June 15, 1983 Tanga Branch N.M.C.

Transfers into Tanga Region

(ton)

	1981		19	082
Month	Raw material	Finished product	Raw material	Finished product
Jan.	1,180	8	883	42
Feb.	4,665	•••	2,021	255
Mar.	5,175	38	1,393	606
Apr.	4,982	-	106	187
May	1,713	395	543	176
June	754	488	2,621	70
July	2,089	654	3,394	113
Aug.	1,201	92	4,874	122
Sep.	1,764	246	621	178
Oct.	2,335	20	-	177
Nov.	991	~	-	153
Dec.	184	5	we	67
Sub-total	27,033	1,946	16,456	2,146
Total	2	8,979	18,	602

Notes: Raw material means maize, beans, peas, legumes, sorghum, cassava roots.

Finished product means baking flour, sooji, brown flour (Atta) maize flour (Sembe), milled rice.

June 15, 1983 Tanga Branch N.M.C.

Transfers out of Tanga Region

(ton) 1982 1981 Month Finished products Finished products Raw material 98 11 Jan. 7 7 Feb. Mar. 4,656 Apr. 412 532 May 83 468 June 537 Ju1y Aug. 198 2,682 108 Sep. 1,424 Oct. 36 Nov. Dec. 6,499 4,742 18 Sub-total Total 4,760 6,499

Notes: Raw material means maize, beans

Finished product means milled rice, baking flour

Import/Export, Unloaded/Loaded at Tanga Port

			(con)
Year	Import	Export	
1980/81	62,569	5,973)
1981/82	17,068	2,832) pigeon peas) for India
1982/83	10,009	11,574	ý

June 15, 1983 Tanga Branch N.M.C.

Sales Amount by District in Tanga Region

1979/80						(ton)
District Commodity	Korogwe	Handeni	Lushoto	Muheza	Tanga	Sub- total
Maize	1,089	471	9	1.2	65	1,646
Sorghum (Mtama)	294	37		95	833	1,259
Beans	163	54	47	6	998	1,268
Cassava Roots	781	218	· <u>-</u>	157	1,636	2,792
Pigeon Peas	1			_	502	503
Green Legume (Choroko)		1	_	· <u></u>	7	8
Cow Peas (Kunde)	7	-	_		1,416	1,423
Paddy	_	_	2	_		2
Milled Rice	92	13	20	16	2,022	2,163
Maize Flour (Sembe)	2,281	1,020	349	201	14,746	18,597
Special Baking Flour (SBF)	36	5	-	1	333	375
Home Baking Flour (HBF)	9	-	-	-	36	45
(Atta)	20	~-		-	49	69
Cassava Flour	56	· _	_	3	71	130
Total	4,829	1,819	427	491	22,714	30,280

June 15, 1983 Tanga Branch N.M.C.

Sales Amount by District in Tanga Region

1980/81 (ton) District Sub-Korogwe Handeni Lushoto Muheza Tanga tota1 Commodity Maize 214 1,959 642 87 1,180 4,082 Beans 2,459 210 86 30 896 3,681 Cassava Roots 166 141 307 Pigeon Peas - 92 29 475 596 Sorghum 297 325 29 78 552 1,281 Cow Peas (Kunde) 125 125 Paddy 6 6 (Fiwi) 1 1 Milled Rice 516 233 126 140 3,890 4,905 Maize Flour 4,521 215 23 2,293 17,824 24,876 (Sembe) Home Bakery Flour 22 10 5 611648 (HBF) Special Bakery Flour 2 944 946 Flour (SBF) Cassava Flour 16 16 Total 8,289 2,942 916 2,662 26,661 41,470

June 15, 1983 Tanga Branch N.M.C.

Sales Amount by District in Tanga Region

1981/82 (ton) District Sub-Korogwe Handeni Lushoto Muheza Tanga total. Commodity Maize 318 884 427 103 181 1,913 Beans 223 410 105 54 923 1,715 Cassava Roots 201 16 331 548 Pigeon Peas 48 48 Sorghum 97 714 10 15 196 1,032 Milled Rice 247 39 28 44 2,038 2,396 Maize Flour 416 13 61 255 7,036 7,781 (Sembe) Special Baking 5 24 4 7 57 97 Flour (SBF) Home Baking Flour 50 24 23 29 69 195 (HBF) Paddy 5 2 7 Tota1 1,380 2,290 658 523 10,881 15,732

Tanga Branch N.M.C.

Crop procurement in Tanga Region

		· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·		(ton)
Year & District	Maize	Sorghum	Beans	Pigeon Peas	Cow Peas	Legume Corigos	Paddy	Total
1980/81								
Korogwe	37	1	465	4				507
Handeni	9	8	759	86	74	11	-	947
Lushoto	-		531			_	_	531
Muheza	1			_		_	_	1
Tanga	42					.—	3	45
Sub-total	89	9	1,755	90	74	11	3	2,031
			1.5					, -
1981/82			٠.					
Korogwe	529	32	322	. -	_	<u>~</u>	23	906
Handeni	31	4	986	· _	_	_	_	1,021
Lushoto	6	~~	566	_	-		_	572
Muheza	778	-	-	_		_		778
Tanga	7	-	1		-	-	_	8
Sub-total	1,351	36	1,875	-	-	_	23	3,285
1982/83 (up t	o Feb.)						•	
Korogwe	1,039	49	59		←	_	3	1,150
Handeni	637	24	147		~		-	808
Lushoto	15	-	397	~	_		_	412
Muheza	687	2	1 .			-		690
Tanga	4	-	4	- :	-	-	-	. 8
Sub-total	2,382	75	608			_	3	3,068

June 24, 1983 Procurement by NMC Mbeya Branch

							. (ton)
Year & District	Maize	Paddy	Beans	Sorghum	Wheat	Finger millet	Milled rice	Total
1981/82								
Mbeya	3,302.4	2,270.4	8.4	272.1	0.5			5,853.8
Mbozi	1,327.2	4.7	275.3	267.5	0.3	4.6	1.2	1,880.8
Chunya	54	_	0.3	44.3	·		<u></u>	98.6
Kyela	0.9	1,066.3			-	· _		1,067.2
Ileje	146.6		39.9	0.3	-	-	-	186.8
State farms	2,119.7		28.5	836.6		·	12,031.9	15,016.7
Sub-total	6.950.8	3,341.4	352.4	1,420.8	0.8	4.6	12,033.1	24,103.9
1982/83			•					
Mbeya	2,423.7	1,326.9	29.5	172.3		_		3,952.4
Mbozi	3,766.6	4.9	699	939.6		0.9	-	5.411
Kyela	4.7	1,732.7	week	_	_	_		1,737.4
Chunya	174.7	-	4.4	27.4	-	_	_	206.5
Ileje	90.4		-	13,2	-		_	103.6
State farms	3,196.2	-	37.9	158,5	-		12,699.4	16,092
Sub-total	9,656.3	3,064.5	770.8	1,311		0.9	12,699.4	27,502.9
1983/84 (P	rojected)							
Mbeya	2,860	1,978	54	625	10	_	13,600	19,127
Mbozi	7,920	46	846	1,825	_	_	_	10,637
Kyela		2,576		50	_	_	_	2,626
Chunya	220	-	-	_	_	-		220
Ileje	-	-		200		_	dere	
Sub-total	11,000	4,600	900	2,500	10	_	13,600	32,610

Notes: Mbeya includes Mbarali rice state farm.

Mbozi includes Nsangira maize state farm.

Source: NMC Mbeya Branch

June 1983

Procurement Figures by regions (all crops)

	·				Unit: 1	,000 ton
REGION	77/78	78/79	79/80	80/81	81/82	82/83
D'Salaam	<u>-</u>	-	-	<u> </u>	-	- .
Coast	2.8	2.1	0.5	0.2	0.05	5.4
Morogoro	23.8	14.1	7.3	5.9	1.50	8.9
Tanga	11.9	13.4	4.5	2.2	3.30	12.9
Mtwara	21.4	37.4	27.9	10.5	6.70	12.9
Lindi	7.2	10.6	5.5	5.0	0.98	1.6
Λrusha	98.2	116.9	98.5	53.1	24.70	30.9
K'njaro	34.5	22.8	12.8	3.1	1.70	2.5
Dodoma	40.9	83.1	45.7	42.9	12.30	2.5
Singida	4.4	9.2	3.1	1.3	0.40	_
Tabora	34.0	27.6	16.0	3.7	1.60	4.7
Kigoma	4.3	4.3	4.3	3.2	1.00	0.7
Rukwa	28.7	20.3	35.7	23.0	18.60	22.6
Mwanza	12.4	23.1	23.4	0.7	0.09	0.2
Mara	9.9	8.9	6.5	0.4	0.31	0.6
Shinga	14.4	19.0	15.3	3.1	0.41	1.3
Kagera	9.1	10.3	9.8	3.8	5.06	3.5
Iringa	28.5	32.4	32.2	24.6	34.90	27.6
Mbeya	35.7	32.0	25.4	18.6	22.90	25.6
Songea	19.6	27.4	22.4	17.9	21.40	25.8
TOTAL	141.1	514.9	396.8	227.0	157.90	185.0

Source: NMC

July 31, 1982 Tanga Branch N. M. C.

QUALITY AND PEST CONTROL EQUIPMENT

			4	
	Name	Existing Quantity	(Out of Order)	Required Quantity
1.	Fumigation sheets, white	16	(7)	2
2.	Sand snakes, Michanga	45	(15)	20
3.	Adjustable spanner	2	(1)	
4.	Fumigation fitting	2	(1)	. 1
5.	Delivery tubing (pipe Ndefu)	. 3		- '
6.	Pipe (Za Katikati)	14		
7.	Cross pieces	12	e e	· , – ,
8.	Tee pieces	7		984
9.	Corks (pete)	26		_
10.	Respirators complete with canisters	4	* .	· _ ·
11.	Air compressor machine (Machine Ya Upepo)	_		1
12.	Spraying machine, power	8	(2)	-
13.	Goggies	7	(2)	5
14.	Canisters (Chupa Za Akiba)	8	(4)	4
15.	Mouth masks	8	(2)	5
16.	Moisture meter	14	(3)	-
17.	Swing fog machines			1
18.	Measuring tape	1		· -
19.	Chekecheke	6	(4)	4
20.	Weighing scales	2	(1)	4
21.	Sample divider	2		4
22.	Bambo	14	(3)	30
23.	Dust distributor			5
24.	Sample grinder	-		4

June 27, 1983 Tanga Branch N. M. C.

PEST CONTROL CHEMICALS UNDER USE

1. Fumigants, Gases

Methyl Bromide

Hydrogen Phosphide

2. Sprays, Liquids

Nuvan 50 (EC)

" 100 EC

" 100 EC

Sumithion

Kilpest

3. Sprays, powder

Malathin dust 5 (2) %

Actellic

2%

5%

Permithrine

4. Rodentcides

Zinc Phosphide

Klerat

Rodare

Ratic

5. Termite control

Aladrin 40

Deldrin

6.

Detia Ex - T (Ex - B)

MATERIALS COST

Materials	Unit	Price (T.S)	(1983 June at Remarks Dar es Salaam)
Cement	ton	1,400	Poltrand
Wood hard	each	465 ⁻	2.5 x 30 x 3.6m
11	each	105	5 x 2.5 x 3.6m
Wood soft	each	211.6	2.5 x 30 x 3.6m
11	ti .	70.2	5 x 2.5 x 3.6m
Steel	ton	13,090	16mm x 12m (H.S.B)
	ton	12,800	12mm x 12m
	ton	12,600	10mm x 10m
Cravel	Cu-Ft	12	
Sand	Cu-Ft	3	
Crushed Stone	Cu-Ft	15	
Rubblestones	Cu-Ft	12	
Reinforcing Bars	Kg	14	
Timber unsawn	Cu-Ft	200	
sawn	Cu-Ft	300	
Petrol premium	1.	12.05	
regular	1	9.62	
Kerosine	1	3,94	
Light Oil	1	4.11	
Engin Oil	1	11.16	Serial 3
Gear Oil	1	11.07	
Motor Oil	1.	10.47	



THE NATIONAL BOARD OF ARCHITECTS, QUANTITY SURVEYORS AND BUILDING CONTRACTORS TANZANIA.

In persuarance of Part II Section 3 (I) of the Architects Quantity Surveyors and Building Contractors (Registration) Act No. 35 of 1972 and as announced in the Official Gazette Volume IV No. 17 of 25/4/1974 the public is hereby informed that the following are registered Architects, Quantity Surveyors and Building Contractors as at 31/12/1982.

REGISTERED BUILDING CONTRACTORS AS OF 31/12/1982 CLASS I

(Project value exceeding T. Shs. 30 million) (32)

Hem Singh P.O. Box 698, Dar es Salaam/United Construction Co. Ltd. P.O. Box 2357, Dar es Salaam/Tanganyika Builders, P.O. Box 345, Mwanza/George Boorer & Sons Ltd. P.O. Box 1077, Dar es Salaam/G.A.K. Patel & Co. Ltd. P.O. Box 347, Dar es Salaam/United Builders Ltd. P.O. 30x 756, Mwanza/Associated Construction Co. (1973) Ltd. P.O. Box 20341, Dar es Salaam/Mowlem Construction Co. Ltd. P.O. Box 20341, Dar es Salaam/Mowlem Construction Co. Ltd. P.O. Box 831, Dar es Salaam/Milkha Singh Jawala Singh Ltd. P.O. Box 831, Dar es Salaam/Nilkha Singh Jawala Singh Ltd. P.O. Box 831, Dar es Salaam/Dewji Ramji Patel & Lo. Ltd. P.O. Box 20196, Dar es Salaam/Impresa Del Benaco SPA P.O. Box 20196, Dar es Salaam/Impresa Del Benaco SPA P.O. Box 20196, Dar es Salaam/Impresa Del Benaco SPA P.O. Box 20191, Dar es Salaam/Construction Engineers & Builders Ltd. P.O. Box 40123, Dar es Salaam/and 41794 Nairobi/D.B. Shapriye & Co. Ltd. P.O. Box 61, Mrwara, P.O. 30x 3229, Dar es Salaam/Godes Ltd. P.O. Box 1843, Dar es Salaam/Godes Ltd. P.O. Box 1843, Dar es Salaam/Godes Ltd. P.O. Box 1843, Dar es Salaam/J.W. Ladwa P.O. Box 20200, Dar es Salaam/J.S. Khambai a Ltd. P.O. Box 65, Moshi/Penfold & Co. Ltd. P.O. Box 41, Loshi, Italframe Ltd P.O. Box 3075, Dar es Salaam/J.S. Khambai a Ltd. P.O. Box 65, Moshi/Penfold & Co. Ltd. P.O. Box 420, Dar es Salaam/D.F. Mistry Co. (1974) Ltd. P.O. Box 602, Mwanza/NOREMCO consortium P.O. Box 720, Dar es Salaam/Multaneering Construction Corporation r. U. Box 12913, Dar es Salaam/Multaneering Construction Corporation r. U. Box 12913, Dar es Salaam/Multaneering Construction Corporation r. U. Box 12913, Dar es Salaam/Multaneering Construction Corporation r. U. Box 409, Arusha/C.G.Jensen A/S P.O. Box 9472, Dar es Salaam.

CLASS II (Project value up to T. Shs. 30 nillion)

Patel Construction Co. (1967) Ltd. P.O. Box 1646, Dar es Salaam, Associated Builders Ltd. P.O. Box 1631, Mwanza, Bharya Engineering & Contracting Co. P.O. Box 1698, Dar es Salaam, Dexui Construction Co. Ltd. P.O. Box 583, Dar es Salaam, Tank Brothers Ltd. P.O. Box 51, Mrwara, P.O. Box 62, Masas, Yusuf Mussa Moledina & Co. P.O. Box 501, Dares Salaam, Beins Salaam, Sing Contractors Ltd. P.O. Box 204, Mboya, Vadgarna Building Contractors Ltd. P.O. Box 204, Mboya, Vadgarna Building Conficuency Co. Dox 2962, Dar es Salaam, Birdi Construction Co. (T) Ltd. P.O. Box 1859, Dar es Salaam, Pindoria Construction Co. (T) Ltd. P.O. Box 1859, Dar es Salaam, Pindoria Construction Co. (T) Ltd. P.O. Box 498, Iringa, Allied Construction Col. Ltd. P.O. Box 20759 Dar es Salaam, V. Biasci (Company) P.O. Box 2933 DSM.

CLASS III (Project Value up to T. Shs. 15 million)

Philip Construction & Transport Co. Ltd. P.O. Box 3 3, Arusha Sehmi Probir Co. Ltd. P.O. Box 20417, Dar es Salaam K.S. Virdee P.O. Box 280, Morogoro Arjan Ram & Salaam / K.S. Virdee P.O. Box 280, Morogoro / Arjan Rem & Sous P.O. box 518, Anusha/ Express Construction Co. Ltd. P.O. 5099, Dar es Salaam S.P. Construction Company P.O. Box 508, Mwanza/ Kapoor Singh & Company P.O. Bex 7, Singidad Ratan Singh Bros Ltd. P.O. Box 62, Iringy Singn Construction CO. P.O. Box 350, Morogoro Parthenon Contractors Ltd. P.O. Box 2751, Dar es Salaam/ Patrice Associates Building Contractors P.O. Box 738, Moshy D.L. Jacob & Company, P.O. Box 58, Bukoba/ Quality Construction Co. Ltd. P.O. Box 2977, Dar es Salaam/ Rajani Construction Co. P.O. Box 457, Mwanza/Joel Rweikiza & Company P.O. Box 182, Bukoba, M.A. Zangie P.O. Box 458, Mioshi/ Globe Construction Co. P.O. Box 170, Dodoma/ Uzuri Construction P.O. Box 1678, Dar es Salaam/ John Soutis & Pagonis P.O. Box 110, Sumbawanga, P.O. Box 4211, Dar es Construction P.O. Box 10/8, Dar es Salaamy John Souns & Pagonis P.O. Box 110, Sumbawanga, P.O. Box 4211, Dar es Salaam/ Tanzania Construction CO. P.O. Box 1984, Dar es Salaam/ Kassam Construction Works, P.O. Box 1565 Dar es Salaam/ University Builders Ltd. P.O. Box 3376, Oar es Salaam/International Housing Systems Africa Ltd. P.O. Box 45093, Dar es Salaam/ Central Engineering Works P.O. Box 433, Dodoma/Sandhu Construction P.O. Box 227, Arusha Wilhalbinai Pale! Construction Ltd. P.O. Box 20505 Dar es 433, Dodoma/Sandhu Construction P.O. Box 227, Arusha/Vithalbiai Patel Construction Ltd, P.O. Box 20505, Dar es Salaam/ Coastal Steel Industries P.O. Box 5331, Dar es Salaam/ Telbecco P.O. Box 20446, Dar es Salaam/ Standard Construction co. P.O. Box 40171, Dar es Salaam/ Airo Construction P.O. Box 272, Singidy Jumanne, Yamlinga & Co. P.O. Box 585, Mwanza/ Pioneer Engineering & Construction Co. P.O. Box 4162, Dar es Salaam/ New Builders P.O. Box 5043, Tanga/ Nation: 1 Service Construction Department P.O. Box 1694, Dar es Salaam/ K.J. Enterprise Company P.O. Box 15717, Dar es Salaam/ Leliable Construction P.O. Box 1023, Dar es Salaam/ & S Ltd P.O. Box 2300 Dar es Salaam/Chenyenge Enterprise Ltd, P.O. Box Box 2300 Dar es Salaam/Chenyenge Enterprise Ltd, P.O. Box 572; Mwanza/Mechanical Installatiors & Engineering Co. Ltd. P.O. Box 7443, Dar es Salaam/Juhudi General Contractors Ltd. P.O. Box 352, Sumbawanga/Premier Construction Cc. P.O. Box 1471 DSM/Kersan Ramii Patel & Co. P.O. Box 21378 DSM/Globe Express Supplies P.O. Box 2 21506 DSM. Tillya Construction Company Ltd P.O. Box 817, Moshi/ Rombo Building contractors P.O. Box 303, Moshi/ K.P. Construction Co. Ltd. P.O. Box 2291, Dar es Salaam / Kisamo United Traders P.O. Box 399, Moshi/ T.P. Builders & Co. ltd. P.O. Box 726, Tabora Ramsingh & Sons-P.O. Box 218, Morogoro Associated Concrete Ltd. P.O. Box 399, Dar es Salaam / Co. Ltd. P.O. Box 726, Tabora Ramsingh & Sons-P.O. Box 218, Morogoro Associated Concrete Ltd. P.O. Box 3990, Dar es Salaam / Dynamic Construction Engineering Ltd. P.O. Box 3990, Dar 218, Morogord Associated Concrete Ltd. P.O. Box 270, Dar es Salaam Dynamic Construction Enginering Ltd. P.O. Box 274, Dar es Salaam, P.O. Box 275, Tabora Massai Engineering & Contracting Co. Ltd. P.O. Box 75, Dar es Salaam Tanzania Aggregates P.O. Box 20264, Dar es Salaam Southern Enterprises P.O. Box 9404, Dar es Salaam Salaam Salaam Salaam Construction Co. Ltd. P.O. Pro 20688, Dar es Salaam Bahati Construction Co. Ltd. P.O. Box 2120, Dar es Salaam Salaam Salaam.

(Project value up to Tshs. 6 million)

CLASSIV

(Project value up to T. Shs. 10 million)

Pragji Mohan & Company P.O. Box 1101, Mwanza, Jaypee Construction Company P.O. Box 20219, Dar es Salaam, Dalip Single P.O. Box 550, Mbcya, National Construction Co. Ltd. 1853, Dur es Salainn, Kursan Rumll Patel & Company P.O. Box 20078, Dur es Salainn, Law Chye Llin P.O. Box 438, Mbeya, Naren Jetha Patel & Co. Box 3192, Arusha, A.K. Building Contractors P.O. Box 186, Mwanza, Pioneer Building Construction Co. P.O. Box 20203, Dar es Salaam, Sembi Contractors P.O. Box 306, Dodoma, Nyanza General Contractors P.O. Box 489, Mwanza, Tabora Construction Co. P.O. Box 123, Tabora, Khumbhaita Construction P.O. Box 361 Moshi, Bujune Building Contractors Co. P.O. Box 131, Bukoba, Jetha Lalji P.O. Box 87, Nzega, K.M. Construction Ltd. P.O. Box 15537, Dar es Salaam, Nanak Singh & Sons P.O. Box 155, Singida, Aris Construction Company Ltd. P.O. Box 1143. Dur es Salaam, Mainland Construction Company P.O. Box 2923, Dur es S. Laam, Milembe Construction Company P.O. Box 3233, Dar es Salaam, General Services & Contracting Co. P.O. Box 40190, Dar es Saluam, Hari Singh & Sons P.O. Box 299 Moshi, Engineering & Building Contractirs P.O. Box 3803, Dar es

Salaam, Vekaria Construction (Quarry) Ltd. P.O. Box 21002, Dar es Salaam, Hasham Jamal & Sons P. D. Box 143, Mwanza, Building, Civil & Electrical Engineering Contracting Co. P.O. Box 20568, Dar es Salaam, J.S. Saggu P.C. Box 251, Iringa, V.J. Mistry & Co. P.O. Box 1007, Buke 62, Noray Construction Company Ltd. P.O. Box 2962, Dar es Salaam, Associate Builders, General Consultancy & Agency P.O. Bor 2460, Dar es Salaam, Super Terrazo A. P.O. Bux 434, Arusha, Pan African Construction Company Ltd. P.O. Box. 542, Dar es Salaam, United Construction & Transporting Company P.O. Bo: 110, Bukoba, Metro Construction Limited P.O. Boy 3831. Dar cs Salaam, Madenge Euildine Construction Co. P.O. Box 2986, Drr es Salaam, Jarthuri Construction Co. (JACCO) P.O. Box 725, Dar es Salaam, Usambara Building Constructors Co. J.O. Box 26073, Dar es Salaam, TIBUSCA Construction Ltd. 1.O. Box 371, Bukcha, Coast Building Construction CO. P.O. Box 4736, Dar es Salaam, Mzizima Painters & Decorators Ltd P.O. Box 4736, Dar es Salaam, Paramount Construction CO. P.C. Box 1159 Dar es Salaam, Faramount Construction CO. P.C. Box 1137, Dar es Salaam, Timber & Furniture Store Ltd. P.C. Box 1812, Mwanza, Y.S. Hoza P.O. Box 522, Korogwe, Shi lal Tank & Company P.O. Box 816, Dar es Salaam, Gh ra Building Contractors P.O. Box 415, Mbeya, Wan fama Enterprises Construction & Material Services P.O. Box 4 56, Dar es Salaam, Andrea B. Idbawa & Partners Building Contractors P.O. box 273, Songea, Mara Construction Co. Ltv. P.O. Box 1108, Mwanza, Sai Construction Ltd. P.O. Fox 2134, Dar es Salaam, Irienyi, General Construction Co. Lt 1 P.O. Box 1755, Mwanza, Masasi Construction Company Ltd.P.O.Box 275, Masasi, BCI Construction Company Ltd. P.O. Box 3206, Dar es Salaam, ACA Co. Ltd. P.O. Box 21256 Dar es Salaam, Mgebi Furniture & Trusses Centre works P.C. 3 ox 3752, Dar es Salaam, Methods Ltd. P.O. Box 5002, Dar es Salaam, Dar es Salaam, Umoja Building Contractors P.O. Lox 82 Nzega. I.E.C. Inter Engineering Co. Ltd. P.O. Box 20868, Dar es Salaam, Tugeme Building Contractors r.O. Box 840, Morogoro, Karania Construction Co. P.O. Box 948, Dar es Salaam. Bantu Building Contractors P.O. Box 519 Bukoba. D.S. construction Co. P.O. Box 1872 Mosh.

D.R. Mistry P.O. Box 38, Moshi, The International Agencies & Construction Equipment P.O. Box 1721, Mwanza, Mbeya & Construction Equipment P.O. Box 1721, Mwanza, Mbeya Building Contractors Co. P.O. Box 1150, Mbeya, City Office Cleaning & Maintenance Co-op Society Ltd P.O. Box 2217, Dar es Salaam, Underground Construction Limited P.O. Box 2738, Mwanza, Sohan Singh Sons Ltd P.O. Box 364, Arusha, Super Construction CO.P.O. Box 6350, Dar es Salaam, Tanzania Pump Services P.O. Box 20148, Dar es Salaam, Pemba Building Contractors P.O. Box 241 Shinyanga, Mwamco building Construction CO. (1976) P.O. Box 2837, Dar es Salaam, Gorican Building Works P.O. Box 20626, Dar es Salaam, Gorican Building Works P.O. Box 20626, Dar es Salaam, Gorican Building Works P.O. Box 20626, O. Box 2837, Dar es Salaam, Gorican Building Works P.O. Box 20626, O. Box es Salaam City Decorators & General Maintenance P.O.Box 988. Dar es Salaam Jerep Community Building & Civil Engineering Construction P.O. Box 408, Dar es Salaam, M.K. Construction Ltd. P.O. Box 4669, Dar es Saluam, Sadhu Singh Malla Singh P.O. Box 191, Dodoma, Coast Contractors P.O. Box 1029, Zanzibar, Sell& Company P.O. Box 935, Mwanza, African mosaic tiles Factory Ltd. P.O. Box 1238, Dar es Salaam, Juhudi Contractors P.O. Box 1310, Mwanza, Apacha Enterprises P.O. Box 116, Shinyanga, R.S. Construction P.O. Box 9330. Dar es Salaam, Tanzania Professional Builders P.O.Box 20777, Dar es Salaam, Molela Construction CO... P.O. Box 818, Morogoro, Pan Construction Co. Ltd. P.O. Box 21073, Dar es Salaam, Seco Engineers & Contractors P.O. Box 283, Dar es Salaam, Harizon Enterprises Ltd. P.O. Box 5749, Dar es Salaam, Lucas Construction Co. Ltd P.O. Box 919, Moshi, Gombe Building Contractors P.O. Box 115, Kigoma. Tanzania Building Civil Engineering Contractors P.O. Box 4959 DSM, Mawji Nathoo & Sons Ltd. P.O. Box 5529 DSM. Ujuzi Building Contractors P.O. Box 750, Morogoro, Parmar Engineering Works P.O. Box 1386, Mushi, Pitamber Ramshi & Sons P.O. Box 134, Morogoro, Mlangwa building Contractors P.O. Box 137, Morogoro, Green Builders Co. Ltd. P.O. Box 1697, Moshi, Rapid Construction P.O. Box 1928. Mwanza, Onset Tanzania P.O. Box 45263, Dar es Salaam, Agiza General Building Contractors Co. P.O. Box 454, Bakoba, Siba Construction P.O.Box 180, Nachingwea, Kagas ie Maintenance & Building contractors P.O. Box 72.
Kigoma, Harith Saidi & Brothers R.O. Box 8, Mpanda, S.M.J. Builders Ltd. P.O. Box 824, Dar er Salaam, Lake Star Building Contractors P.O. Box 757, Bukobi, Building Service Tanzania Ltd.P.O. Box 15239, Dar es Saluam, Kigarama Enterprises P.O. Box 422, Dar es Salaam, Tanganyika Citizen Building Constructors P.O. Box 364, Sumbawanga, Kanyarwe Building Contractors P.O. Sox 77, Ntoma Bukoba, Muleba Builders P.O. box 2351, Dar es Sclaam, Kasuka Building Contractors P.O. box 299, Shinyanga, Kinondoni Construction Co. P.O. Box 23049, Dar is Salaam, Marina Construction Co.P.O. Box 65306, Dar es Salaam, Sumbawanga Building Contractors Hardware Supplies P.O. Box 2750, Dar es Salaam, Tai Building Construction Co. P.O. Box 21013, Dar es Salaam, Intercontinental Construction CO.Ltd. P.O. Box 5884, Dar es Intercontinental Construction CO.Ltd. P.O. Box 5884, Dar es Salaam, Intercontinental Construction CO.Ltd. P.O. Box 5884, Dar es Intercontinenta Salaam, Industrial Development & Production P.O. Box 7555, Dar es Salaam Neta Engineering & Contractors P.O. Box 38, Kimamba, African Provision Stores & Industries Ltd. P.O. Box 1661, Dar es Salauri, Lake Timber Furniture & Building Contractos P.O. Box 673. Bukoba, Giant Construction Co. Ltd. P.O. Box 967, Dar es Salaam, Chan'ga Builders P.O. Box 611. Iringa, Ngofillo Co Ltd. P.O.Box 1284, Mwanza, Shinyanga Bricks C. mpany P.O. Box 428, Shinyanga, Salim Builders P.O. 30x 945. Bukoba. O. Kidi Building Contractors P.O. Box 51, Shinyanga, Covi Construction Ltd. P. O. Bx 1111. Arusha, Sam Construction Co. P.O.Box 860. Mbeya, United Modern Building & Electrical Construction Co. P.O. Box 1441, Mbeya, Coastal Contractors Co. P.O. Box 3146 DSM Star Engineering Construction co. Ltd. P.O. Box 1342 Mbcya.

Popular Construction Co. P.O. Box 1147 DSM. L-ke African Ouarry Contractors P.O. Box 2785, Mwanza, fibendelana Building Contractors P.O. Box 17. Geita, Kyoro Building Contractors P.O. Box 778, Bukoba, F. Rugen afira Building Contractors P.O. Box 1162, Bukoba, Mutharu Building Contractors P.O. Box 162, Bukoba, Mutharu Building Contractors P.O. Box 178, Bukoba, Mutharu Building Contractors P.O. Box 188, Bukoba, Buk P.O. Box 5594, Dar es Salaum, Majengo Block Supply P.O. Dox 1161, Moshi, Mittu Partnership P.O. Box 100, The Tanzania Azimio Construction Company P.O. Box 391, Shinyanga Reliance Builder Ltd. P.O. Box 2098, Dac es Salaam. Somo Contractors Ltd. P.O. Box 3552, Dar es Salaam, Babu Building Construction P.O. Box 21453, Dar es Salaam, Pramulk Construction Co P.O. Box 20210, Dar es Sulvam, Genera, Construction Co. P.O. Box 20198, Dar es Saluam. Construction Services Ltd. P.O. Box 1072 DSM. Humisi Juma Building Contractor P.O. Box 80 Tabora. Shubbir Din & Co. P.O. Box 1043 Mwanza.

CLASS VI (Project value up to T. Shs. 3 million)

J.M. Canciro, '.O. Box 1333, Dar es Salaam, Mwanafunyo & Company P.O. Box 854, Tanga, Tanzania Building Contractors P.O. Box 174, Lindi, African Development Ltd. P.O. Box 21/61, Dar es Salnam, Modern Building Contractors P.O. Box 1331, Arusha, Alhaj Abdu S. Rusheke Contractors P.O. Box 195, Dodomu, Sudi's Store & General Dealers P.O. Box 150, Nzegu, Peter O.M. Building & Muintenance P.O. Box 25296, Dar es Sulmin, Alled Plumbing Company Ltd. P.O. Box 31x52, Dur es Sulmin, KEECO P.O. Box 5144, Dares Salaam, Fropical Construction Ltd. P.O. Box 5120; Dar cs Salaam, Mumbi Building Contractors Ltd. P.O. Box 4400, Dar es Salaam, Itala Building & Civil Engineering Contractors P.O. Bo:: 5217, Dar es Salaam, Nifcol Company Ltd. P.O. Box 3885, Dar es Salaam, Rama Decorators P.O. Box 2162, Dar es Salaam, Iringa Metal Works & Building Contractors P.O. Box 17, Iringa, Ndarry Construction Co. P.Q. Box 25105, Dar es Salaum J. B. Construction Co. P.Q. Box 285 Newala Tupendane Building / Contractors P.O. Box 5482 Dar es Salaum, J.S. Contractors P.O. Box 21451. Dar es Salaam. Shirika la Mawe la Ujenzi Contractors P.O. Box 531, Songea, Dar es Salaam General Technical & Operational Works P.O. Box 5492, Dar es Salaam, Mbeya Painters Contractors P.O. Box 628, Mbeya, Elite Contractors & Repair Co. P.O. Box 767, Dar es Salaam, Tropical Building Contractors Co. P.O. Box 3247. Dar es Salaam, Julian Buberwa & Co. P.O. Box 730, Bukoba, Taifa Plumbing Works P.O. Box 5905, Dar es Salaum, Kugumisa & Partners Building Contractors P.O. Bux 1907, Mwanza, TAMBICO, P.O. Box 847, Dar es Salaam, Kugera Industrial Supplies P.O. Box 460, Shinyanga, E.A. Manyanga, Tropical Building & Maintenance P.O. Box 84 Himo, Coastal Decorators & Co. P.O. Box 25397, Der es Salaam, Kasese Contruction P.O. Box 3716, Dar es Salaan, Dar es Salaan Builders & Contractors P.O. Box 1826, Dar es Salaam Bagelize Construction Company P.O. Box 250, Iringa, Davecha Builders & Decorators P.O. Box 21069, Dar es Salaam, Majengo & House Furniture, P.O. Box 3954, Dar es Salaam, Mazrui Building Contractors, P.O. Box 1043, Zanzibar, Ndevamia Building Contractors P.O. Box 202, Moshi, Geita Building Contractors & Wood Jiner P.O. Box 41. Geita, Basigazi Building Octorators P.O. Box 726, Bukoba Umoja Builders P.O. Box 2447, Mwanza Muswa African Commercial Agency P.O. Box 66, Maswa, International Design & Cosntruction Engineering P.O. Box 5013, Tanga, Safafi Enterprises P.O. Box 25172, Dar es 5 daam, M.M. Construction & Maintenance Co. Ltd. P.O. Box 5339, Dar es Salaem, Kibo Shoo Industry Engineering Works Ltd. P.O. Box 7147, Arusha, LESIKANA Building Contractors P.O. Box 581, Tabora, Wapendanao Timber & Furniture Supples P.C. Box 4(XX6, Dar es Salaam, Tuungane Buildi g Contractors P.O. Box 154 Kieoma, Mninga Building Contractors P.O. Box 4483 DSM, Kambule K, Lungwi Building Contractors P.O. Box 4483 DSM, Kambule K, Lungwi Building Contractors P.O. Box 143, Sumbawanga, Luw & Building Contractors & Consulting Co. P.O. Box 33, Sumbawanga, Haiderali, F. Khaki P.O. Box 1042, Lind, G.1 Sumar P.O. Box 246, Lindi, Modern Engineering & Construction Co. Ltd. P.O. Box 1397, Dodoma, Sovi Builders & Building Material Suppliers P.O. Box 21124, Dar es Salaam, Consolidated Enterprises construction Co. P.O. Box 8070; Moshi, Maswa Construction Ltd, P.O. Box 70, Beriadi, Highland Building Contractions P.O. Box 21108, Dar es Salaam, Si elter Construction P.O. Box 35039, Dar es Salaam, Sulter Construction P.O. Box 1813, Dar es Salaam, Shinyanga Building Contractors P.O. Box 471, Shinyanga, Equator Builders Company Ltd. P.O. Box 6381, Liries Salaam, Christopherson & Company Ltd. P.O. Box 1830, Moshi, Kamudaya, Construction P.O. Box 2330, Dar es Salaam, Christopherson & Company Ltd. P.O. Box 1830, Dar es Salaam, Christopherson & Construction P.O. Box 2330, Dar e Moshi, Kamudeva Construction P.O. Box 2230, Dar es Salaam, Construction & Allied Services P.O. Box 4225, Dar es Salaam, Musoma, Builders & Electrical Constructors P.O. 247. Musonia, Afina Constructio Company P.O. Box 730, es Salaam, Liombe Building Contractors P.O. Box 764, Tahora, Ekjan Construction Co. Ltd. P.O. Box 291, Tanga, Matharu Wood Products Ltd. P.O. Box 1850, Dar es Salaam, New Standard Construction & Timber Dealers P.O. Box 539, Dar es Salvam, Miwara, Arawa Services Lid P.O. E. George J. Kibogoyo & Co. P.O. Box 1056, Dar es Salaum, Yenu Contractors P.O. Box 21527, Dar es Salaum, Steel Structives System P.O. Box 2137, Dar es Salaum, Lengo B/C Furniture Timber Supply P.O. Box 2168, Mwanza, African Construction Cooperative Society P.O. Box 20198, Dar es Salaam, C.P. Gahel & Sons P.O. Box 20267, Dar es Salaam, Bukoba African Building Contractors P.O. Box 104 Bukoba, Builders Superior P.O. Box 1136 Mwanza, Home Builders, P.O: Box 25119 Dar es Salaam.

Swalls Decorators & General M intanance P.O. Box 3644, Dar es Salaum Coust Region Builders Society F.O. Box 15044, Dar es Salaam, Kaguga Building Contractors P.O. Box 24 Kuhama, Yunusu K. Athmani & Compuny P.O. Box 998, Bukoba, Mahara Building Contractors & Brick Makers P.Q. Box 3354, Dar es Salaam, T.A.P. Building Construction Co. P.O. Box 20958, Dar es Salaam, Express Painters & Steel Works P.O. Box 5163, Dar es Salaam, Bendix Builders, P.O. Box 20771, Dar es Salaam, Utani Chuma P.O. Box 151, Singida, Maziwe Building Contractors P.O. Box 2057, Tanga, Sanane, & Company P.O. Box 1920, Mwanza, Oriental Decorators (1976) Ltd. P.O. Box 3028, Dar es Salago, Lutta Construction Company, P.O. Box 1499, Tunga, Imara Building Brigade Co-operative Society P.O. Box 262, Bukoba. modern Contractors P.O. Box 5535, Dar es Salaam, Schinbi Engineers P.O. Box 327, Moshi, Low Cost Construction & Decorators P.O. Box 1345, Dar es Salaam, Kagya & Co. P.O. Box 6072, Dar es Salaam, Nshane Building Contractors P.O. Box 45, Bukoba, Institute of Wajenzi P.O. Box 1999, Mwanza, T.K. Building Contractors P.O. Box 133, Mbeya, Bungo Building Construction P.O. Box 995, Morogoro, Masunzu Building Construction P.O.Box 3001, Malya-Kwimba, Kitrading & Company P.O. Box 1164, Dodoma, Burgh Enterprise Construction P.O. Box 21071, Dares Salaam, Boco Buil 'ers Ltd. P.O. Box 1958, Mwanza, Kategu & Company P.C. Box 508 Bukoba Kabwe Contractors P.O. Box 7183, Dar es Calaam, Wajenzi Enterprises Co. P.O. Box 1822, Dar es Salaam, LECO Engineering & Consultants, P.O. Box 5767. Dar es Salaam, Prudential Enterprising Combine P.O. Box 5784, Dar es Salaam, Quality Decorators & Builders Ltd. P.O. Box 2543, Dar es Salaam, Modern Design Builders P.O. Box 35039, Dar es Salaam, New Tanzania Decorators Ltd. P.O. Box 269, Dar es Salaam, Capital Decorators & Works Ltd. P.O. Box 1535, Dodoma, Mwinyirunga Building Contractors P.O. Box 767, Dodoma, A.M. Enterprises Construction P.O. Box 1235, Dodoma, Tugemage Building Contractors C.O. Box 31, Magu, Mwanza, Tupendane 350, Shinyanga, Shija Magaka Building Contractors P.O Box Builders & Contractors Co-operative Society P.O. Box 25136, Dar es Salaum, Kawamo na Building Contractor & Maintenance P.O. Box 15176, Dar es Salaam, Waronga Company Ltd P.O. Box 3447, Dar e; Salaari, Ngwembano Building Contractor Ltd P.O. Box 25279; Dar es Salaam, Temeke Estate Building Contractors P.O. Box 6123, Dar es Salaum, Msaka Painters & Decorators P.O.Box 3898, Dar es Salaam, United Building Trade Agency, P.O. Box 396, Dodoma, Msalalal Haulage & Construction Co. Ltd. P.O. Box 494. Shinyanga, Isamilo Enterprises P.O. Box 431, Tabora, Mafia Construction Co, P.O. Box 16205, Dur es Salaam, Vinsal & Partners P.O. Box 55167, Dar es Salaam, Pagijo Construction Company P.O. Box 1764, Dodoma, Penguin Construction Company P.O. Box 4866, Dar es Salaam, Busema — Kibaha Vifaa vya Ujenzi & B/Services P.O. Box 1707, Darge Salaam, Bushata Pagido Contractor P.O. Box 1707, Darge Salaam, Bushata Pagido Contractor P.O. Box Busema — Kloana Vilaa vya Ujenzi & Biservices r.O. box 30172, Dar es Salaam, Byabato Building Contractors P.O. Box 1187, Shinyanga, Fibre Flint Enterprises P.O. Box 4748, Dar es Salaam, Tinsmith, Timber, Stone, & Building Construction P.O. Box 116, Tabora, Skyline Company P.O. Box 6399, Dar es Salaam, International Construction & Engineering Co. Ltd. P.O. Box 6338, Dar es Salaam, Modern Renovators P.O. Box 431, Iringa, Ubesco & General Engineering P.O. Box 400, Shinyana Licemovic General Works P.O. Box 55, Mitwara, Shinyunga, Jipemoyo General Works P.O. Box 55, Miwara, Chamu Cha Ushirika Ujenz Kihesa Lid. P.O. Box 611, Iringa, Sato: & Company P.O. Box 601, Tabora, Waziri Building Contractor P.O. Box 20881, Dar es Salaum, M.K. & Partners Construction Co. P.O. Box 348, Tanga, Dar es Salaum Glass Works P.O. Box 281, Dar es Salaam, Tanzania Building & Construction Co. P.O. Box 2169, Mwanza, Kweta Building Engineers P.O. Box 228, Bukoba, Building Design & Yainenance P.O. Box 1319, Dodoma, Chefrona Building Contractors Etd. P.O. Box 45771, Dar es Salarm Schanpal Metal Works Etd. P.O. Box 904, Tanga, Ujenzi Katoro P.O.Box 620, Bukoba, Modest Construction Services P.O. Box 20777, Dar es Salaum, Marafiki General Supplies & Building Contractor P.O. Box 85, Songea, Clite Decorators & Building Contractors P.O. Box 819, Dar es Salae John Kwegusira & Partners P.O. Box 922. Bukoba.

ARCHITECTS:

D.K. Neuro P.O. Box 64, Babati, Mbamila Furniture & Hardware P.O. Box 60182 Dar es Salaam, Union Success Company P.O. Box 20961, Dar es Salaum, Kabilizi Furnigation Fresg & Dired Fish Company P.O. Box 5705, Dar es Salaam, Bega kwa Bega Enterprineur P.O. Box 336, Singida, Kibo Metal & Furniture Works, P.O. Box 1451, Moshi, Hima Building Contractors P.O. Box 936, Mwanza, Henjuzo & Shuliza Building Contractors P.O. Box 778, Musoma, Lingo Furniture & Timber Sules P.O. Box 826. Dur es Salaum, Equator Brothers & Purtners P.O. Box 16317, Dur es Sulnum, Chamwino Construction & Trading Co. P.O. Box 7176, Dur es Salnum, Mayeho Building Contractors Co. P.O. Box 6419, Our es Salaam, Unique Decorators, Maintenance & Estinaters P.O. Box 4339, Dar es Salaam, Lake Painters & Decorators P.O. Box 65226, Dar es Salaam, Makete Building Contractors P.O. Box 883, Mbeya, Carpenters & Building Maintenance P.O. Box 4834, Dar es Salaum, Pwani Building Contractors P.O. Box 25281. Dar es Salaum, International Supplies & Manufacturer Ltd P.O. Box 2698, Dar es Salaam, Jandu Construction & Plumbers P.O. Box 7541. Dar es Salaam, Nyalang Building Contractors D. D. D. P. 10671. Ngulapa Building Contractors P.O. Box 19671, Dar es Salaam, Froncal Pest Furnigation & Timber Supplier P.O. Box 4518, Dar es Salaam, Kwetu Building Maintenance & Repairs P.O. Box 69067, Dar es Salaam, May & Brothers P.O. Box 127, Musoma, Taibuli Enterprises Ltd P.O. Box 652, Mtwara, Rex

& Company Ltd P.O. Box 20367, Dar es Salaam, Heru Constituction Company Ltd. P.O.Box 22736, Darles Salaam, Transglobal Construction Company P.O. Box 20036, Dar es Salaum, Expo Alliance Centre P.O. Box 7576, Dar es Salaam, Irbis Construction Company Ltd. P.O. Box 22027, Dar es Salaam, John Bushange & Partners Building Contractor P.C. Box 1090, Kamachumu Muleba, Farouk Building Contractor. P.O. Box 9371. Dar es Salaam, Imara Furniture & Timber Suppliers P.O. Box 1112, Moshi, Mpepai Contractors P.O. Box 423, Songea, Muhamad Construction Co.P.O. Box 5576, Dar es Salaam, Moonlight Builders P.O. Box 20310, Dar es Sulaum, Kim Bros Ltd. P.O. Box 3571, Dur es Sulaam, Geita Builders Ltd. P.O. Box 1688, Mwanza, Kilombero General Supplies Contractors P.O. Box 21273, Dar es Salaam, Tausi Contractors P.O. Box 91, Shinyanga, Allied Decorators & Building Maintanance Ltd. P.O. Box 102, Arusha, Tees Construction (1980) P.O. Box 1729, Moshi, Dar Express Electrical Contractors P.O. Box 20772, Dar es Salaam, Tropical Express International Co. P.O. Box 574t, Dar es Salaam, Stoliana Salaam, Nkolimwa's Building Contractors P.O. 3ox 299, Mheya, D.K. Partners P.O. Box 1105, Dar es Salaam, Utanga Building Contractors Co-operative Society Ltd.P.O. Box 266. Morogoro, Kisesa Building & Eletric Contractors Co. P.O. Box 2029, Mwanza, Lufulilo Enterprises P.O. Box 144, Shinyanga, Nund Singh & Sons. P.O. Box 335, Arusha, Sukumala id Furniture & Construction Company Ltd P.O. Box 840, Morogoro, Baba Mariam General Construction Co. P.O. Box 2043, Mwanza, Mwanza Electrical Services Co. atd. P.O. Box 206, Mwunza, N.R. Solanki P.O. Box 6472, Dar es Sulaam, Rock Company Ltd. P.O. Box 4276, Dar es Salaam, M.G.K. Construction Co. P.O. Box 1552, Dodoma Esu B.c. Co. P.O. Box 1222 Bukoba, Kouwen Renovation & Production P.O. Box 22730, Dur es Salaum, Bakin Contractors P.O. Box 22730, The Contractors P.O. Box 22730, Construction P.O. Box 22730, Construction P.O. Box 22730, Dur es Salaum, Bakin P.O. Box Consortim P.O. Box 2884 Our es Sulaam, Chamwino B/e P.O. Box 1965, Docoma, Pameon Interconstruction Services P.C. Box 1243, Do toma, Precise Engineer & Builders Ltd. P.C. Box 16293. Dur es Salaam, Western Construction & B/Cr. P.O. Box 3166, Tabora, Reliable woodworks Ltd. P.O. Box 9742, Dar es Salaum, Olympic Construction Company P.O. Box 20583, Dar es Salaam, Swami Nayaran Construction P.O. Box 6992, Dar es Salaam, Idris Mohamed Contractors P.O. Box 354 Arusha. Twigununhe Building Construction, P.O. Box Nassa Mwanza Osterbay Timber Hardware Stationery & Puilding Contractors P.O. Box 28 Morogo: O. Tanzania Bungalow P.O. Box 6014, Dar es Salaam. The following have not paid their unnual subscriptions for the year(s) shown against their names. They are required to do so within thirty days from the date of publication of this notice. If remittances are not received by noon on the thirtieth day the Board will have no alternative but to delete the concerned from the register on grounds of professional misconduct in accordance with Act, 35 of 1972,

Capellen P. Box 21194, DSM, (1979-82). Rodah) Box 21194, DSM. (1976-82) Riva E. Box 21191, D.M. (1976-82). Low A. Box 3(9)7, DSM, (1979-82). Jankison G.M., Box 3097, DSM. Varma K.C. Box 56, Arusha, (1975-82), Farong M. Box 567, DSM, (1976-82). Rhetta, H.S., Box 367, DSM, (1976-82). Kuleva R.S. (Mrs), Box 367, DSM, (1976-82). Genteheva S.N. (Mrs.): Box 367, DSM, (1976-82). Oycharon A.G. Box 567 DSM, (1976-82), Panova J.S. (Mrs), Box 567, DSM, (1976-82), Pickwell L.A.H. Box 3097, DSM, (1976-82), Vassilev A.A., Box 567, DSM, (1976-82), Williams K.J., Box 3097, DSM, (1976-82), Middleton C.D. Box 913, Dodoma, (1979-82), Sylvert Sen, C.J., Box 9121, DSM, (1976-82), Brunn, St. (1970-82), DSM, (1976-82), DSM, (1976-82), Brunn, St. (1976-82), DSM, (1976-82), Brunn, St. Box 9121, DSM, (1979-82). Wugno H.W. Box 1177, DSM, (1981-82). Dumborg, J. Box 9121, DSM, (1979-82). Neiden berger, P. Box 21194, DSM, (1976-82). Naik, P.K., Box 236, DSM.: (1976-82), Tutega J.S. Box 367, DSM. (1979-82). Hussein M.M. Box 33, Dolloma (1979-82). Bolt D. Box 1 Dolloma, (1977-82), Murkeji P.K. Box 21011, DSM. (1981-82) Laf. Box 20671, DSM. (1980-82). Gregerson J.H. Box 2063. DSM, (1981-82). Effer C.C.T. Box 115. Dodonja (1979-82). Tarnif, Wikki, K. Box 3097, DSM, (1979-82). Christiansen, H. Box 21194, DSM, (1980-82), Briscoe, D. Box 3753, DSM, (1979-82), Gregersen, E.D. Box 2009, DSM, (1980-82), Chitale S.L. Box 175/1. Mount road Madras 600-400, India, (1978-82), Baker D.R., Box 695, DSM, (1979-82), Gulati K. K. Box 9084, DSM, (1979-82), Singh S.P. Box 9344, DSM, (1979-82), Chitale S.L. Box 9084, DSM, (1979-82), Singh S.P. Box 9344, DSM, (1979-82), Singh S.P. Box 9344, DSM, (1979-82), Singh S.P. Box 9084, Singh S.P. Box 9084 Gulati K.:C. Box 9384, DSM, (1979-82). Singh S.P. Box 9344, DSM, (1978-82). Santosh D.K. Box 9344, DSM, (1979-82). Scheminger H., Box 3668, DSM, (1979.82). Kumar S.S. Box Aterier BSCO SEC 17E Chandigairch India (1980-82). Singh K. H. Box Aterier BSCO SEC 17E Chandigairch India (1980-82). Kuswaha R.S. Box 567, DSM, (1980-82). Dutta M. Box 567, DSM. Rajani, B.G.U. Box 3539, Abu Dhabi, (UAE). Arabia, (1980-82). Fukushima K. Box 567, DSM.: (1980-82) Ishwabhai P.P. Box 696, Lusaka Zainbia, (1980-82). Scheike W.K.R. Box 3033, Arusha, (1980-82). (1980-82). Scheike W.K.R. Box 3013, Arusha, (1980-82). Wuensche A. Box 3697, DSM. (1979-82). Trewer A. P. Box 605, DSM. (1981-82) Mancuso, Box. VIA, STOPPANI — (0197, Rome Italy, (1980-82). Galafalo, N, Box 40 VIA STORPANI, (0197, Rome Italy, (1981-82). Bennett, R.C. Box 1997, DSM. (131-82). Sabr. F. Box 9344, DSM (1980-82). Lunde, H.U., Box 21194, DSM. (1981-82) Mc. Manus, E.J. 8 38 3097, DSM, (1981-82). Seluni, A., S. Box 3569, DSM, (1981-82). Miraglia, M. Box 3154, DSM (1981-82).

QUANTITY SURVEYORS Czunyi, R.A. Box 1145; Arushu, (1976-82). BU1LDING CONTRACTORS CLASS I

Myita Construction Co. Ltd. Box 80850, Mombasa. (1979-82). Companhia Investmentos Construction Ltd., (CICOL) Box 3556, DSM, (1981-82). Alled Construction (Kitchener Ltd., Box 583, DSM, (1981-82), Cementation Construction Ltd. Box 681, Mitchan Road, CR9 AP England (1979-82), Fair Claugh International Construction Ltd. box 684 Tanga (1981-82). Kundan Singh Construction Ltd. Box 15018 Nairobi (1981-82).

CLASS II Thater Singh Box 62, Dodoma, CLASS III

Express Service Co. Ltd. Box 3510 DSM, (1975-82). Karter Furniture Mart Box 20375, DSM, (1981-82). Singh Patel: Construction Co. Ltd. Box 1371 Mtwarn, (1997-82). Verene Construction (1953) Co. Ltd. 2367, DSM, (1980-82). Tantania Designing Development Ltd, Box 1945, DSM, (176-82). Docoma Building Contractor's Co. Society, Box 723, Dodoma, (1978-82). S.S. Ganzel, Pox 33, Morogoro (1979-82). Lyaminya Construction Co. Box 1027, Moshi, (1981-82). East African Construction CO. Ltd., 2. 2098 DSM, (1981-82). National Engineering Co. Dox 100, DSM, (1981-82). Singh, Construction Co. Ltd., Box 350, Morogoro (1980-82). Milo Construction, Box 1330, Mwanza, (1981-82). F.D. Construction Box 1263, DSM, (1981-82).

Dodoma Builders Box 152, Dodoma (1974-82); C.K. Muntu & Paris, Box 653, Bukobe (1980-82); H.C. Puri and Co. Box 74; Kigoma (1977-82). Kaza Building Contractors Box 323, Morogoro (1081-82). D.D. Visiolia and Sons, Box 32, Kigoma (1976-82). Coastal Enterprises Box 20092, DSM, (1976-82). MC Farian Builders Box 876, DSM, (1979-82). Pamedoa Engineering, Box 141 Arusha, (1931-82), Makeli Contractors, Box 20327, DSM, (1981-82). Mara Builders Industrial Co-operative Society, Box 169 Musoma, (1977-82). J.M. Kika and Co. Box 863, Tanga (1981-82). Vadgama Construction Ltd. Box 395, Tanga, (1979-82). Roma Consurction Co. Box 609, Moshi (1981-82). Kibe Building Contractors Box 41, Korogwe, (1978-82). Mikocheni Construction Co. Box 35186, DSM, (1979-82). Umeme Contractors, Box 2351, DSM, (1981-82). New Era Box 20893, DSM, (1981-82). Lyatuu Construction, Box 310, Shinyanga, (1981-82). Vachingwea Trading Co. Ltd. Box 40, Nachingweas, (1981-82). D.S. Construction Co. Box 1872, Moshi B (1981-82). D.S. Construction Co. Box 1872, Moshi B (1981-82). Mvula and Parterners Box 234, Songea, (1981-82). Produm Ltd, Box 4063, DSM, (1981-82). Ng angwa Construction, Box 5698, Dar es Salaam, (1981-82), Modern Builders & Construction, DSM, (1979-82). Paulo Katoto Building Contr. Box 1962, Mwanza, (1979-82). Baxamoyo Construction Co. Box 95 Bagamoyo, (1981-82). Mugisha Building Contractors, Co. Ltd. Box 15102, DSM, (1981-82)

TO BE CONTINUED TUMORRUW



THE NATIONAL BOARD OF ARCHITECTS, QUANTITY SURVEYORS AND BUILDING CONTRACTORS (T)

CONTINUED FROM YESTERDAY CLASS V

Quick Service Construction, Box 227, DSM (1979-82). Design Decorators Co. Ltd., Box 390, Bukoba (1979-02). Kweupe Building Contractors: Box 241, Shinyanga, (1981-82). General African Building Contractors Box 21453, DSM, (1979-82). Sohal Construction CO. Box 101, 19 Iringa, (1974-82). Mboxi Wakulima Transport & Bu'lding Contractors, Box 793, Mbeya (1981-82). Mwanza African Builders Association, E. v. 763, Dodama, (1981-82). William & Brothers Box 513, Bukoba (1979-82). S. M. Mechant Plumber, Box 20889, DSM, (1979-82). Juma Salum Plumber Box 2795, DSM, (1979-82). Victorial Building Contractors, Box 4649, DSM, (1979-82). Victorial Building Contractors, Box 4649, DSM, (1979-82). Kalugulu Construction Co., Box 921, DSM, (1981-82). N. Enterpriser Ltd., Box 20373, DSA, (1981-82). C. B. Haule Partnership, Box 910, Songea; (197-82). Ulanga Saw Mills Ltd., Box 948, DSM, (1981-82). Technique Builders Ltd., Box 9381, DSM, (1979-82). Property Dev. & Management Services, Box 3202, DSM, (1981-82). Engineering Project, Box 324, DSM, (1980-82). General Construction Co. Box 20198, DSM, (1981-82). Star Building Co., Box 2233, DSM, (1980-82). Concrete Structures Building Contractors (1978) Edd., Box 7, 282, DSM, (1981-82). Tanzania African Building Co. Box 20144, DSM, (1981-82). Obeja Trading Co., Box 372, Mwanza, (1981-82). Virdee Builders, Box 1871, DSM, (1981-82). Kab-1 a Building Contractors Co. Box 3562, PSM, (1981-82). F. B. Construction, Box 1871, DSM, (1981-82). Kab-1 a Building Contractors, Box 281, Musoma, (1981-82). Nangesho Company, Box 5552, DSM, (1981-82). Super Building Contractors, Box 281, Musoma, (1981-82). Super Building Contractors, Box 387, Singida, (1981-82). Super Building Contractors, Box 387, Singida, (1981-82). Super Building Contractors, Box 351, PSM, (1981-82). Nangesho Company, Box 5552, DSM, (1981-82). Nangesho Contractors, Box 25241, DSM, (1981-82). Ngingana Building Contractors, Box 25241, DSM, (1981-82). Ngingana Building Contractors Box 50083, DSM, (1981-82).

CLASS VI

Mwanza Construction Co., Ltd., Box 1320, Mwanza, (1975-82). Mwambao Construction Co-operation, Box 20746, DSM, (1980-82). Economical Construction & Decorators, Box 94, DSM, (1981-82). Engineering Services & Construction Co., Box 23112, DSM (1981-82). City Services Ltd., Box 3600, DSM (1978-82). Sinde Building Contractors, Box 45702, DSM (1980-82). Vemilia Building Contractors, Box 372, Morogoro, (1980-82). Vemilia Building Contractors, Box 372, Morogoro, (1980-82). Chapakazi Building Contractors, Box 1213, Dodoma (1980-82). Modern Designing & Building Contractors, Box 2125, DSM (1981-82). Demeco., Box 4702, DSM (1979-82). Bastena Services Agencies, Box 20690, DSM (1981-82). Tanzania Progressive Services, Box 15285, DSM (1980-82). Tanzania Progressive Services, Box 15285, DSM (1980-82). Tanzania Progressive Services, Box 15285, DSM (1980-82). Tanzania Contractors, Box 30172, Kibaha (1980-82). Sove Building Contractors, Box 30172, Kibaha (1980-82). Tanzania Commercial & General Service Box 21476, DSM, (1981-82). Milliand Gehaz Building Contractors & repair male Commercial Consultations, Box 20992, DSM (1980-82). Mbozi Mkulima Building Contractors, Box 471, Mbozi (1981-82). Alexander Rwamugila Building Contractors, Box Nshamba Lukoba, (1981-82). A. R. Jaffer, Box 15, Kahama (1981-82). Tanzania Engineering & General Works, Box 20868, DS.: (1979-82).

CLAS VII

Tutche Unyonge Building Contractors & Furniture Makers, Box 3662, DSM (1976-82). Shinyanga Contractors, Box 244, Shinyanga, (1976-82). Kimbite General Building & Maintentance, Box 21208 DSM (1977-82). Rukwa Building Contractors, Box 5507 DSM, (1979-82). Muungano Decoritors & Fitter Co-operation Society, Eox 15359, DSM (1979-82). Shepa Building Contractors, Box 544, Tabora (1981-82). One Nation Decorators, Box 1561, DSM (1981-82). Mkiki nkiki Building Contractors, Box 91, Kigoma (1980-82). National Decorators, Box 2837, DSM (1979-82). Chifuka Engineering & Construction, Box 55110, DSM (1980-82). National Decorators & Building Contractors or, Box 2055, DSM, (1981-82). Wajenzi Bukoba, Box 99, Musoma (1981-82). Kimamba Decorators & Building Contractors, Box 2055, DSM, (1981-82). Wajenzi Bukoba, Box 99, Musoma (1981-82). Anil K. Mawji, Box 400, Musoma (1981-82). Construction & Engineeting Services Corp. Society, Box 1197, DSM (1981-82). Starts Building Contractors Partnership, Box 253, Songea (1980-82). Byarugaba Building Contractors, Box 15926, DSM (1981-82). Mayembe Building Contractors, Box 15926, DSM (1981-82). Mayembe Building Contractors, Box 4186, DSM (1981-82). Maheri Engineering C: nsultancy Services, Box 662, DSM (1980-82). Bara Building Contractors, Box 4186, DSM (1981-82). Ntamuhungtro Building Contractors, Box 21147, DSM (1981-82). Tanzania General Industrial & Export Trading Ltd., Box 5452, DSM (1981-82). C. Nt. Construction Co., Box 1331, Moshi, (1981-82). Kinondoni Quick Services, Box 4767, DSM (1981-82).

97 -

LABOR COST

UNIT: T.Shs

ITEM	A MONTHLY RATE	B DAILY RATE	C HOURLY RATE	REMARKS
Engineer	8,000	307.69	43.96	1
Supervisor	7,000	269.23	38.46	
Technician	6,000	230.77	32.97	
Office Clerk	2,000	76.92	10.99	
Typiest	1,000	38.46	5.49	
Foreman	5,000	192.31	27.47	
Mechanic	3,000	115.38	16.48	
Carpenter	1,500	57.70	8.24	
Steel bender	1,500	57.70	8.24	
Welder	2,500	96.15	13.74	
Electrician	3,000	115.38	16.48	
Operator	3,000	115.38	16.48	• .
Brick Layer	1,500	57.70	8.24	
Painter	1,500	57.70	8.24	
Driver	1,500	57.70	8.24	
Unskilled Labor	600	23.08	3.30	
Store Keeper	3,000	115.38	16.48	· .
				4.6

Note: Source TANZANIA

$$(B = A \times \frac{1}{26}, C = A \times \frac{1}{26} \times \frac{1}{7})$$

TRANSPORTATION COST

PLACE

DAR ES SALAAM --- MBOZI

INLAND FREIGHT

1. Railway - Container: Shs. 563/= per ton to site (TAZARA RAILWAY CO.)

Normal Cargo: Shs. 472/= per ton to site

- 2. Lorry Shs. 3,000/= per ton to site
- 3. Truck Shs. 3,000/= per ton to site
- 4. Trailer Shs. 3,000/= per ton to site
- 5. Transportation Limitation:
 - Road Weight 50 tons
 Width 12 ft. maximum (3.65 m)
 Overhead clearance 18 ft. (5.48 m)
 - Tunnel 5 meter overhead (maximum) 3.2 meters width
- 6. Cargo handling capacity govel:

Availability of containers - can be hired

Unloading charges - Shs. 1,000/= per container
Unloading charges - Shs. 1,000/= per container
Damage charges - Shs. 500/= per container

Lashing charges - Shs. 500/= per container

7. Strage charges

24 T.S per day per 1 cubic meter

TANZANIA RAILWAY	10 Tons Per ton shs:	25 Tons Per ton shs:	30 Tons Per ton shs:
DSM to MOSHI MTANZA KIGOMA DODOMA TANGA	274.00 462.00 470.00 250.00 192.00 202.00	236.00 405.00 409.00 216.00 177.00 184.00	213.00 381.00 385.00 193.00 159.00 166.00
Terminal Charge Charge			60/wagon 90/24 hours

Truck

1,000/ton

June 28, 1983 NMC DSM

Specification Examples for storagehouses Planning

Descriptions	Example 1	Example 2	
Length (m)	72	50	
Width (m)	27	30	
Ground Space (m ²)	1,944	1,500	
Used Ground Space (m^2)	$68 \times 23 = 1,564$	46 x 26 = 1,196	
Percentage of used Ground Space (%)	80	80	
Nos. of bags in one year	2,815	2,153	
Nos. of layer	20	16	
Total Capacity	56,300 bags or 5,067 ton	34,448 bags or 3,100 ton	
	2.6 t/m^2	2.0 t/m^2	

Ref.: 90 kg maize bag measures

1.0 m \times 0.56 m \times 0.23 m = 0.1288 m³/bag

1.0 m \times 0.56 m \times 0.56 m²/bag (1.8 bag/m²)

