
	K. E.	Cocoa	26	0	0.00	14.00	0.00	364.00	0.00	0.00	364.00
	B. A.	Cocoa	21	0	0.00	14.00	0.00	294.00	0.00	0.00	294.00
	Y. A.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	N. A.	Cocoa	28	0	0.00	14.00	0.00	392.00	0.00	0.00	392.00
	R. A.	Cocoa	18	0	0.00	14.00	0.00	252.00	0.00	0.00	252.00
	K. N.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	M. A.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	A. Y.	Cocoa	17	0	0.00	14.00	0.00	238.00	0.00	0.00	238.00
	A. K.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	S. A.	Cocoa	20	0	0.00	14.00	0.00	280.00	0.00	0.00	280.00
	<b>TOTAL</b>		<b>529</b>					<b>7,406.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,406.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Spot Imp. of Wiaso - Mansi - Aboboya Feeder Roads (6.30km)	Y. B.	Cocoa	8	0	0.00	14.00	0.00	112.00	0.00	0.00	112.00
	F. E.	Cocoa	3	0	0.00	14.00	0.00	42.00	0.00	0.00	42.00
	A. E.	Cocoa	5	0	0.00	14.00	0.00	70.00	0.00	0.00	70.00
	S. B.	Cocoa	16	0	0.00	14.00	0.00	224.00	0.00	0.00	224.00
	K. A.	Cocoa	17	0	0.00	14.00	0.00	238.00	0.00	0.00	238.00
	A.	Cocoa	19	0	0.00	14.00	0.00	266.00	0.00	0.00	266.00
	T. M.	Cocoa	26	0	0.00	14.00	0.00	364.00	0.00	0.00	364.00
	M. I.	Cocoa	32	0	0.00	14.00	0.00	448.00	0.00	0.00	448.00
	A. K.	Cocoa	11	0	0.00	14.00	0.00	154.00	0.00	0.00	154.00
	K. K.	Cocoa	21	0	0.00	14.00	0.00	294.00	0.00	0.00	294.00
	K. A.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	S. K.	Cocoa	5	0	0.00	14.00	0.00	70.00	0.00	0.00	70.00
	V. A.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	A. A.	Cocoa	9	0	0.00	14.00	0.00	126.00	0.00	0.00	126.00
	<b>TOTAL</b>							<b>2,814.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2,814.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Gyampere-Kwesikrom Ph. I (10.0km)	Opanyin K. A.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	Opanyin K. T. (S.)	Cocoa	18	0	0.00	14.00	0.00	252.00	0.00	0.00	252.00
	D. T.	Cocoa	20	0	0.00	14.00	0.00	280.00	0.00	0.00	280.00
	I. K.	Cocoa	21	0	0.00	14.00	0.00	294.00	0.00	0.00	294.00
	D.	Cocoa	12	0	0.00	14.00	0.00	168.00	0.00	0.00	168.00
	K. B.	Cocoa	9	0	0.00	14.00	0.00	126.00	0.00	0.00	126.00
	A. (A.)	Cocoa	13	0	0.00	14.00	0.00	182.00	0.00	0.00	182.00
	K. O.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	S. D.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	S. D.	Cocoa	12	0	0.00	14.00	0.00	168.00	0.00	0.00	168.00
	E. A.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	I. N.	Cocoa	8	0	0.00	14.00	0.00	112.00	0.00	0.00	112.00
	J. N.	Cocoa	12	0	0.00	14.00	0.00	168.00	0.00	0.00	168.00
	E. O.	Cocoa	8	0	0.00	14.00	0.00	112.00	0.00	0.00	112.00
	P. A.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	E. B.	Cocoa	10	0	0.00	14.00	0.00	140.00	0.00	0.00	140.00
	K. O.	Cocoa	22	0	0.00	14.00	0.00	308.00	0.00	0.00	308.00
	J. O.	Cocoa	12	0	0.00	14.00	0.00	168.00	0.00	0.00	168.00
	A. O.	Cocoa	9	0	0.00	14.00	0.00	126.00	0.00	0.00	126.00
	<b>TOTAL</b>		<b>259</b>					<b>3,626.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3,626.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Gyampere-Kwesikrom Ph. II (11.50km)	Y. A.	Cocoa	8	0	0.00	14.00	0.00	112.00	0.00	0.00	112.00
	E. O.	Cocoa	12	0	0.00	14.00	0.00	168.00	0.00	0.00	168.00
	A. N.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	K. A.	Cocoa	12	0	0.00	14.00	0.00	168.00	0.00	0.00	168.00
	E. A.	Cocoa	18	0	0.00	14.00	0.00	252.00	0.00	0.00	252.00
	A. A.	Cocoa	15	0	0.00	14.00	0.00	210.00	0.00	0.00	210.00
	P. K. W.	Cocoa	24	0	0.00	14.00	0.00	336.00	0.00	0.00	336.00
	E. K.	Cocoa	12	0	0.00	14.00	0.00	168.00	0.00	0.00	168.00
	K. K.	Cocoa	17	0	0.00	14.00	0.00	238.00	0.00	0.00	238.00
	K. H.	Cocoa	30	0	0.00	14.00	0.00	420.00	0.00	0.00	420.00
	E. S.	Cocoa	14	0	0.00	14.00	0.00	196.00	0.00	0.00	196.00
	E. D.	Cocoa	22	0	0.00	14.00	0.00	308.00	0.00	0.00	308.00
	<b>TOTAL</b>		<b>198</b>					<b>2,772.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2,772.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>



Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income	
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J
Asawinso - Mmrewa F/R (12.0km)	K. G.	Cocoa	52	0	0.00	14.00	0.00	728.00	0.00	0.00	728.00
	E. D.	Cocoa	32	0	0.00	14.00	0.00	448.00	0.00	0.00	448.00
	T. A.	Cocoa	30	0	0.00	14.00	0.00	420.00	0.00	0.00	420.00
	K. A.	Cocoa	37	0	0.00	14.00	0.00	518.00	0.00	0.00	518.00
	K. D.	Cocoa	38	0	0.00	14.00	0.00	532.00	0.00	0.00	532.00
	N. A. A.	Cocoa	46	0	0.00	14.00	0.00	644.00	0.00	0.00	644.00
	N. Y.	Cocoa	28	0	0.00	14.00	0.00	392.00	0.00	0.00	392.00
	K.	Cocoa	22	0	0.00	14.00	0.00	308.00	0.00	0.00	308.00
	<b>TOTAL</b>		<b>285</b>					<b>3,990.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3,990.00</b>
<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>											<b>20,000.00</b>

**APPENDIX 6: ASHANTI REGION**

(Valuation by the Ministry of Food and Agriculture)

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
Spot Improvement Of Tweapease Inc. - Tweapease F/Rd (4.0km)	Mr. A.	Palm	25	-	0.00	44.00	0.00	1,100.00	0.00	0.00	1,100.00	Compensation paid
	Mr. A.	Cocoa	50	-	0.00	20.60	0.00	1,030.00	0.00	0.00	1,030.00	
	Mr. A.	Plantain	20	-	0.00	9.00	0.00	180.00	0.00	0.00	180.00	
	Mr. K.	Cassava	150	-	0.00	2.50	0.00	375.00	0.00	0.00	375.00	
	<b>TOTAL</b>							<b>2,685.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2,685.00</b>	
	<b>COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)</b>										<b>20,000.00</b>	

**ATTACHMENT 1: SAMPLE COMPENSATION PAYMENT FORM**

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**DEPARTMENT OF FEEDER ROADS  
TRANSPORT SECTOR PROJECT (TSP) – FIRST YEAR PROJECTS  
COMPENSATION PAYMENT FORM**

<b>Road Name</b>	<b>Property / Crop</b>	<b>Name of Property Owner</b>	<b>Amount Received GHC</b>	<b>Thumb Print / Signature of Recipient</b>	<b>Contact Number</b>

**WITNESSES**

1. \_\_\_\_\_  
2. \_\_\_\_\_  
Name Signature Dat

