

Appendix 1A

WORK PLAN/ TIME-LINE FOR THE PROJECT IMPLEMENTATION.

| ID | Task Name | Start | Finish |
|-----|---|-----------|-----------|
| 1. | COMMUNITY INVOLVEMENT | 11/23/03 | 08/30/06 |
| 2. | Feedback to respondents & Community sensitization | 11/23/03 | 11/23/03 |
| 3. | Hold monthly stake holders' monthly meeting | 01/4/04 | 04/04/05 |
| 4. | Election of construction committee | 2/4/04 | 2/4/04 |
| 5. | Find a plot where the expansion/construction of the centre will be done | 2/5/04 | 4/5/04 |
| 6. | Preparation of drawings and BOQ & cost estimates | 4/30/04 | 5/20/04 |
| 7. | FWF and Community assess their resource capacity and establish a gap if any | 5/25/04 | 5/25/04 |
| 8. | Resource mobilization | 5/28/04 | 06/30/05 |
| 9. | Collection of contributions and organize fund raising functions. | | |
| 10. | Preparation project proposal | | |
| 11. | Distribution of copies of project proposal to various stake holders | | |
| 12. | Presentation of progress report to stake holders. | Quarterly | Quarterly |
| 13. | Floating of tender and bidding | 07/11/05 | 08/19/05 |
| 14. | Award of tender to a competent bidder | 08/30/05 | 08/30/05 |
| 15. | Sign contract between the selected contractor and the construction committee | 09/10/05 | 09/10/05 |
| 16. | Actual construction of the centre | 09/27/05 | 03/27/06 |
| 17. | Site clearance | 09/27/05 | 10/5/05 |
| 18. | Foundation works | 10/05/05 | 10/27/05 |
| 19. | Walling | 11/01/05 | 12/01/05 |
| 20. | Roofing | 12/10/05 | 12/30/05 |
| 21. | Finishing & equipping the centre with necessary furniture & playing materials | 01/03/06 | 06/30/06 |
| 22. | Presentation of progress report to stakeholders | 07/10/05 | 07/10/05 |
| 23. | Evaluation | 08/22/06 | 08/30/06 |

FAIR WORLD FOUNDATION WORK PLAN

| ID | Task Name | Duration | Start | Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|---------------------------------------|----------|-------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| | | | | | 4003 | 1004 | 2004 | 3004 | 4004 | 1005 | 2005 | 3005 | 4005 | 1006 | 2006 | 3006 | 4006 | 1007 | 2007 | 3007 | 4007 | 1008 | 2008 | 3008 | 4008 | 1009 | 2009 | 3009 | 4009 | 1010 | 2010 | 3010 | 4010 | | | | |
| 1 | COMMUNITY INVOLVEMENT | 326 days | Mon 1/5/04 | Mon 4/4/05 | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug |
| 2 | Feed back to respondents | 1 day | Tue 1/4/05 | Tue 1/4/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Monthly stakeholders meeting | 326 days | Mon 1/5/04 | Mon 4/4/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Election of Construction Committee | 1 day | Tue 1/4/05 | Tue 1/4/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Find a plot for construction | 43 days | Thu 2/5/04 | Mon 4/5/04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Preparation of drawings and BOOs | 15 days | Fri 4/30/04 | Thu 5/20/04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | CBO and Community resource assessment | 1 day | Tue 5/25/04 | Tue 5/25/04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Resource mobilization | 295 days | Fri 5/14/04 | Thu 6/30/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Preparation of progress report | 0 days | Fri 4/15/05 | Fri 4/15/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Floating of tender and bidding | 30 days | Mon 7/11/05 | Fri 8/19/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Award of tender | 1 day | Tue 8/30/05 | Tue 8/30/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Signing of contract | 1 day | Tue 1/4/06 | Tue 1/4/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Actual construction | 130 days | Tue 9/27/05 | Mon 3/27/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Evaluation | 7 days | Tue 8/22/06 | Wed 8/30/06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Project WORK PLAN FOR FWF
Date: Sun 8/26/05

Task
Split

Progress
Milestone

Summary
Project Summary

External Tasks
External Milestone

Deadline

Appendix 2

OUTCOME MEASUREMENT FRAMEWORK.

| Programme | Outcome | Indicators | Data source | Data collection method |
|-----------------------------|---|---|--|--|
| 1 | 2 | 3 | 4 | 5 |
| Nursery school construction | Increased number of children enrolled and attending school at Fair Montessori Pre-primary school. | Number of children from the community enrolled at the nursery school. | <ul style="list-style-type: none"> - Register book - Schools records | <ul style="list-style-type: none"> - Registration book - Class attendance - Self administered questionnaire - Interview. |

FINANCIAL ANALYSIS

A. Source and use of funds

Funds Available

| | |
|----------------|-------------------|
| • Owners Funds | 7,630,000 |
| • Loan/Donor | 83,985,330 |
| Total | 91,615,330 |

Use of Funds

| | |
|------------------------|-------------------|
| Building | 79,535,330 |
| Equipment | 7,240,000 |
| Furniture and Fittings | 1,200,000 |
| Total | 87,975,330 |

B. Profoma Cash – Flows Analysis

Revenues

| | |
|--|-------------------|
| (i) Paid in Fees | 7,680,000 |
| (ii) Porridge Collections | 1,920,000 |
| (iii) CBO/Parents Contribution on Construction | 4,000,000 |
| Total Revenue | 13,600,000 |

Disbursements

| | |
|-----------------------------------|-------------------|
| (i) Wages and Salaries | |
| • 6 teachers x 60,000 x 12 | 4,320,000 |
| • Centre Manager 120,000 x 12 | 1,440,000 |
| (ii) Electricity | 400,000 |
| (iii) Water 10,000 x 12 | 120,000 |
| (iv) Stationery | 250,000 |
| (v) Honoraries | 500,000 |
| (vi) Teaching/Play Materials | 500,000 |
| (vii) Maintenance | 300,000 |
| (viii) Depreciations | 50,000 |
| (ix) Furniture and Fittings | 400,000 |
| (x) Postage an Stamps | 200,000 |
| (xi) Communication | 300,000 |
| (xii) Land Development and Others | 4,000,000 |
| Total disbursement | 12,780,000 |

Budget Summary

| | |
|-------------------|----------------|
| (1) Revenues | 9,600,000 |
| (2) Disbursements | 8,780,000 |
| profit | 820,000 |

Appendix 4

PROFIT AND LOSS FORECAST

| Revenue | Year 1 | | Year 2 | |
|---|-------------------|------------|-------------------|----------------|
| | Amount | % Revenue | Amount | % Over Revenue |
| Paid in Fees | 7,680,000 | 56.5 | 9,600,000 | 71.0 |
| Porridge Collections | 1,920,000 | 14.1 | 1,920,000 | 14.2 |
| CBO/Parents' contribution on construction | 4,000,000 | 29.4 | 2,000,000 | 14.8 |
| Total Revenue | 13,600,000 | 100 | 13,520,000 | 100 |
| Expenses | | | | |
| Wages and Salaries | 5,760,000 | 45.1 | 6,000,000 | 50.1 |
| Utilities | | | | |
| • Water | 120,000 | 0.9 | 120,000 | 1.0 |
| • Electricity | 400,000 | 3.1 | 400,000 | 3.3 |
| • Stationery | 250,000 | 2.0 | 400,000 | 3.3 |
| • Honoraries | 500,000 | 3.9 | 1,000,000 | 8.4 |
| • Teaching/Playing Materials | 500,000 | 3.9 | 500,000 | 4.2 |
| • Maintenance | 300,000 | 2.3 | 300,000 | 2.5 |
| • Depreciations | 50,000 | 0.5 | 50,000 | 0.4 |
| • Furniture and Fittings | 400,000 | 3.1 | 400,000 | 3.3 |
| • Postage and Stamps | 200,000 | 1.6 | 300,000 | 2.5 |
| • Communication Phone/Internet Connectivity | 300,000 | 2.3 | 500,000 | 4.2 |
| • Lard Development / Environmental Conservation | 4,000,000 | 31.3 | 2,000,000 | 16.8 |
| Total Expenses | 12,780,000 | 100 | 11,970,000 | 100 |

Net Income Before Tax
Income Tax
Net Income

820,000
9,840 (1.2%)
810,160

**PROFOMA BALANCE SHEET OF FAIR MONTESSORI DAY CARE CENTRE AS AT
31ST DECEMBER 2007**

| Assets | | LIABILITIES | | |
|------------------------|------------|----------------------------|-----------|-------------------|
| Fixed Assets | | Long term Liabilities | | |
| Buildings | 79,535,330 | Capital | 7,630,000 | |
| Equipments | 7,240,000 | Add: Net Profit | 810,160 | 8,440,160 |
| Furniture and Fittings | 1,200,000 | | | |
| | 87,975,330 | Bank Overdraft | | 4,540,000 |
| | | | | 12,980,160 |
| Current Assets | | Current Liabilities | | |
| Cash | 100,000 | Creditors (donors) | | 75,535,330 |
| Bank | 710,160 | (Long term debt) | | |
| | | Rent (accruals) | | 270,000 |
| | 810,160 | Total liabilities | | 75,805,330 |
| | 88,785,490 | | | 88,785,490 |

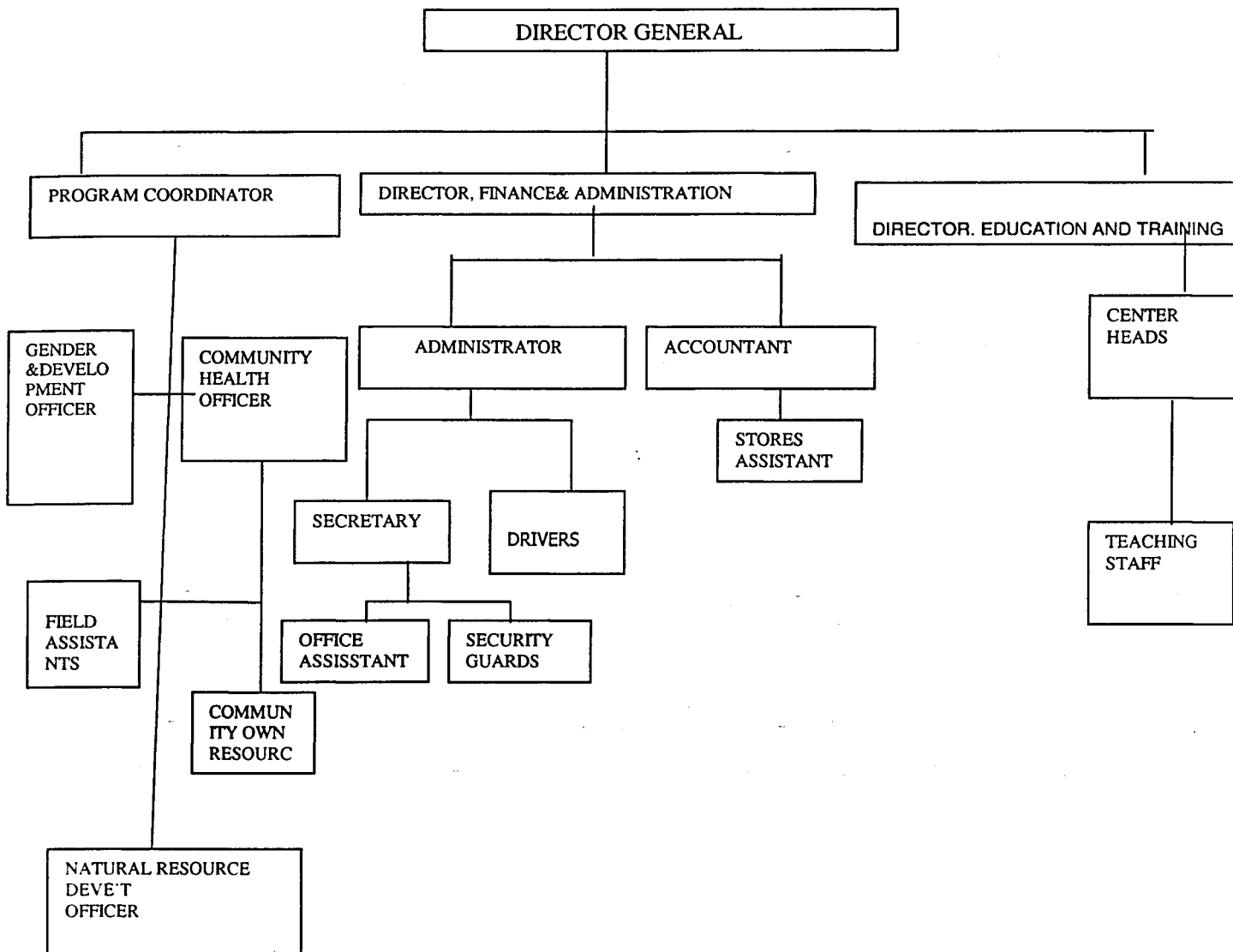
Appendix 6

Logical Frame Work

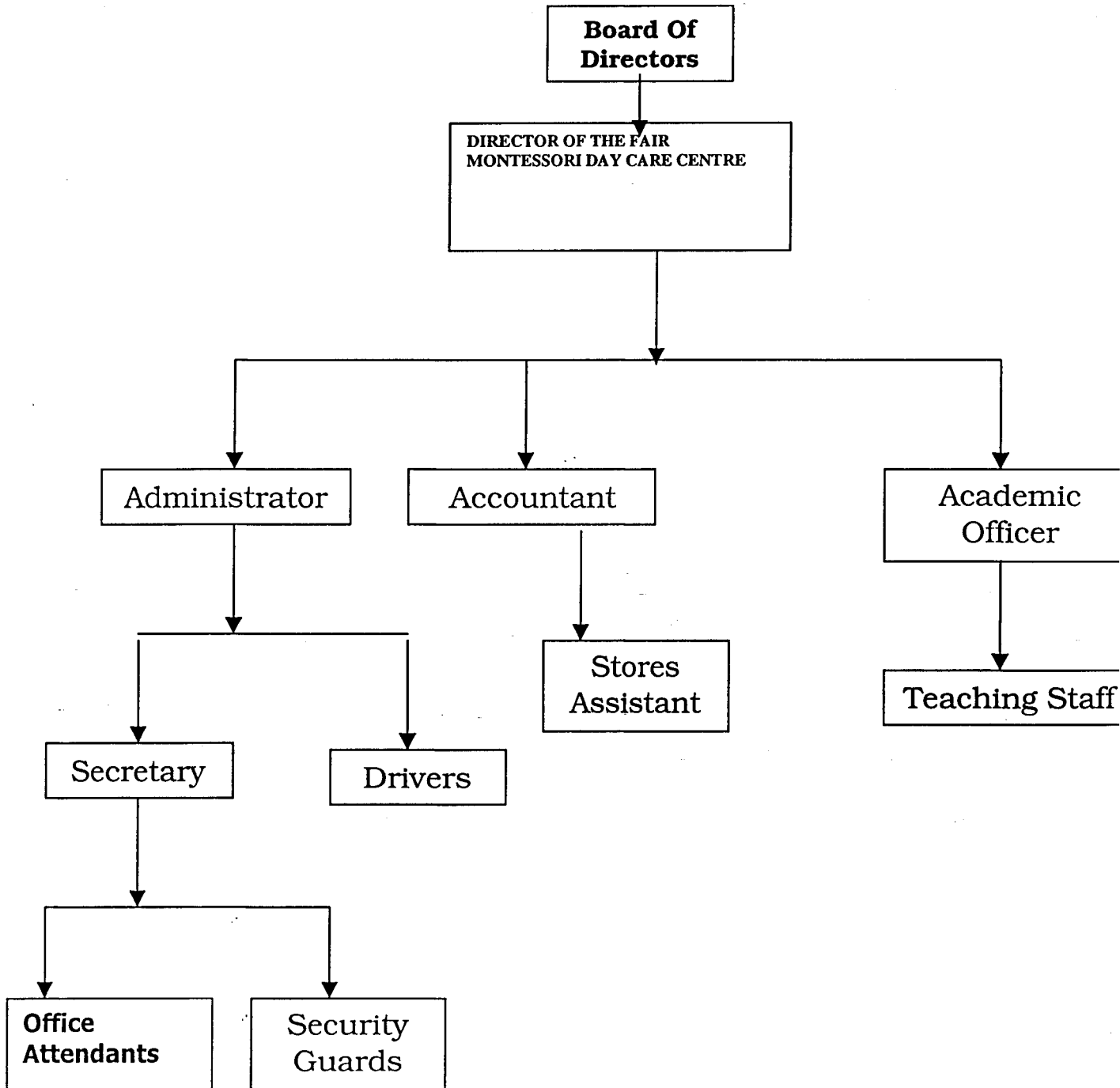
| | Intervention Logic | Objectively Verifiable Indicators | Source of verification | Assumption |
|------------|--|---|------------------------------|---|
| | Overall objective To improve social services by building A Day Care Centre. | | | |
| | OUTPUT | | | |
| 1. | Needs assessment conducted | Community, CED student (time) | Building designed | |
| 2. | Designs for buildings prepared and cost estimated | DE, CBO, construction Committee (time) | Building designed | |
| 3. | Proposal prepared | CED student, CBO (time) | Proposal | Good proposal be prepared |
| 4. | Funds Raised | Comm. CBO and other stakeholders | Reports | Willingness of Comm. and donors to contribute |
| 5. | Day care centre constructed | Contractor, building committee community (time) | Day Care Centre Building | Funds are available |
| 6 | Equipment and furniture installed | CBO Project Committee (time) | Equipment furniture in place | Funds are available |
| 7 | Project Prepared | CBO Project Committee (time) | Reports | Funds are available |
| 8 | Project monitored and evaluated | CBO Project committee (time) | Reports | Full participation and optimal cooperation |
| ACTIVITIES | | | | |
| 1 | Meeting Community to know their feelings | CED Student, CBO, Community members (time) | Minutes, reports | Willingness of Community to give their views. |
| 2 | Assessment of resources | FWF, community (time) | Minutes, reports | Willingness of community to contribute |
| 3 | Preparation of building design and drawings | DE, project committee | Drawings | Interest of all stakeholders to accept. |
| 4 | Prepare write up for fund seeking | CED Student, CBO (time) | Project write up | Availability of necessary data |
| 5 | Distribute write-ups to | Project Committee CBO | Project write | Acceptance and |

| | | | | |
|----|--|--|---|---|
| | various stakeholders (seeking funds) | (Time) | up, dispatch book | willingness of stakeholders to give funds |
| 6 | Floating of tender | DE, Project Committee CBO (time) | Dispatch book signed for received tender | Competent contractors will compete |
| 7 | Contract preparation and signing | CBO, Project Committee (time) | Signed Contract | Availability of most competent contractor |
| 8 | Actual construction | Contractor, CBO and Project Committee (time) | Certificate of Completion | Building built in required standards |
| 9 | Purchase of equipments and furniture | CBO, Project Committee (time) | Receipts / Tax Invoices | Availability of funds. |
| 10 | Recruit teachers and non teaching staff | CBO, community representatives (time) | Teachers and non teaching staff in place | Competent teachers and staff recruitment |
| 11 | Monitor and evaluate progress | External evaluators CBO, Project Committee (time) | Report | Required efficiency by the committee, CBO and Good Cooperation. |

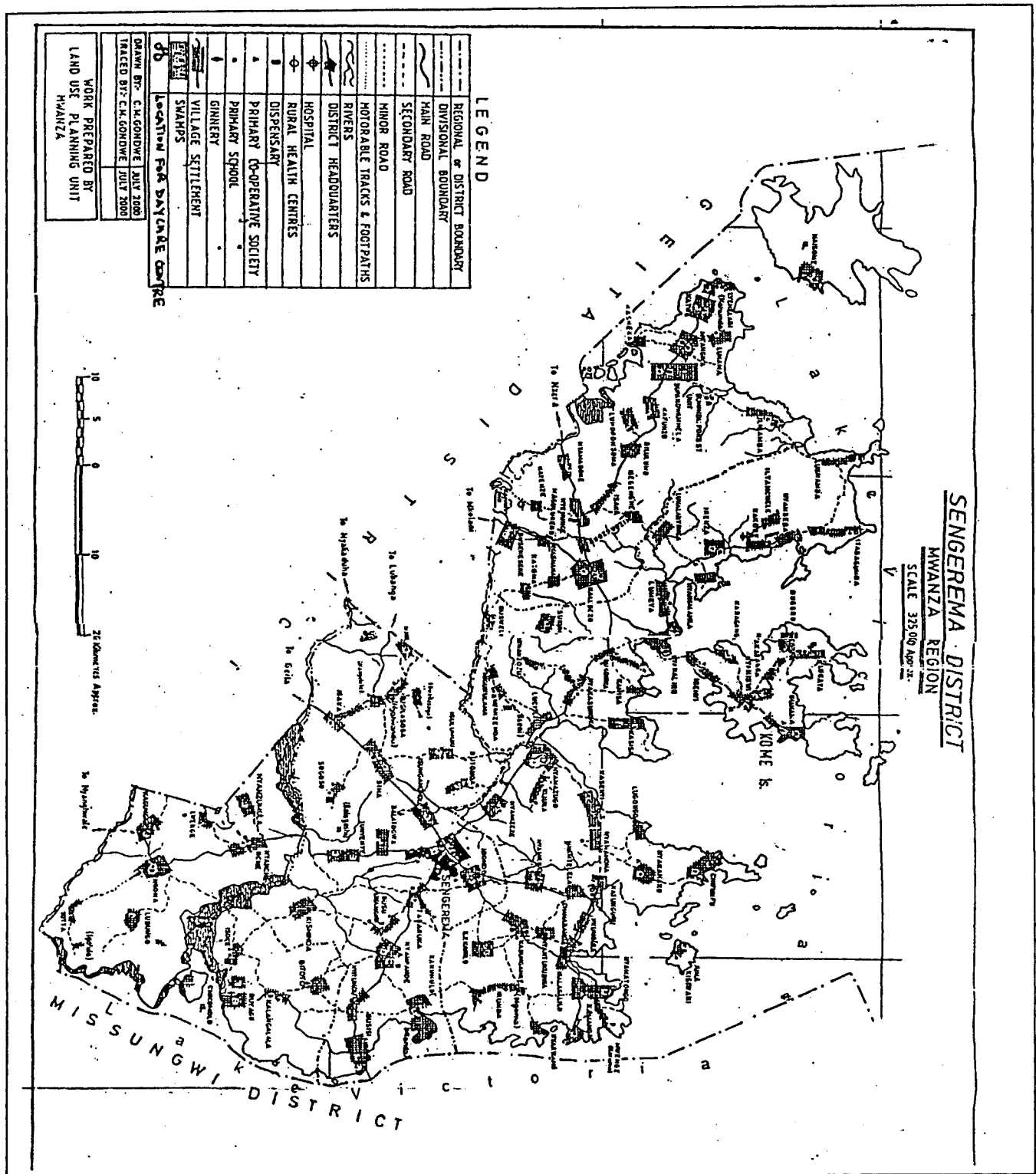
ORGANIZATIONAL CHART FOR FAIR WORD FOUNDATION (FWF)



ORGANIZATION STRUCTURE FOR THE FAIR MONTESSORI DAY CARE CENTRE



-A MAP OF SENERGEMA DISTRICT SHOWING A PROJECT'S LOCATION



Appendix 10

BILLS OF QUANTITIES (BoQs) AND COST ESTIMATES

CONSTRUCTION OF CLASS ROOMS AND TOILET.

Appendix 10

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS. | AMOUNT TSHS. |
|------|---|-----------------|-----|---------------|-----------------|
| A | ELEMENT NO. 1: SUBSTRUCTURE EXCAVATIONS AND EARTHWORKS (ALL PROVISIONAL) Excavate over site (top soil) average 150mm deep to remove vegetable soil, convey overage 100 linear metres and deposited in spoil heaps | M ² | 478 | 400 | 191,200 |
| B | Excavate foundation trench commencing at stripped level and not exceeding 1.50 metreseep | M ³ | 176 | 1,000 | 176,000 |
| C | Excavate pit for column bases commencing of formation level not exceeding 1.50 metres deep | M ³ | 54 | 1,000 | 54,000 |
| D | Extra over any kind of excavation for breaking up rock and the like. | M ³ | 6 | 3,000 | 18,000 |
| E | Earth backfilling well rammed and consolidate around foundations. | M ³ | 49 | 700 | 34,300 |
| F | Load up surplus excavate materials and remove away from site | M ³ | - | - | - |
| G | Imported soil filling overage 200mm thick including excavating in borrow pits, hauling and tipping, well ram and consolidate to make up levels under floors. | M ³ | 78 | 1,000 | 78,000 |
| H | Disposal of water Allow for keeping excavation free from water (except spring or running water) by pumping, baling, or by any other means necessary. | ITEM | - | - | - |
| I | Allow for provision and subsequent removal of planking and strutting to uphold and main fain all faces of excavation. | ITEM | - | - | - |
| J | Hardcore 150mm thick hardcore bed leveled and blinded to receive polythene membrane (measured separately). | SM ² | 255 | 3,400 | 867,000 |

| | |
|----------------------------|------------------|
| TOTAL TO COLLECTION | 1,418,500 |
|----------------------------|------------------|

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS. | AMOUNT TSHS |
|----------------------------|---|----------------|-----|---------------|------------------|
| A | Soil sterilization 'Adrin' 0.50% solution applied at a rate of 7 litres per sq. M to hardcore bed. | M ² | 325 | 600 | 195,000 |
| B | Ditto at a rate 8 litres per linear metre per 300mm with and depth to one side of backfilling on the external side of foundation. | LM | - | - | - |
| C | CONCRETE WORK. Plain concrete grade '10' 50mm Blinding | M ² | 14 | 30,000 | 420,000 |
| D | Plain insitu concrete grade '15' 100mm Bed | M ² | 32 | 40,000 | 1,280,000 |
| E | Steps | M ³ | | | |
| F | Reinforced insitu concrete grade '20' including vibrating around reinforcement Foundation | M ³ | 15 | 40,000 | 600,000 |
| G | Column Bases | M ³ | 4 | 40,000 | 160,000 |
| H | Column | M ³ | 3 | 40,000 | 120,000 |
| J | Reinforcements. Mild steel bar reinforcement to BS 4449:1969 20mm Bar | KG | - | - | - |
| K | 16mm Bar | KG | 220 | 1,300 | 286,000 |
| L | 12mm Bar | KG | 135 | 1,300 | 175,500 |
| M | 10mm Bar | KG | 100 | 1,300 | 130,000 |
| N | 8mm Bar | KG | 67 | 1,300 | 87,100 |
| P | Sawn formwork to Vertical sides of foundation strip | M ² | - | - | - |
| Q | Vertical sides of column bases | SM | - | - | - |
| R | Vertical sides of column | SM | - | - | - |
| S | Vertical sides of ground beam | SM | - | - | - |
| T | Vertical edges of bed over 75mm but not exceeding 150mm high | LM | 165 | 2,000 | 330,000 |
| TOTAL TO COLLECTION | | | | | 3,783,600 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|--------------|------------------|
| A | WALLING Solid concrete Blocks to B.S 2028 type 'A' bedded and jointed in cement mortar (1:3) 230mm Thick wall | SM | 320 | 4,000 | 1,280,000 |
| B | Damp proofing course. Hessian bases bitumen damp proofing course to B.S 743 type 'A' 230mm wide laid horizontally on block work | LM | 120 | 600 | 72,000 |
| C | Damp proofing membrane. 500 Gauge polythene damp proofing membrane laid over blinded hardcore (measures separately) | SM | 255 | 1,970 | 502,350 |
| D | 12mm cement sand (1:4) external rendering to concrete or block work | SM | 160 | 1,600 | 256,000 |
| E | Prepare and apply two coasts of black bituminous paint on rendered surfaces externally | SM | 160 | 1,200 | 192,000 |
| F | Expansion joint Compressible joint filler materials, styropore to British standard requirements 20mm Thick, in concrete | SM | - | - | - |
| | SUB TOTAL | | | | 2,302,350 |
| | TOTAL ELEMENT NO. 1 TO SUMMARY | | | | 7,504,450 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMO UNT TSHS |
|------|--|------|-----|--------------|--------------------|
| | ELEMENT NO. 2: SUPERRSTRUCTURE | | | | |
| A | Solid concrete blocks to B.S 2028 type 'A' bedded and jointed in cement and sand mortar (1:4) 230mm Thick walls | SM | - | - | - |
| B | 150 mm Thick brick `walls | SM | 656 | 4,000 | 2,624,000 |
| C | 100 mm Thick walls | SM | - | - | - |
| | CONCRETE WORKS. | | | | |
| D | Reinforced insitu concrete grade '20' including vibrating around bars In columns | CM | 12 | 50,000 | 600,00 |

| | | | | | |
|---------------------------------------|---|----|-----|--------|------------------|
| | | | | | 0 |
| E | In ring beams | CM | 14 | 50,000 | 700,000 |
| F | Reinforcement. Mid steel round bar reinforcement to BS 4449: 1969 16mm Bar | KG | 160 | 1,300 | 208,000 |
| G | 12mm Bar | KG | 120 | 1,300 | 156,000 |
| H | 10mm Bar | KG | 132 | 1,300 | 171,600 |
| J | 6mm Bar | KG | 98 | 1,300 | 127,400 |
| K | Precast concrete to window cill reinforced with welded mesh and including formworks to fair face size 330 x 100mm thick | M | - | - | - |
| L | 100mm Diameter Black/Galvanized pipes 3M height each with U – plate on top steel columns | M | 36 | 13,000 | 468,000 |
| TOTAL ELEMENT NO. 2 TO SUMMARY | | | | | 5,055,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|-----------|-------------|
| | ELEMENT NO. 3 ROOFING Timber Trusses Treated softwood pressure impregnated With preservatives. | | | | |
| A | 50 x 150mm Rafters | M | 405 | 1,000 | 405,000 |
| B | 50 x 150mm Tie beams | M | 155 | 1,000 | 155,000 |
| C | 50 x 100mm struts | M | 120 | 800 | 96,000 |
| D | 50 x 75mm Purlins | M | 413 | 700 | 289,100 |
| E | 25 x 250mm Barge board | M | - | - | - |
| F | 25 x 250mm Fascia board | M | 102 | 1,000 | 102,000 |
| | ROOF COVERING. Galvanize corrugated iron sheets as manufactured by ALUCO overlapping 150mm end laps, sloping not exceeding 45 degree from horizontal:- | | | | |
| G | 28 Gauge roofing sheets | SM | 816 | 4,000 | 3,264,000 |

| | | | | | |
|--------------------------------------|--|----|----|--------|------------------|
| H | 28 Gauge ridge coping: 450mm Girth | M | 50 | 4,000 | 200,000 |
| J | Allow for supply and fixing of Glass fiber Reinforced plastic (GFRP) Translucent roofing sheets matching sizes of other roofing sheets | NO | 16 | 20,000 | 320,000 |
| TOTAL ELEMENT NO.3 TO SUMMARY | | | | | 4,831,100 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---|---|----------------|-----|-----------|------------------|
| | ELEMENT NO.4 WINDOWS. Prime Quality Hardwood – Mninga. | | | | |
| A | 15 x 70mm Ground | M | 97 | 2,700 | 261,900 |
| B | 50 x 150mm Frames Plugged | M | 176 | 2,700 | 475,200 |
| C | 50 x 150mm Mullion | M | 74 | 2,700 | 199,800 |
| D | 50 x 150mm Transoms | M | 40 | 2,700 | 108,000 |
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 16mm Diameter mild steel burglar Proofing bars to Windows including cutting length and fixing ends in timber hardwood | M | 320 | 1,000 | 320,000 |
| K | Supply and fix 2"x2" Mninga for glass panels | M | 125 | 1,500 | 187,500 |
| L | 5mm clear glass fixed to 2"x2" mninga frame | M ² | 220 | 4,000 | 880,000 |
| M | Supply and fix mosquito wire, Expanded metal in a single frame glass panels | M ² | 220 | 1,000 | 220,000 |
| TOTAL FOR ELEMENT NO. 4 CARRIED TO SUMMARY | | | | | 2,652,400 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|-----------|-------------|
| | ELEMENT NO. 5 DOORS. Prime Quality Hardwood selected Mninga | | | | |
| A | 15 x 70mm Ground | M | 66 | 2,700 | 178,200 |
| B | 50 x 150mm Frames Plugged | M | 127 | 2,700 | 342,900 |
| C | 50 x 150mm Mullion | M | 76 | 2,700 | 205,200 |
| D | 50 x 150mm Transomes | M | 64 | 2,700 | 172,800 |
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 20 x 40mm Door stopper | M | - | - | - |
| G | 50mm Thick Panel door, comprising of 50 x 200mm Bottom rails, 50 x 200mm middle and top rails 25mm thick infill panels to overall size 900 x 2100 high | | | | |

| | | | | | |
|------------------|--|----|-----|--------|------------------|
| | | NO | 8 | 60,000 | 480,000 |
| H | Ditto overall size | NO | - | - | - |
| K | SUNDRIES. 16mm dia. Burglar proof bars including making holes as necessary | M | 164 | 600 | 98,400 |
| SUB TOTAL | | | | | 1,477,500 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|---|-----------|-----|--------------|------------------|
| A | Iron monger. Supply and fix the following iron monger UNION – EX U.K. to hardwood with matching screws. 3 – Lever “UNION” type mortice lock set complete with furniture and handles. | NO | 8 | 15,000 | 120,000 |
| B | 2 – Lever “UNION” type mortice lock set complete with furniture and handles | NO | - | - | - |
| C | 100mm Brass hinges fixed to door with matching screws | PSR | 24 | 1,000 | 24,000 |
| D | 150mm Brass flush bolts | NO | - | - | - |
| E | 150mm Barrel bolts | NO | - | - | - |
| F | Rubber door stopper | NO | 8 | 2,000 | 16,000 |
| | SUB TOTAL | NO | | | 160,000 |
| TOTAL EMEMENT NO. 5 TO SUMMARY | | | | | 1,637,500 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 6: FINISHINGS. Floor Finishes In – situ finishing Cement and sand screed mix (1:3) incorporating an approved herded, steel trowel led to a smooth finish. | | | | |
| A | 40mm Floors and paving | CM | 440 | 2,000 | 880,000 |
| B | Ditto to steps | CM | 35 | 2,000 | 70,000 |
| C | 100mm High wall skirting | M | - | - | - |
| | Wall Finishes. 25mm Thick two coat work plaster comprising of 20mm thick cement and sand mortar (1:4) and 5mm finish coat of cement lime mix (1:6) smooth | | | | |

| | | | | | |
|----------------------------|---|----|-----|-------|------------------|
| D | finish. To walls internally | CM | 472 | 1,500 | 708,000 |
| E | To walls externally | CM | 246 | 1,500 | 369,000 |
| F | Ditto to windows calls | M | 19 | 1,500 | 28,500 |
| G | White glazed ceramic wall tiles cushion edges to BS 1283 fixed to backings with adhesive and pointed with white cement. 150 x 150 x 6mm Timing to walls | CM | - | - | - |
| H | Rounded edges | M | 70 | 2,400 | 168,000 |
| TOTAL TO COLLECTION | | | | | 2,223,500 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|--|------|-----|--------------|------------------|
| A | FINISHNGS CONT D Ceiling Finishes. 10mm Thick chipboard hardboard (B.S. 2604) ceiling fixed on brandering with ceiling nails, V- jointed at joints | CM | 440 | 2,000 | 880,000 |
| B | Soft wood pressure impregnated with preservative.0 50 x 100mm Ceiling joints | M | 69 | 2,000 | 138,000 |
| C | 50 x 75mm Brandering | M | 260 | 1,400 | 364,000 |
| D | 50 x 50mm Softwood cornices | M | 70 | 1,000 | 70,000 |
| | Pg 6/2 | | | | - |
| TOTAL ELEMENT NO. 6 TO SUMMARY | | | | | 3,675,500 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 7 PAINTING AND DECORATIONS Prepare and apply one under coat and three finishing coats of emulsion paint to. | | | | |
| A | Walls internally | SM | 472 | 1,000 | 472,000 |
| B | Walls externally | SM | 246 | 1,000 | 246,000 |
| C | Ceiling board | SM | 440 | 1,000 | 440,000 |
| D | Prepare and apply one primer coat and three finishing coasts of high gloss paint to Walls skirting internally | SM | 63 | 2,000 | 126,000 |

| | | | | | |
|---------------------------------------|---------------------------------------|----|----|-------|------------------|
| E | Walls skirting externally | SM | 60 | 2,000 | 120,000 |
| F | General surface of wood works to door | SM | 71 | 2,000 | 142,000 |
| G | Fascia board | SM | 27 | 2,000 | 54,000 |
| H | Barge board | SM | - | - | - |
| TOTAL ELEMENT NO. 7 TO SUMMARY | | | | | 1,600,000 |

ELEMENT NO. 8 PLUMBING INSTALLATION.

| ITEM | WORKS DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT |
|------|---|------|----------|--------|---------|
| A | SEPTIC TANK AND SOAK AWAY PIT. Excavate septic tank size 3.4 x 1.5x2M | M3 | 16 | 1,000 | 16,000 |
| B | Excavate soak way pits size 3 M Ø, 4M | M3 | 21 | 1,000 | 21,000 |
| C | CONCRETE WORKS. Lay 10mm thick plan concrete base foundation (1:3:6) for both septic and soak away pits. | M3 | 54 | 50,000 | 270,000 |
| D | Lay 150mm thick Reinforced concrete grade 20 suspended slab for both septic and soak pit | M3 | 23 | 60,000 | 138,000 |
| E | Provide 12mm Ø high tensile bar reinforcements for both | Kg | 62 | 1,000 | 62,000 |
| F | Provide 6mm Reinforcement bars | Kg | 25 | 1,000 | 25,000 |
| G | Provide wire mesh for both | Kg | 14 | 2,000 | 28,000 |
| H | Provide sawn forma work to horizontal soffits of suspended concrete slab your both | M | 80 | 1,000 | 80,000 |
| I | BLOCK WORK. Provide and lay 23mm thick 1:8 cement/sand block wall, bedded and jointed in cement/sand mortar | M2 | 24 | 5,000 | 120,000 |
| J | Provide and lay 30mm thick cement/sand (1:4) flooring and rendering to ceiling of suspended concrete slab | M2 | 14 | 4,000 | 56,000 |
| K | WATER SUPPLY SYSTEM. Supply and fix 1" poly thane pipes including all necessary accessories pipes laid in the trenches | M | 102 | 600 | 61,200 |
| L | Supply and fix ½ " galvanized steel pipes laid in the trenches | M | 60 | 2,300 | 138,000 |
| M | Provided and install W. Cs pans in toilets including all necessary accessories and fittings | Pcs | 14 | 30,000 | 420,000 |
| N | Supply and install ceramic hard washing sinks with all necessary fittings and necessities | Pcs | 2 | 25,000 | 50,000 |
| O | Supply and fix wall tiles in toilets and to the | | | | |

| | | | | | |
|---|---|-----|-----|---------|------------------|
| | washing sinks | M2 | 120 | 4,000 | 480,000 |
| P | Supply P.V.C pipes 4" Ø fixed to toilets with all necessary fittings. | M | 36 | 2,000 | 72,000 |
| R | Lay 150mm thick block walls inspection chambers Rendered internally with concrete cover | M2 | 12 | 4,000 | 48,000 |
| Q | Supply and install 3000 lts capacity SIM TANK including fixing inlet pipes, overflow and wash out, pipes connecting to water supply to building | Pcs | 2 | 100,000 | 200,000 |
| U | Supply and install union sinks in male toilets | Pcs | 6 | 14,000 | 84,000 |
| | TOTAL ELEMENT NO. 8 TO SUMMARY | | | | 2,369,200 |

| | | | | | |
|----------------------------|--|----------------|----|-------|----------------|
| | | | | | |
| B | Excavate foundation trench commencing at stripped level and not exceeding 1.50 metres deep | M ³ | 42 | 1,000 | 42,000 |
| C | Excavate pit for column bases commencing of formation level not exceeding 1.50 metres deep | M ³ | - | - | - |
| D | Extra over any kind of excavation for breaking up rock and the like. | M ³ | 7 | 2,000 | 14,000 |
| E | Earth backfilling well rammed and consolidate around foundations. | M ³ | 11 | 500 | 5,500 |
| F | Load up surplus excavate materials and remove away from site | M ³ | - | - | - |
| G | Imported soil filling overage 200mm thick including excavating in borrow pits, hauling and tipping, well ram and consolidate to make up levels under floors. | M ³ | 32 | 1,000 | 32,000 |
| H | Disposal of water Allow for keeping excavation free from water (except spring or running water) by pumping, baling, or by any other means necessary. | ITEM | - | - | - |
| I | Allow for provision and subsequent removal of planking and strutting to uphold and main fail all faces of excavation. | ITEM | - | - | - |
| J | Hardcore 150mm thick hardcore bed leveled and blinded to receive polythene membrane (measured separately). | SM2 | 78 | 2,420 | 188,760 |
| TOTAL TO COLLECTION | | | | | 319,860 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS. | AMOUNT TSHS |
|----------------------------|---|----------------|-----|---------------|------------------|
| A | Soil sterilization 'Adrin' 0.50% solution applied at a rate of 7 litres per sq. M to hardcore bed. | M ² | - | - | - |
| B | Ditto at a rate 8 litres per linear metre per 300mm with and depth to one side of backfilling on the external side of foundation. | LM | - | - | - |
| C | CONCRETE WORK. Plain concrete grade '10' 50mm Blinding | M ² | 6 | 20,000 | 120,000 |
| D | Plain insitu concrete grade '15' 100mm Bed | M ² | 13 | 50,000 | 650,000 |
| E | Steps | M ³ | 2 | 50,000 | 100,000 |
| F | Reinforced insitu concrete grade '20' including vibrating around reinforcement Foundation | M ³ | 5.2 | 50,000 | 260,000 |
| G | Column Bases | M ³ | 3 | 50,000 | 150,000 |
| H | Column | M ³ | - | - | - |
| J | Reinforcements. Mild steel bar reinforcement to BS 4449:1969 20mm Bar | KG | - | - | - |
| K | 16mm Bar | KG | 116 | 1,700 | 197,200 |
| L | 12mm Bar | KG | 182 | 1,700 | 309,400 |
| M | 10mm Bar | KG | - | - | - |
| N | 8mm Bar | KG | 59 | 800 | 47,200 |
| P | Sawn formwork to Vertical sides of foundation strip | M ² | - | - | - |
| Q | Vertical sides of column bases | SM | 48 | 1,600 | 76,800 |
| R | Vertical sides of column | SM | - | - | - |
| S | Vertical sides of ground beam | SM | - | - | - |
| T | Vertical edges of bed over 75mm but not exceeding 150mm high | LM | - | - | - |
| TOTAL TO COLLECTION | | | | | 1,910,600 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|--------------|----------------|
| | WALLING | | | | |
| A | Solid concrete Blocks to B.S 2028 type 'A' bedded and jointed in cement mortar (1:3) 230mm Thick wall | SM | 88 | 5,000 | 440,000 |
| B | Damp proofing course. Hessian bases bitumen damp proofing course to B.S 743 type 'A' 230mm wide laid horizontally on block work | LM | - | - | - |
| C | Damp proofing membrane. 500 Gauge polythene damp proofing | | | | |

| | | | | | |
|---------------------------------------|---|----|----|-------|------------------|
| | membrane laid over blinded hardcore (measures separately) | SM | - | - | - |
| D | 12mm cement sand (1:4) external rendering to concrete or block work | SM | 55 | 1,700 | 93,500 |
| E | Prepare and apply two coats of black bituminous paint on rendered surfaces externally | SM | 55 | 1,200 | 66,000 |
| F | Expansion joint Compressible joint filler materials, styropore to British standard requirements 20mm Thick, in concrete | SM | - | - | - |
| TOTAL ELEMENT NO. 1 TO SUMMARY | | | | | 2,829,960 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|---|------|-----|--------------|----------------|
| A | ELEMENT NO. 2: SUPERRSTRUCTURE Solid concrete blocks to B.S 2028 type 'A' bedded and jointed in cement and sand mortar (1:4) 230mm Thick walls | SM | | - | - |
| B | 150 mm Thick brick `walls | SM | 96 | 4,000 | 384,000 |
| C | 100 mm Thick walls | SM | - | - | - |
| D | CONCRETE WORKS. Reinforced insitu concrete grade '20' including vibrating around bars In columns | CM | 9 | 50,000 | 450,000 |
| E | In ring beams | CM | 14 | 50,000 | 700,000 |
| F | Reinforcement. Mid steel round bar reinforcement to BS 4449: 1969 16mm Bar | KG | 140 | 1,700 | 238,000 |
| G | 12mm Bar | KG | 125 | 1,700 | 212,500 |
| H | 10mm Bar | KG | - | - | - |
| J | 6mm Bar | KG | 61 | 1,700 | 103,700 |
| K | Precast concrete to window cill reinforced with welded mesh and including formworks to fair face size 330 x 100mm thick | M | 2 | 20,000 | 40,000 |
| L | 100mm Diameter Black/Galvanized pipes 3M height each with U – plate on top steel columns | M | 16 | 12,000 | 192,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|--------------------------------------|---|------|-----|--------------|------------------|
| | ELEMENT NO. 3 ROOFING Timber Trusses Treated softwood pressure impregnated With preservatives. | | | | |
| A | 50 x 150mm Rafters | M | 163 | 1,000 | 163,000 |
| B | 50 x 150mm Tie beams | M | 44 | 1,000 | 44,000 |
| C | 50 x 100mm struts | M | 36 | 900 | 32,400 |
| D | 50 x 75mm Purlins | M | 172 | 800 | 137,600 |
| E | 25 x 250mm Barge board | M | - | - | - |
| F | 25 x 250mm Fascia board | M | 68 | 1,000 | 68,000 |
| G | ROOF COVERING. Galvanize corrugated iron sheets as manufactured by ALUCO overlapping 150mm end laps, sloping not exceeding 45 degree from horizontal:- 28 Gauge roofing sheets | SM | 149 | 4,000 | 596,000 |
| H | 28 Gauge ridge coping: 450mm Girth | M | 26 | 4,000 | 104,000 |
| J | Allow for supply and fixing of Glass fiber Reinforced plastic (GFRP) Translucent roofing sheets matching sizes of other roofing sheets | NO | 10 | 16,000 | 160,000 |
| TOTAL ELEMENT NO.3 TO SUMMARY | | | | | 1,305,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|---|------|-----|--------------|----------------|
| | ELEMENT NO.4 WINDOWS. Prime Quality Hardwood – Mninga. | | | | |
| A | 15 x 70mm Ground | M | - | - | - |
| B | 50 x 150mm Frames Plugged | M | 197 | 2,000 | 394,000 |
| C | 50 x 150mm Mullion | M | 104 | 2,000 | 208,000 |
| D | 50 x 150mm Transoms | M | 58 | 2,000 | 116,000 |
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 16mm Diameter mild steel burglar Proofing bars to Windows including cutting length and fixing ends in timber hardwood | M | 107 | 1,000 | 107,000 |
| K | Supply and fix 2"x2" Mninga for glass panels | M | 86 | 1,200 | 103,200 |
| L | 5mm clear glass fixed to 2"x2" mninga frame | M2 | 147 | 1,500 | 220,500 |
| M | Supply and fix mosquito wire, Expanded metal in a single frame glass panels | M2 | 96 | 1,000 | 96,000 |

| | | | | |
|---|--|--|--|------------------|
| PG 4/1 | | | | |
| TOTAL FOR ELEMENT NO. 4 CARRIED TO SUMMARY | | | | 1,244,700 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------------------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 5 DOORS. | | | | |
| | Prime Quality Hardwood selected Mninga | | | | |
| A | 15 x 70mm Ground | M | - | - | - |
| B | 50 x 150mm Frames Plugged | M | 142 | 2,000 | 284,000 |
| C | 50 x 150mm Mullion | M | 77 | 2,000 | 154,000 |
| D | 50 x 150mm Transomes | M | 19 | 2,000 | 38,000 |
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 20 x 40mm Door stopper | M | - | - | - |
| G | 50mm Thick Panel door, comprising of 50 x 200mm Bottom rails, 50 x 200mm middle and top rails 25mm thick infill panels to overall size 900 x 2100 high | NO | 7 | 60,000 | 420,000 |
| H | Ditto overall size | NO | - | - | - |
| | SUNDRIES. | | | | |
| K | 16mm dia. Burglar proof bars including making holes as necessary | M | - | - | - |
| SUB TOTAL | | | | | 896,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|--|------|-----|--------------|------------------|
| | Iron monger. | | | | |
| | Supply and fix the following iron monger | | | | |
| | UNION – EX U.K. to hardwood with | | | | |
| | matching screws. | | | | |
| A | 3 – Lever “UNION” type mortice lock set complete with furniture and handles. | NO | - | - | - |
| B | 2 – Lever “UNION” type mortice lock set complete with furniture and handles | NO | 7 | 15,000 | 105,000 |
| C | 100mm Brass hinges fixed to door with matching screws | PSR | 21 | 1,000 | 21,000 |
| D | 150mm Brass flush bolts | NO | - | - | - |
| E | 150mm Barrel bolts | NO | | | |
| F | Rubber door stopper | NO | 7 | 2,000 | 14,000 |
| TOTAL EMEMENT NO. 5 TO SUMMARY | | | | | 1,036,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUN T TSHS |
|--------------------------------|---|------|-----|--------------|--------------------|
| | ELEMENT NO. 6: FINISHINGS. | | | | |
| | Floor Finishes | | | | |
| | In – situ finishing | | | | |
| | Cement and sand screed mix (1:3) incorporating an approved herded, steel trowel led to a smooth finish. | | | | |
| A | 40mm Floors and paving | SM | 78 | 4,000 | 312,000 |
| B | Ditto to steps | SM | 14 | 4,000 | 56,000 |
| C | 100mm High wall skirting | M | 6 | 2,000 | 12,000 |
| | Wall Finishes. | | | | |
| | 25mm Thick two coat work plaster comprising of 20mm thick cement and sand mortar (1:4) and 5mm finish coat of cement lime mix (1:6) smooth finish. | | | | |
| D | To walls internally | SM | 123 | 3,000 | 369,000 |
| E | To walls externally | SM | 69 | 3,000 | 207,000 |
| F | Ditto to windows calls | M | 7 | 3,000 | 21,000 |
| | White glazed ceramic wall tiles cushion edges to BS 1283 fixed to backings with adhesive and pointed with white cement. | | | | |
| G | 150 x 150 x 6mm Timing to walls | SM | 62 | 1,000 | 62,000 |
| H | Rounded edges | M | 6 | 1,000 | 6,000 |
| SUB TOTAL TO COLLECTION | | | | | 1,045,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|---|------|-----|--------------|------------------|
| | FINISHNGS CONT' D | | | | |
| | Ceiling Finishes. | | | | |
| A | 10mm Thick chipboard hardboard (B.S. 2604) ceiling fixed on brandering with ceiling nails, V- jointed at joints | SM | 78 | 2,000 | 156,000 |
| | Soft wood pressure impregnated with preservative. | | | | |
| B | 50 x 100mm Ceiling joints | M | 57 | 1,000 | 57,000 |
| C | 50 x 75mm Brandering | M | 68 | 800 | 54,400 |
| D | 50 x 50mm Softwood cornices | M | 34 | 500 | 17,000 |
| TOTAL ELEMENT NO. 6 TO SUMMARY | | | | | 1,329,400 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 7 PAINTING AND DECORATIONS Prepare and apply one under coat and three finishing coats of emulsion paint to. | | | | |
| A | Walls internally | SM | 123 | 1,000 | 123,000 |
| B | Walls externally | SM | 69 | 1,000 | 69,000 |
| C | Ceiling board | SM | 78 | 1,000 | 78,000 |
| | Prepare and apply one primer coat and three finishing coats of high gloss paint to | | | | |
| D | Walls skirting internally | SM | 35 | 1,200 | 42,000 |
| E | Walls skirting externally | SM | 18 | 1,200 | 21,600 |
| F | General surface of wood works to door | SM | 36 | 1,200 | 43,200 |
| G | Fascia board | SM | 14 | 1,200 | 16,000 |
| H | Barge board | SM | - | - | - |
| TOTAL ELEMENT NO. 7 TO SUMMARY | | | | | 393,600 |

ELEMENT NO. 8 PLUMBING INSTALLATION.

| ITEM | WORKS DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT |
|------|---|------|----------|--------|---------|
| | SEPTIC TANK AND SOAK AWAY PIT. | | | | |
| A | Excavate septic tank size 3.4 x 1.5x2M | M3 | 12 | 1,000 | 12,000 |
| B | Excavate soak way pits size 3 M Ø, 4M | M3 | 16 | 1,000 | 16,000 |
| | CONCRETE WORKS. | | | | |
| C | Lay 10mm thick plan concrete base foundation (1:3:6) for both septic and soak away pits. | M3 | 3 | 50,000 | 150,000 |
| D | Lay 150mm thick Reinforced concrete grade 20 suspended slab for both septic and soak pit | M3 | 1.6 | 50,000 | 80,000 |
| E | Provide 12mm Ø high tensile bar reinforcements for both | Kg | 24 | 1,700 | 40,800 |
| F | Provide 6mm Reinforcement bars | Kg | 10 | 1,700 | 17,000 |
| G | Provide wire mesh for both | Kg | 12 | | 18,000 |
| H | Provide sawn forma work to horizontal soffits of suspended concrete slab your both | M | 36 | 1,000 | 36,000 |
| | BLOCK WORK. | | | | |
| I | Provide and lay 23mm thick 1:8 cement/sand block wall, bedded and jointed in cement/sand mortar | M2 | 17 | 5,000 | 85,000 |

| | | | | | |
|---|---|-----|----|--------|----------------|
| J | Provide and lay 30mm thick cement/sand (1:4) flooring and rendering to ceiling of suspended concrete slab | M2 | 9 | 2,000 | 18,000 |
| K | WATER SUPPLY SYSTEM. Supply and fix 1" poly thane pipes including all necessary accessories pipes laid in the trenches | M | 70 | 600 | 42,000 |
| L | Supply and fix ½ " galvanized steel pipes laid in the trenches | M | 29 | 2,300 | 66,700 |
| M | Provided and install W. Cs pans in toilets including all necessary accessories and fittings | Pcs | 1 | 30,000 | 30,000 |
| N | Supply and install ceramic hard washing sinks with all necessary fittings and necessities | Pcs | 1 | 25,000 | 25,000 |
| O | Supply and fix wall tiles in toilets and to the washing sinks | M2 | 30 | 2,000 | 60,000 |
| P | Supply P.V.C pipes 4" Ø fixed to toilets with all necessary fittings. | M | 12 | 2,000 | 24,000 |
| R | Lay 150mm thick block walls inspection chambers Rendered internally with concrete cover | M2 | 3 | 4,000 | 12,000 |
| Q | Supply and install 3000 lts capacity SIM TANK including fixing inlet pipes, overflow and wash out, pipes connecting to water supply to building | Pcs | 1 | 50,000 | 50,000 |
| U | Supply and install union sinks in male toilets | Pcs | 1 | 25,000 | 25,000 |
| | TOTAL ELEMENT NO. 8 TO SUMMARY | | | | 807,500 |

9. ELECTRICAL INSTALLATION.

| | CONDUCT PIPE | UNIT | QUANT ITY | RATE | AMOU NT |
|-------|-------------------------|------|--------------|--------|------------|
| 10.1 | CONDUCT PIPE | Pcs | 14 | 700 | 9,800 |
| 10.2 | METAL BOX | Pcs | 16 | 800 | 12,800 |
| 10.3 | 2 GANG SWITCH | Pcs | 5 | 1,500 | 7,500 |
| 10.4 | 3 GANG SWITCH | Pcs | 4 | 1,600 | 6,400 |
| 10.5 | 1 GANG SWITCH | Pcs | 6 | 1,000 | 6,000 |
| 10.6 | SWITCH SOCKET | Pcs | 4 | 900 | 3,600 |
| 10.7 | 1.5 MM2 CABLE WWIRE | M | 120 | 500 | 60,000 |
| 10.8 | 2.5MM2 MITAA CABLE WIRW | M | 100 | 700 | 70,000 |
| 10.9 | TUBE LIGHT 3 FT | Pcs | 4 | 1,500 | 6,000 |
| 10.10 | TUBE LIGHT 2 FT | Pcs | 6 | 1,200 | 7,200 |
| 10.11 | LAMP HOLDER | Pcs | 4 | 1,000 | 4,000 |
| 10.12 | EARTH RODE | Pcs | 1 | 10,000 | 10,000 |
| 10.13 | JUNCTION BOX | Pcs | 10 | 700 | 7,000 |
| 10.14 | EARTH WIRE MT | M | 22 | 400 | 8,800 |
| 10.15 | SADDLE CLIPS | Pkt | 4 | 500 | 2,000 |
| 10.16 | MAIN SWITCH 4 WAY | Pcs | 1 | 35,000 | 35,000 |
| 10.17 | CIRCUIT BREAKER | Pcs | 1 | 15,000 | 15,000 |
| 10.18 | Nails "1" | Kg | 1 | 1,200 | 1,200 |

| | | | | | |
|--|----------------------------|--|--|--|----------------|
| | SUB TOTAL | | | | 272,300 |
| | LABOUR CHARGE 20% | | | | 54,460 |
| | TOTAL ELEMENT NO. 9 | | | | 326,760 |

SUMMARY OF MEASURED WORKS.

| | | |
|---|--|-------------------|
| A | Element No. 1, Substructure | 2,829,960 |
| B | Element NO. 2, Superstructure | 1,620,200 |
| C | Element No. 3, Roofing | 1,305,000 |
| D | Element No. 4, Windows | 1,244,700 |
| E | Element No. 5, Doors | 1,036,000 |
| F | Element No. 6, Finishing | 1,329,400 |
| G | Element No. 7, Painting and Decoration | 393,600 |
| H | Element No. 8 Plumbing installation | 807,500 |
| I | Element No. 9 Electrical Installation | 326,760 |
| | TOTAL MEASURED WORKS TO GENERAL SUMMARY | 10,893,120 |

CONSTRUCTION OF DINING HALL BUILDING.

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS. | AMOUNT TSHS. |
|------|---|----------------|-----|---------------|-----------------|
| A | ELEMENT NO. 1: SUBSTRUCTURE EXCAVATIONS AND EARTHWORKS (ALL PROVISIONAL) Excavate over site (top soil) average 150mm deep to remove vegetable soil, convey overage 100 linear metres and deposited in spoil heaps | M ² | 114 | 400 | 45,600 |
| B | Excavate foundation trench commencing at stripped level and not exceeding 1.50 metres deep | M ³ | 49 | 1,000 | 49,000 |
| C | Excavate pit for column bases commencing of formation level not exceeding 1.50 metres deep | M ³ | 12 | 1,000 | 12,000 |
| D | Extra over any kind of excavation for breaking up rock and the like. | M ³ | 8 | 2,000 | 16,000 |
| E | Earth backfilling well rammed and consolidate around foundations. | M ³ | 19 | 500 | 9,500 |
| F | Load up surplus excavate materials and remove away from site | M ³ | - | - | - |
| G | Imported soil filling overage 200mm thick including excavating in borrow pits, hauling and tipping, well ram and consolidate to make up levels under floors. | M ³ | 36 | 1,000 | 36,000 |
| H | Disposal of water Allow for keeping excavation free from water | | | | |

| | | | | | |
|------------------|---|------|----|-------|----------------|
| | (except spring or running water) by pumping, baling, or by any other means necessary. | ITEM | - | - | - |
| I | Allow for provision and subsequent removal of planking and strutting to uphold and main face all faces of excavation. | ITEM | - | - | - |
| J | Hardcore 150mm thick hardcore bed leveled and blinded to receive polythene membrane (measured separately). | SM2 | 94 | 2,420 | 227,480 |
| SUB TOTAL | | | | | 395,580 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS. | AMOUNT TSHS |
|------|---|----------------|-----|---------------|----------------|
| A | Soil sterilization 'Adrin' 0.50% solution applied at a rate of 7 litres per sq. M to hardcore bed. | M ² | - | - | - |
| B | Ditto at a rate 8 litres per linear metre per 300mm with and depth to one side of backfilling on the external side of foundation. | LM | - | - | - |
| C | CONCRETE WORK. Plain concrete grade '10' 50mm Blinding | M ² | 13 | 20,000 | 260,000 |
| D | Plain insitu concrete grade '15' 100mm Bed | M ² | 19 | 50,000 | 950,000 |
| E | Steps | M ³ | | | |
| F | Reinforced insitu concrete grade '20' including vibrating around reinforcement Foundation | M ³ | 4 | 50,000 | 200,000 |
| G | Column Bases | M ³ | 3 | 50,000 | 150,000 |
| H | Column | M ³ | - | - | - |
| J | Reinforcements. Mild steel bar reinforcement to BS 4449:1969 20mm Bar | KG | - | - | - |
| K | 16mm Bar | KG | 147 | 1,700 | 249,900 |
| L | 12mm Bar | KG | 100 | 1,700 | 170,000 |
| M | 10mm Bar | KG | - | | |
| N | 8mm Bar | KG | 18 | 1,700 | 30,600 |
| P | Sawn formwork to Vertical sides of foundation strip | M ² | | | |
| Q | Vertical sides of column bases | SM | | | |
| R | Vertical sides of column | SM | | | |
| S | Vertical sides of ground beam | SM | | | |
| T | Vertical edges of bed over 75mm but not exceeding 150mm high | LM | - | - | - |

| | |
|--------------------------------|------------------|
| SUB TOTAL T0 COLLECTION | 2,010,500 |
|--------------------------------|------------------|

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|---|------|-----|--------------|------------------|
| A | WALLING Solid concrete Blocks to B.S 2028 type 'A' bedded and jointed in cement mortar (1:3) 230mm Thick wall | SM | 122 | 5,000 | 610,000 |
| B | Damp proofing course. Hesian bases bitumen damp proofing course to B.S 743 type 'A' 230mm wide laid horizontally on block work | LM | - | - | - |
| C | Damp proofing membrane. 500 Gauge polythene damp proofing membrane laid over blinded hardcore (measures separately) | SM | - | - | - |
| D | 12mm cement sand (1:4) external rendering to concrete or block work | SM | 36 | 1,700 | 61,200 |
| E | Prepare and apply two coasts of black bituminous paint on rendered surfaces externally | SM | 40 | 1,200 | 48,000 |
| F | Expansion joint Compressible joint filler materials, styropore to British standard requirements 20mm Thick, in concrete | SM | - | - | - |
| TOTAL ELEMENT NO. 1 TO SUMMARY | | | | | 3,125,280 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 2: SUPERRSTRUCTURE Solid concrete blocks to B.S 2028 type 'A' bedded and jointed in cement and sand mortar (1:4) | | | | |
| A | 230mm Thick walls | SM | 170 | 4,000 | 680,000 |
| B | 150 mm Thick brick walls | SM | 78 | | |
| C | 100 mm Thick walls | SM | - | - | - |
| | CONCRETE WORKS. Reinforced insitu concrete grade '20' including vibrating around bars | | | | |
| D | In columns | CM | 8 | 50,000 | 400,000 |

| | | | | | |
|---------------------------------------|---|----|-----|--------|------------------|
| E | In ring beams | CM | 10 | 50,000 | 500,000 |
| | Reinforcement. | | | | |
| | Mid steel round bar reinforcement to BS 4449: 1969 | | | | |
| F | 16mm Bar | KG | | | |
| G | 12mm Bar | KG | 129 | 1,700 | 219,300 |
| H | 10mm Bar | KG | - | - | - |
| J | 6mm Bar | KG | | | |
| K | Precast concrete to window cill reinforced with welded mesh and including formworks to fair face size 330 x 100mm thick | M | 18 | 20,000 | 360,000 |
| L | 100mm Diameter Black/Galvanized pipes 3M height each with U – plate on top steel columns | M | 16 | 12,000 | 192,000 |
| TOTAL ELEMENT NO. 2 TO SUMMARY | | | | | 2,348,300 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|--------------------------------------|---|------|-----|--------------|------------------|
| | ELEMENT NO. 3 ROOFING | | | | |
| | Timber Trusses | | | | |
| | Treated softwood pressure impregnated | | | | |
| | With preservatives. | | | | |
| | 50 x 150mm Rafters | M | 204 | 1,000 | 204,000 |
| B | 50 x 150mm Tie beams | M | 86 | 1,000 | 86,000 |
| C | 50 x 100mm struts | M | 58 | 900 | 52,200 |
| D | 50 x 75mm Purlins | M | 274 | 800 | 219,200 |
| E | 25 x 250mm Barge board | M | - | - | - |
| F | 25 x 250mm Fascia board | M | 96 | 1,000 | 96,000 |
| | ROOF COVERING. | | | | |
| | Galvanize corrugated iron sheets as manufactured by ALUCO overlapping 150mm end laps, sloping not exceeding 45 degree from horizontal:- | | | | |
| G | 28 Gauge roofing sheets | SM | 168 | 4,000 | 672,000 |
| H | 28 Gauge ridge coping: 450mm Girth | M | 44 | 4,000 | 176,000 |
| J | Allow for supply and fixing of Glass fiber Reinforced plastic (GFRP) Translucent roofing sheets matching sizes of other roofing sheets | NO | 8 | 16,000 | 128,000 |
| TOTAL ELEMENT NO.3 TO SUMMARY | | | | | 1,633,400 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---|---|------|------|--------------|------------------|
| | ELEMENT NO.4 WINDOWS. Prime Quality Hardwood – Mninga. | | | | |
| A | 15 x 70mm Ground | M | - | - | - |
| B | 50 x 150mm Frames Plugged | M | 1189 | 2,000 | 378,000 |
| C | 50 x 150mm Mullion | M | 112 | 2,000 | 224,000 |
| D | 50 x 150mm Transoms | M | 55 | 2,000 | 110,000 |
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 16mm Diameter mild steel burglar Proofing bars to Windows including cutting length and fixing ends in timber hardwood | M | 110 | 1,000 | 110,000 |
| K | Supply and fix 2"x2" Mninga for glass panels | M | 79 | 1,200 | 94,800 |
| L | 5mm clear glass fixed to 2"x2" mninga frame | M2 | 126 | 1,500 | 189,000 |
| M | Supply and fix mosquito wire, Expanded metal in a single frame glass panels | M2 | 96 | 1,000 | 96,000 |
| TOTAL FOR ELEMENT NO. 4 CARRIED TO SUMMARY | | | | | 1,201,800 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|----------------------------|---|------|-----|--------------|----------------|
| | ELEMENT NO. 5 DOORS. Prime Quality Hardwood selected Mninga | | | | |
| A | 15 x 70mm Ground | M | - | - | - |
| B | 50 x 150mm Frames Plugged | M | 123 | 2,000 | 246,000 |
| C | 50 x 150mm Mullion | M | 60 | 2,000 | 120,000 |
| D | 50 x 150mm Transomes | M | 16 | 2,000 | 32,000 |
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 20 x 40mm Door stopper | M | - | - | - |
| G | 50mm Thick Panel door, comprising of 50 x 200mm Bottom rails, 50 x 200mm middle and top rails 25mm thick infill panels to overall size 900 x 2100 high | NO | 5 | 60,000 | 300,000 |
| H | Ditto overall size | NO | - | - | - |
| K | SUNDRIES. 16mm dia. Burglar proof bars including making holes as necessary | M | 27 | 1,500 | 40,500 |
| TOTAL TO COLLECTION | | | | | 738,500 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|--|------|-----|--------------|----------------|
| A | Iron monger. Supply and fix the following iron monger UNION – EX U.K. to hardwood with matching screws. 3 – Lever “UNION” type mortice lock set complete with furniture and handles. | NO | | | |
| B | 2 – Lever “UNION” type mortice lock set complete with furniture and handles | NO | 6 | 15,000 | 90,000 |
| C | 100mm Brass hinges fixed to door with matching screws | PSR | 18 | 1,000 | 18,000 |
| D | 150mm Brass flush bolts | NO | - | - | - |
| E | 150mm Barrel bolts | NO | | | |
| F | Rubber door stopper | NO | 6 | 1,640 | 9,840 |
| TOTAL EMEMENT NO. 5 TO SUMMARY | | | | | 856,340 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|---|------|-----|--------------|----------------|
| | ELEMENT NO. 6: FINISHINGS. | | | | |
| | Floor Finishes | | | | |
| | In – situ finishing | | | | |
| | Cement and sand screed mix (1:3) | | | | |
| | incorporating an approved herded, steel | | | | |
| | trowel led to a smooth finish. | | | | |
| A | 40mm Floors and paving | SM | 166 | 4,000 | 664,000 |
| B | Ditto to steps | SM | 20 | 4,000 | 80,000 |
| C | 100mm High wall skirting | M | - | - | - |
| | Wall Finishes. | | | | |
| | 25mm Thick two coat work plaster | | | | |
| | comprising of 20mm thick cement and sand | | | | |
| | mortar (1:4) and 5mm finish coast of | | | | |
| | cement lime mix (1:6) smooth finish. | | | | |
| D | To walls internally | SM | 157 | 3,000 | 471,000 |
| E | To walls externally | SM | 96 | 3,000 | 288,000 |
| F | Ditto to windows calls | M | | | |
| | White glazed ceramic wall tiles cushion | | | | |
| | edges to BS 1283 fixed to backings with | | | | |
| | adhesive and pointed with white cement. | | | | |
| G | 150 x 150 x 6mm Timing to walls | SM | 66 | 1,000 | 66,000 |
| H | Rounded edges | M | 40 | 1,000 | 40,000 |

| | |
|-----------------------------|------------------|
| SUB TOTAL COLLECTION | 1,609,000 |
|-----------------------------|------------------|

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|---|------|-----|--------------|------------------|
| A | FINISHINGS CONT D Ceiling Finishes. 10mm Thick chipboard hardboard (B.S. 2604) ceiling fixed on brandering with ceiling nails, V- jointed at joints | SM | 166 | 2,000 | 332,000 |
| B | Soft wood pressure impregnated with preservative. 50 x 100mm Ceiling joints | M | 82 | 1,000 | 82,000 |
| C | 50 x 75mm Brandering | M | 67 | 800 | 53,600 |
| D | 50 x 50mm Softwood cornices | M | - | - | - |
| | | | | | 467,600 |
| TOTAL ELEMENT NO. 6 TO SUMMARY | | | | | 2,076,600 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 7 PAINTING AND DECORATIONS Prepare and apply one under coat and three finishing coats of emulsion paint to. | | | | |
| A | Walls internally | SM | 324 | 1,000 | 324,000 |
| B | Walls externally | SM | 167 | 1,000 | 167,000 |
| C | Ceiling board | SM | 166 | 1,000 | 166,000 |
| D | Prepare and apply one primer coat and three finishing coats of high gloss paintto Walls skirting internally | SM | 46 | 1,200 | 55,200 |
| E | Walls skirting externally | SM | - | - | - |
| F | General surface of wood works to door | SM | 41 | 1,200 | 49,200 |
| G | Fascia board | SM | 26 | 1,200 | 31,200 |
| H | Barge board | SM | - | - | - |
| TOTAL ELEMENT NO. 7 TO SUMMARY | | | | | 792,600 |

ELEMENT NO. 8 PLUMBING INSTALLATION.

| ITEM | WORKS DESCRIPTION | UNIT | QUANTI TY | RATE | AMOUNT |
|------|--------------------------------|------|--------------|------|--------|
| | SEPTIC TANK AND SOAK AWAY PIT. | | | | |

| | | | | | |
|---|---|-----|-----|--|--|
| A | Excavate septic tank size 3.4 x 1.5x2M | M3 | 16 | | |
| B | Excavate soak way pits size 3 M Ø, 4M | M3 | 21 | | |
| C | CONCRETE WORKS. Lay 10mm thick plan concrete base foundation (1:3:6) for both septic and soak away pits. | M3 | 1 | | |
| D | Lay 150mm thick Reinforced concrete grade 20 suspended slab for both septic and soak pit | M3 | 2.3 | | |
| E | Provide 12mm Ø high tensile bar reinforcements for both | Kg | 62 | | |
| F | Provide 6mm Reinforcement bars | Kg | 25 | | |
| G | Provide wire mesh for both | Kg | 14 | | |
| H | Provide sawn forma work to horizontal soffits of suspended concrete slab your both | M | 80 | | |
| I | BLOCK WORK. Provide and lay 23mm thick 1:8 cement/sand block wall, bedded and jointed in cement/sand mortar | M2 | 24 | | |
| J | Provide and lay 30mm thick cement/sand (1:4) flooring and rendering to ceiling of suspended concrete slab | M2 | 14 | | |
| K | WATER SUPPLY SYSTEM. Supply and fix 1" poly thane pipes including all necessary accessories pipes laid in the trenches | M | 102 | | |
| L | Supply and fix ½ " galvanized steel pipes laid in the trenches | M | 60 | | |
| M | Provided and install W. Cs pans in toilets including all necessary accessories and fittings | Pcs | 5 | | |
| N | Supply and install ceramic hard washing sinks with all necessary fittings and necessities | Pcs | 2 | | |
| O | Supply and fix wall tiles in toilets and to the washing sinks | M2 | 60 | | |
| P | Supply P.V.C pipes 4" Ø fixed to toilets with all necessary fittings. | M | 36 | | |
| R | Lay 150mm thick block walls inspection chambers Rendered internally with concrete cover | M2 | 12 | | |
| Q | Supply and install 3000 lts capacity SIM TANK including fixing inlet pipes, overflow and wash out, pipes connecting to water supply to building | Pcs | 1 | | |
| U | Supply and install union sinks in male toilets | Pcs | 4 | | |
| | TOTAL ELEMENT NO. 8 TO SUMMARY | | | | |

10.1: ELECTRICAL INSTALLATION.

| | CONDUCT PIPE | UNIT | QUANTITY | RATE | AMOUNT |
|------|--------------|------|----------|------|--------|
| 10.1 | CONDUCT PIPE | Pcs | 15 | 700 | 10,500 |
| 10.2 | METAL BOX | Pcs | 13 | 800 | 10,400 |

| | | | | | |
|-------|-------------------------|-----|-----|--------|----------------|
| 10.3 | 2 GANG SWITCH | Pcs | 6 | 1,500 | 9,000 |
| 10.4 | 3 GANG SWITCH | Pcs | 4 | 1,600 | 6,400 |
| 10.5 | 1 GANG SWITCH | Pcs | 8 | 1,000 | 8,000 |
| 10.6 | SWITCH SOCKET | Pcs | 7 | 900 | 6,300 |
| 10.7 | 1.5 MM2 CABLE WWIRE | M | 120 | 500 | 60,000 |
| 10.8 | 2.5MM2 MITAA CABLE WIRW | M | 100 | 700 | 70,000 |
| 10.9 | TUBE LIGHT 3 FT | Pcs | 4 | 1,500 | 6,000 |
| 10.10 | TUBE LIGHT 2 FT | Pcs | 6 | 1,200 | 7,200 |
| 10.11 | LAMP HOLDER | Pcs | 4 | 1,000 | 4,000 |
| 10.12 | EARTH RODE | Pcs | 1 | 10,000 | 10,000 |
| 10.13 | JUNCTION BOX | Pcs | 12 | 700 | 8,400 |
| 10.14 | EARTH WIRE MT | M | 22 | 400 | 8,800 |
| 10.15 | SADDLE CLIPS | Pkt | 3 | 500 | 1,500 |
| 10.16 | MAIN SWITCH 4 WAY | Pcs | 1 | 35,000 | 35,000 |
| 10.17 | CIRCUIT BREAKER | Pcs | 1 | 15,000 | 35,000 |
| 10.18 | MISUMARI "1" | Kg | 1 | 1,200 | 1,200 |
| | JUMLA NDOGO | | | | 277,700 |
| | LABOUR CHARGE 20% | | | | 55,540 |
| | SUB TOTAL | | | | 333,240 |

SUMMARY OF MEASURED WORKS.

| | | |
|---|--|-------------------|
| A | Element No. 1, Substructure | 3,125,280 |
| B | Element NO. 2, Superstructure | 2,348,300 |
| C | Element No. 3, Roofing | 1,633,400 |
| D | Element No. 4, Windows | 1,201,800 |
| E | Element No. 5, Doors | 856,340 |
| F | Element No. 6, Finishing | 2,076,600 |
| G | Element No. 7, Painting and Decoration | 792,600 |
| H | Element No. 8 Plumbing installation | - |
| I | Element No. 9 Electrical Installation | 335,240 |
| | TOTAL MEASURED WORKS TO GENERAL SUMMARY | 12,367,600 |

CONSTRUCTION OF STAFF HOUSE.

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS. | AMOUN T TSHS. |
|-----------------------------------|---|----------------|-----|---------------|---------------------|
| A | ELEMENT NO. 1: SUBSTRUCTURE EXCAVATIONS AND EARTHWORKS (ALL PROVISIONAL) Excavate over site (top soil) average 150mm deep to remove vegetable soil, convey overage 100 linear metres and deposited in spoil heaps | M ² | 96 | 400 | 38,400 |
| B | Excavate foundation trench commencing at stripped level and not exceeding 1.50 metres deep | M ³ | 37 | 1,000 | 37,000 |
| C | Excavate pit for column bases commencing of. formation level not exceeding 1.50 metres deep | M ³ | - | - | - |
| D | Extra over any kind of excavation for breaking up rock and the like. | M ³ | 4 | 2,000 | 8,000 |
| E | Earth backfilling well rammed and consolidate around foundations. | M ³ | 8 | 500 | 4,000 |
| F | Load up surplus excavate materials and remove away from site | M ³ | - | - | - |
| G | Imported soil filling overage 200mm thick including excavating in borrow pits, hauling and tipping, well ram and consolidate to make up levels under floors. | M ³ | 28 | 1,000 | 28,000 |
| H | Disposal of water Allow for keeping excavation free from water (except spring or running water) by pumping, baling, or by any other means necessary. | ITEM | - | - | - |
| I | Allow for provision and subsequent removal of planking and strutting to uphold and main fain all faces of excavation. | ITEM | - | - | - |
| J | Hardcore 150mm thick hardcore bed leveled and blinded to receive polythene membrane (measured separately). | SM2 | 68 | 2,420 | 164,560 |
| TOTAL PG 1/1 TO COLLECTION | | | | | 279,960 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS. | AMOUNT TSHS |
|------|-------------|------|-----|---------------|----------------|
|------|-------------|------|-----|---------------|----------------|

| | | | | | |
|-----------------------------------|---|----------------|-----|--------|----------------|
| A | Soil sterilization 'Adrin' 0.50% solution applied at a rate of 7 litres per sq. M to hardcore bed. | M ² | - | - | - |
| B | Ditto at a rate 8 litres per linear metre per 300mm with and depth to one side of backfilling on the external side of foundation. | LM | - | - | - |
| C | CONCRETE WORK. Plain concrete grade '10' 50mm Blinding | M ² | 3.7 | 20,000 | 74,000 |
| D | Plain insitu concrete grade '15' 100mm Bed | M ² | 6 | 50,000 | 3,000,000 |
| E | Steps | M ³ | | | |
| F | Reinforced insitu concrete grade '20' including vibrating around reinforcement Foundation | M ³ | 4 | 50,000 | 200,000 |
| G | Column Bases | M ³ | - | - | - |
| H | Column | M ³ | - | - | - |
| J | Reinforcements. Mild steel bar reinforcement to BS 4449:1969 20mm Bar | KG | - | - | - |
| K | 16mm Bar | KG | - | - | - |
| L | 12mm Bar | KG | 59 | 1,700 | 100,300 |
| M | 10mm Bar | KG | - | | |
| N | 8mm Bar | KG | 16 | 800 | 12,000 |
| P | Sawn formwork to. Vertical sides of foundation strip | M ² | | | |
| Q | Vertical sides of column bases | SM | | | |
| R | Vertical sides of column | SM | | | |
| S | Vertical sides of ground beam | SM | | | |
| T | Vertical edges of bed over 75mm but not exceeding 150mm high | LM | - | - | - |
| TOTAL PG 1/2 T0 COLLECTION | | | | | 717,100 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|---|------|-----|--------------|----------------|
| A | WALLING Solid concrete Blocks to B.S 2028 type 'A' bedded and jointed in cement mortar (1:3) 230mm Thick wall | SM | 74 | 5,000 | 370,000 |
| B | Damp proofing course. Hessian bases bitumen damp proofing course to B.S 743 type 'A' 230mm wide laid | | | | |

| | | | | | |
|---------------------------------------|---|----|----|-------|------------------|
| | horizontally on block work | LM | - | - | - |
| C | Damp proofing membrane. 500 Gauge polythene damp proofing membrane laid over blinded hardcore (measures separately) | SM | - | - | - |
| D | 12mm cement sand (1:4) external rendering to concrete or block work | SM | 40 | 1,700 | 68,000 |
| E | Prepare and apply two coats of black bituminous paint on rendered surfaces externally | SM | 40 | 1,200 | 48,000 |
| F | Expansion joint Compressible joint filler materials, styropore to British standard requirements 20mm Thick, in concrete | SM | - | - | - |
| TOTAL ELEMENT NO. 1 TO SUMMARY | | | | | 1,483,060 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|---|------|-----|--------------|----------------|
| | ELEMENT NO. 2: SUPERRSTRUCTURE Solid concrete blocks to B.S 2028 type 'A' bedded and jointed in cement and sand mortar (1:4) | | | | |
| A | 230mm Thick walls | SM | | | |
| B | 150 mm Thick brick `walls | SM | 94 | 4,000 | 376,000 |
| C | 100 mm Thick walls | SM | - | - | - |
| | CONCRETE WORKS. Reinforced insitu concrete grade '20' including vibrating around bars | | | | |
| D | In columns | CM | - | - | - |
| E | In ring beams | CM | 3 | 50,000 | 150,000 |
| | Reinforcement. Mid steel round bar reinforcement to BS 4449: 1969 | | | | |
| F | 16mm Bar | KG | | | |
| G | 12mm Bar | KG | 172 | 1,700 | 292,400 |
| H | 10mm Bar | KG | - | - | - |
| J | 6mm Bar | KG | 21 | 700 | 14,700 |
| K | Precast concrete to window cill reinforced with welded mesh and including formworks to fair face size 330 x 100mm thick | M | - | - | - |
| L | 100mm Diameter Black/Galvanized pipes 3M | | | | |

| | | | | | |
|---------------------------------------|---|---|----|--------|----------------|
| | height each with U – plate on top steel columns | M | 13 | 12,000 | 156,000 |
| | PG 2/1 | | | | |
| TOTAL ELEMENT NO. 2 TO SUMMARY | | | | | 789,100 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|---|------|-----|--------------|----------------|
| A | ELEMENT NO. 3 ROOFING Timber Trusses Treated softwood pressure impregnated With preservatives. 50 x 150mm Rafters | M | 152 | 1,000 | 152,000 |
| B | 50 x 150mm Tie beams | M | 43 | 1,000 | 43,000 |
| C | 50 x 100mm struts | M | 28 | 900 | 25,200 |
| D | 50 x 75mm Purlins | M | 137 | 800 | 109,600 |
| E | 25 x 250mm Barge board | M | - | - | - |
| F | 25 x 250mm Fascia board | M | 59 | 1,000 | 59,000 |
| G | ROOF COVERING. Galvanize corrugated iron sheets as manufactured by ALUCO overlapping 150mm end laps, sloping not exceeding 45 degree from horizontal:- 28 Gauge roofing sheets | SM | 98 | 4,000 | 392,000 |
| H | 28 Gauge ridge coping: 450mm Girth | M | 22 | 4,000 | 88,000 |
| J | Allow for supply and fixing of Glass fiber Reinforced plastic (GFRP) Translucent roofing sheets matching sizes of other roofing sheets | NO | - | - | - |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|---|------|-----|--------------|----------------|
| A | ELEMENT NO.4 WINDOWS. Prime Quality Hardwood – Mninga. 15 x 70mm Ground | M | - | - | - |
| B | 50 x 150mm Frames Plugged | M | 144 | 2,000 | 288,000 |
| C | 50 x 150mm Mullion | M | 61 | 2,000 | 122,000 |
| D | 50 x 150mm Transoms | M | 26 | 2,000 | 56,000 |

| | | | | | |
|---|---|----|-----|-------|---------|
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 16mm Diameter mild steel burglar Proofing bars to Windows including cutting length and fixing ends in timber hardwood | M | 120 | 1,000 | 120,000 |
| K | Supply and fix 2"x2" Mninga for glass panels | M | 79 | 1,200 | 94,888 |
| L | 5mm clear glass fixed to 2"x2" mninga frame | M2 | 48 | 2,500 | 120,000 |
| M | Supply and fix mosquito wire, Expanded metal in a single frame glass panels | M2 | 48 | 4,000 | 192,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|-----------|-------------|
| A | ELEMENT NO. 5 DOORS. Prime Quality Hardwood selected Mninga 15 x 70mm Ground | M | - | - | - |
| B | 50 x 150mm Frames Plugged | M | 69 | 2,000 | 138,000 |
| C | 50 x 150mm Mullion | M | 30 | 2,000 | 60,000 |
| D | 50 x 150mm Transomes | M | 16 | 2,000 | 32,000 |
| E | 20 x 40mm Architraves | M | - | - | - |
| F | 20 x 40mm Door stopper | M | - | - | - |
| G | 50mm Thick Panel door, comprising of 50 x 200mm Bottom rails, 50 x 200mm middle and top rails 25mm thick infill panels to overall size 900 x 2100 high | NO | 8 | 40,000 | 320,000 |
| H | Ditto overall size | NO | - | - | - |
| K | SUNDRIES. 16mm dia. Burglar proof bars including making holes as necessary | M | - | - | - |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|--|------|-----|--------------|----------------|
| A | Iron monger. Supply and fix the following iron monger UNION – EX U.K. to hardwood with matching screws. 3 – Lever “UNION” type mortice lock set complete with furniture and handles. | NO | - | - | - |
| B | 2 – Lever “UNION” type mortice lock set complete with furniture and handles | NO | 8 | 15,000 | 120,000 |
| C | 100mm Brass hinges fixed to door with matching screws | PSR | 18 | 1,000 | 18,000 |
| D | 150mm Brass flush bolts | NO | - | - | - |
| E | 150mm Barrel bolts | NO | | | |
| F | Rubber door stopper | NO | | | |
| TOTAL EMEMENT NO. 5 TO SUMMARY | | | | | 688,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 6: FINISHINGS. | | | | |
| | Floor Finishes | | | | |
| | In – situ finishing | | | | |
| | Cement and sand screed mix (1:3) | | | | |
| | incorporating an approved herded, steel | | | | |
| | trowel led to a smooth finish. | | | | |
| A | 40mm Floors and paving | SM | 144 | 3,000 | 432,000 |
| B | Ditto to steps | SM | 12 | 3,000 | 36,000 |
| C | 100mm High wall skirting | M | - | - | - |
| | Wall Finishes. | | | | |
| | 25mm Thick two coat work plaster | | | | |
| | comprising of 20mm thick cement and | | | | |
| | sand mortar (1:4) and 5mm finish coast | | | | |
| | of cement lime mix (1:6) smooth finish. | | | | |
| D | To walls internally | SM | 205 | 2,000 | 41,000 |
| E | To walls externally | SM | 160 | 2,000 | 320,000 |
| F | Ditto to windows calls | M | | | |
| | White glazed ceramic wall tiles cushion | | | | |
| | edges to BS 1283 fixed to backings with | | | | |
| | adhesive and pointed with white cement. | | | | |
| G | 150 x 150 x 6mm Timing to walls | SM | 76 | 1,000 | 76,000 |

| | | | | | |
|-----------------------------------|---------------|---|---|-------|------------------|
| H | Rounded edges | M | 4 | 1,000 | 4,000 |
| TOTAL PG 6/1 TO COLLECTION | | | | | 1,188,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|---|------|-----|--------------|------------------|
| A | FINISHINGS CONT D Ceiling Finishes. 10mm Thick chipboard hardboard (B.S. 2604) ceiling fixed on brandering with ceiling nails, V- jointed at joints | SM | 144 | 2,000 | 288,000 |
| B | Soft wood pressure impregnated with preservative. 50 x 100mm Ceiling joints | M | 76 | 1,000 | 76,000 |
| C | 50 x 75mm Brandering | M | 80 | 800 | 64,000 |
| D | 50 x 50mm Softwood cornices | M | 52 | 500 | 26,000 |
| TOTAL ELEMENT NO. 6 TO SUMMARY | | | | | 1,634,000 |

| ITEM | DESCRIPTION | UNIT | QTY | RATE TSHS | AMOUNT TSHS |
|---------------------------------------|--|------|-----|--------------|----------------|
| | ELEMENT NO. 7 PAINTING AND DECORATIONS Prepare and apply one under coat and three finishing coats of emulsion paint to. | | | | |
| A | Walls internally | SM | 205 | 1,0000 | 205,000 |
| B | Walls externally | SM | 163 | 1,000 | 163,000 |
| C | Ceiling board | SM | | - | - |
| D | Prepare and apply one primer coat and three finishing coasts of high gloss paint to Walls skirting internally | SM | 28 | 1,200 | 33,600 |
| E | Walls skirting externally | SM | - | - | - |
| F | General surface of wood works to door | SM | 39 | 1,200 | 46,800 |
| G | Fascia board | SM | 26 | 1,200 | 31,200 |
| H | Barge board | SM | - | - | - |
| TOTAL ELEMENT NO. 7 TO SUMMARY | | | | | 479,600 |

ELEMENT NO. 8 PLUMBING INSTALLATION.

| ITEM | WORKS DESCRIPTION | UNIT | QUAN TITY | RATE | AMOUNT |
|------|---|------|--------------|--------|---------|
| A | SEPTIC TANK AND SOAK AWAY PIT. Excavate septic tank size 3.4 x 1.5x2M | M3 | 16 | 1,000 | 16,000 |
| B | Excavate soak way pits size 3 M Ø, 4M | M3 | 21 | 1,000 | 21,000 |
| C | CONCRETE WORKS. Lay 10mm thick plan concrete base foundation (1:3:6) for both septic and soak away pits. | M3 | 5.4 | 50,000 | 270,000 |
| D | Lay 150mm thick Reinforced concrete grade 20 suspended slab for both septic and soak pit | M3 | 2.3 | 60,000 | 138,000 |
| E | Provide 12mm Ø high tensile bar reinforcements for both | Kg | 62 | 1,000 | 62,000 |
| F | Provide 6mm Reinforcement bars | Kg | 25 | 1,000 | 25,000 |
| G | Provide wire mesh for both | Kg | 14 | 2,000 | 28,000 |
| H | Provide sawn forma work to horizontal soffits of suspended concrete slab your both | M | 80 | 1,000 | 80,000 |
| I | BLOCK WORK. Provide and lay 23mm thick 1:8 cement/sand block wall, bedded and jointed in cement/sand mortar | M2 | 24 | 5,000 | 120,000 |
| J | Provide and lay 30mm thick cement/sand (1:4) flooring and rendering to ceiling of suspended concrete slab | M2 | 14 | 4,000 | 56,000 |
| K | WATER SUPPLY SYSTEM. Supply and fix 1" poly thane pipes including all necessary accessories pipes laid in the trenches | M | 102 | 600 | 61,200 |
| L | Supply and fix ½ " galvanized steel pipes laid in the trenches | M | 60 | 2,300 | 138,000 |
| M | Provided and install W. Cs pans in toilets including all necessary accessories and fittings | Pcs | 6 | 30,000 | 180,000 |
| N | Supply and install ceramic hard washing sinks with all necessary fittings and necessities | Pcs | 4 | 25,000 | 100,000 |
| O | Supply and fix wall tiles in toilets and to the washing sinks | M2 | 60 | 5,000 | 300,000 |
| P | Supply P.V.C pipes 4" Ø fixed to toilets with all necessary fittings. | M | 36 | 2,000 | 72,000 |
| R | Lay 150mm thick block walls inspection chambers Rendered internally with concrete cover | M2 | 12 | 4,000 | 48,000 |
| Q | Supply and install 3000 lts capacity SIM | | | | |

| | | | | | |
|---|--|-----|---|---------|------------------|
| | TANK including fixing inlet pipes, overflow and wash out, pipes connecting to water supply to building | Pcs | 2 | 100,000 | 200,000 |
| U | Supply and install union sinks in male toilets | Pcs | 5 | 14,000 | 70,000 |
| | TOTAL ELEMENT NO. 8 TO SUMMARY | | | | 1,985,200 |

9. ELECTRICAL INSTALLATION.

| | CONDUCT PIPE | QUANTITY | RATE | AMOUNT |
|-------|-------------------------|----------|--------|----------------|
| 10.1 | CONDUCT PIPE | 10 | 500 | 5,000 |
| 10.2 | METAL BOX | 20 | 500 | 10,000 |
| 10.3 | 2 GANG SWITCH | 6 | 1,000 | 6,000 |
| 10.4 | 3 GANG SWITCH | 2 | 1,500 | 3,000 |
| 10.5 | 1 GANG SWITCH | 5 | 1,000 | 5,000 |
| 10.6 | SWITCH SOCKET | 10 | 1,000 | 10,000 |
| 10.7 | 1.5 MM2 CABLE WWIRE | 100 | 200 | 20,000 |
| 10.8 | 2.5MM2 MITAA CABLE WIRW | 50 | 570 | 28,000 |
| 10.9 | TUBE LIGHT 3 FT | 10 | 5,000 | 50,000 |
| 10.10 | TUBE LIGHT 2 FT | 6 | 400 | 24,000 |
| 10.11 | LAMP HOLDER | 8 | 1,200 | 9,600 |
| 10.12 | EARTH RODE | 1 | 3,000 | 3,000 |
| 10.13 | JUNCTION BOX | 14 | 1,000 | 14,000 |
| 10.14 | EARTH WIRE MT | 20 | 200 | 4,000 |
| 10.15 | SADDLE CLIPS | 6 | 200 | 1,200 |
| 10.16 | MAIN SWITCH 4 WAY | 1 | 30,000 | 30,000 |
| 10.17 | CIRCUIT BREAKER | 1 | 14,000 | 15,000 |
| 10.18 | MISUMARI "1" | 1 KG | 1,000 | 1,000 |
| | Sub Total | | | 139,300 |
| | LABOUR CHARGE | | | 125,000 |
| | SUB TOTAL | | | 264,300 |

SUMMARY OF MEASURED WORKS.

| | | |
|---|--|------------------|
| A | Element No. 1, Substructure | 1,463,860 |
| B | Element NO. 2, Superstructure | 989,100 |
| C | Element No. 3, Roofing | 868,800 |
| D | Element No. 4, Windows | 992,800 |
| E | Element No. 5, Doors | 688,000 |
| F | Element No. 6, Finishing | 1,634,000 |
| G | Element No. 7, Painting and Decoration | 479,600 |
| H | Element No. 8 Plumbing installation | 1,985,200 |
| I | Element No. 9 Electrical Installation | 264,300 |
| | TOTAL MEASURED WORKS TO GENERAL SUMMARY | 9,373,660 |

A SAMPLE OF A QUESTIONNAIRE (IN KISWAHILI VERSION)

HOJAJI ILI KUPATA MTAZAMO WA JAMII KUHUSU KITUO CHA ELIMU YA AWALI CHA FAIR MONTESSORI

MAELEZO

Unaombwa ujaze jibu sahihi kwa kila swali katika sehemu iliyoachwa wazi kwa kuweka vema kulingana na uelewa wako. Pia unahakikishiwa kuwa maelezo haya hayatapewa mtu mwingine bila kibali chako.

MASWALI

1. Jina lako.....
2. Jinsi yako Me..... Ke.....
3. Umri wako ni miaka mingapi?.....
4. Habari za ndoa; je
Umeoa...../Olewa...../Hapana.....
5. Mahali unapoishi
-Kitongoji.....
Kijiji.....
6. Kazi yako; Mkulima.....Biashara.....Kazi za
ofisi.....
7. Idadi ya watoto waliopo katika
kaya.....

8. Idadi ya watoto wenye umri wa miaka kati 2hadi 6 ni(Me... na Ke....)
9. Je unao watoto wangapi wenye umri kati ya miaka 2 hadi 6 walionadikishwa katika shule ya awali?.....(Me.../ Ke...)
10. Je unao watoto wangapi wenye umri wa kuandikishwa katika shule ya elimu ya awali (miaka 2- 6) ambao hawajaandikishwa(Me...../ Ke.....)
11. Kati ya sababu zifuatazo, ni zipi ambazo zinasababisha mototo/watoto wako wasiandikishwe katika masomo ya awali?
- Ukosefu wa vituo vya elimu ya awali vyenye nafasi ya kutosha.....
 - Kutomudu gharama za ada
.....
 - Hakuna umuhimu kwa mototo/watoto kusoma kusoma elimu ya awali.....
 - Sababu nyinginezo (tafadhali zieleze)
.....
.....
12. Je, unaweza kusema nini kuhusu huduma za kituo cha elimu ya awali cha Fair Montessori?
Nzuri.....
Siyo nzuri.....
13. Kama huduma ni nzuri, unavutiwa na kitu gain?
- Huduma zitolewazo na kituo ni bora
 - Ukaribu uliopo kati yake na maeneo ya wanapoishi watoto.
 - Kiwango cha ada wanayotoza ni ya kawaida.

- Sababu nyinginezo

(eleza).....
.....
.....

14.Je kama unasema huduma siyo nzuri, ni mambo gani ambayo hayakuridhishi? (eleza)

.....
.....
.....

A SAMPLE OF A QUESTIONNAIRE (IN ENGLISH VERSION)

A QUESTIONNAIRE TO SEEK COMMUNITY'S FEELINGS ON THE FAIR MONTESSORI DAY CARE CENTRE

INSTRUCTION: -Your requested to fill in a true and appropriate answer, according to your understanding. You will give your answer by filling in the blanks by putting a tick mark against the answer, which you think is relevant to the question concerned, and anonymity is granted.

QUESTIONS

1. Name.....
.....
2. Sex
Male...../Female.....
3. Age.....Years
4. Marital status:-
Married...../Single.....
5. Area of residence:-
Hamlet.....Village.....
6. Occupation:- Farmer...../Business...../Government
employee.....
7. How many children are there in the house
hold?.....(Boys...../Girls.....)
8. How many are between 2 to 6 years of
age?.....(Boys...../Girls.....)
9. How many of these children in N0.8 are enrolled for pre- primary school
education...(Boys..../Girls...)
10. How many children who are eligible to be enrolled for pre-school education (2-6
years) are currently not
enrolled?.....(Boys...../Girls.....)

11. Among of the following causes/factors which one is responsible for your child/children not to be enrolled?

- There are few child care/pre-school centers with few chances.
- Not so much important for children to attend pre-primary classes.
- Lack of money to pay school fees.
- Others (Please explain)

.....

12. How do you comment on the quality of services offered by the Fair Montessori center

- Good.....
- Not satisfactory.....

13. If you are satisfied with the services of Fair Montessori day care, what factors makes you being Satisfied?

- Quality of services offered by the center.
- The center is closer to children's residence hence minimizes risks to children.
- Affordable school fees charged by the center.
- Other reasons (Explain)

.....

14. If you are not satisfied with the services at the Fair Montessori center, please explain why

.....

.....

.....

.....

| st | age | residence | chhhhold | noeligh | centname | chhenrol | occupa | sex | marstat | quarrev | profur | noiprofer | importan | roadness |
|----|-----|-----------|----------|---------|----------|----------|--------|-----|---------|---------|--------|-----------|----------|----------|
| 1 | 25 | Igogo A | 0 | 0 | 3 | 0 | B | M | s | S | 3 | 3 | I | 1 |
| 2 | 23 | Ibageni | 0 | 0 | 3 | 0 | B | M | s | S | 3 | 3 | I | 2 |
| 3 | 60 | Ibageni | 0 | 2 | 3 | 0 | Fa | M | m | G | 3 | 3 | I | 1 |
| 4 | 31 | Mission | 1 | 3 | 2 | 0 | W | M | m | G | 3 | 3 | I | 1 |
| 5 | 27 | Posta | 1 | 2 | 1 | 0 | W | M | m | P | 1 | 1 | I | 1 |
| 6 | 40 | Mission | 1 | 4 | 2 | 0 | W | M | m | G | 3 | 3 | I | 1 |
| 7 | 26 | Ibageni | 1 | 2 | 3 | 0 | W | M | m | S | 3 | 3 | S | 1 |
| 8 | 50 | Igogo B | 2 | 0 | 3 | 0 | Fa | M | m | S | 3 | 3 | I | 1 |
| 9 | 32 | Mgomban | 2 | 2 | 2 | 0 | W | M | m | P | 3 | 3 | I | 1 |
| 10 | 30 | Mission | 2 | 2 | 1 | 0 | W | M | m | G | 1 | 1 | I | 1 |
| 11 | 43 | Posta | 2 | 1 | 1 | 0 | W | M | m | G | 3 | 3 | I | 1 |
| 12 | 27 | Mgomban | 2 | 1 | 1 | 0 | W | F | s | G | 3 | 3 | I | 1 |
| 13 | 35 | Posta | 2 | 1 | 1 | 0 | B | F | s | P | 1 | 1 | No | 1 |
| 14 | 29 | Mgomban | 2 | 1 | 3 | 2 | Fa | F | s | S | 3 | 3 | I | 1 |
| 15 | 30 | Igogo A | 2 | 2 | 1 | 0 | W | M | m | G | 1 | 3 | I | 1 |
| 16 | 48 | Mission | 3 | 3 | 1 | 0 | W | M | m | G | 1 | 1 | I | 1 |
| 17 | 50 | Mission | 3 | 1 | 1 | 0 | W | M | m | S | 1 | 1 | I | 1 |
| 18 | 45 | Mgomban | 3 | 2 | 1 | 0 | W | F | s | G | 3 | 3 | I | 1 |
| 19 | 28 | Igogo B | 3 | 1 | 1 | 0 | Fa | M | m | P | 2 | 2 | I | 1 |
| 20 | 30 | Mission | 3 | 2 | 1 | 0 | Fa | M | m | G | 3 | 3 | I | 1 |
| 21 | 52 | Ibageni | 4 | 0 | 1 | 0 | Fa | M | m | P | 2 | 2 | I | 1 |
| 22 | 34 | Igogo B | 4 | 1 | 1 | 1 | Fa | M | m | G | 3 | 1 | I | 1 |
| 23 | 56 | Igogo B | 4 | 0 | 1 | 1 | Fa | M | m | G | 1 | 1 | I | 1 |
| 24 | 41 | Posta | 4 | 2 | 1 | 0 | W | F | s | P | 1 | 1 | I | 1 |
| 25 | 36 | Mgomban | 4 | 2 | 1 | 1 | Fa | M | m | G | 1 | 1 | I | 1 |
| 26 | 48 | Mgomban | 5 | 0 | 3 | 0 | B | M | m | S | 4 | 3 | S | 1 |
| 27 | 30 | Ibageni | 5 | 0 | 3 | 2 | Fa | M | m | S | 3 | 3 | I | 1 |
| 28 | 34 | Ibageni | 5 | 1 | 2 | 0 | Fa | M | m | G | 1 | 1 | I | 1 |
| 29 | 34 | Mission | 5 | 2 | 1 | 0 | B | M | m | P | 1 | 1 | I | 1 |
| 30 | 39 | Posta | 5 | 3 | 1 | 1 | B | F | s | G | 3 | 2 | I | 1 |
| 31 | 44 | Ibageni | 6 | 1 | 1 | 0 | B | M | m | G | 1 | 1 | I | 1 |
| 32 | 46 | Posta | 6 | 0 | 1 | 1 | Fa | M | m | G | 2 | 1 | I | 1 |
| 33 | 34 | Mission | 6 | 0 | 1 | 1 | Fa | M | m | P | 2 | 2 | I | 1 |
| 34 | 39 | Mission | 6 | 0 | 1 | 1 | Fa | M | m | G | 3 | 3 | I | 1 |
| 35 | 42 | Igogo B | 6 | 1 | 1 | 0 | B | F | m | G | 3 | 3 | I | 1 |
| 36 | 47 | Posta | 7 | 0 | 3 | 2 | Fa | M | m | S | 3 | 3 | No | 2 |
| 37 | 43 | Igogo A | 8 | 0 | 3 | 3 | Fa | F | s | S | 3 | 3 | I | 1 |

ABBREVIATION FOR THE ASSIGNED VALUES

- Id..... Respondent's identity
- Age.....Respondent' age in years
- Residence.....Area, which a respondent resides
- Noeligch.....No of children eligible to be enrolled for pre- school education
- Chihhold.....No of children in a household
- Noelich.....No. of children enrolled for pre-primary classes
- Centname.....Name of care center which a child of a particular household is enrolled.
- Chnenroll.....Children not enrolled but eligible
- Occupation.....The sector which the respondent is employed.
- B for business
 - W for worker (official/formal)
 - Fa for farmer.
- Sex.....Biological make up of respondent
- M for male
 - F for female
- Maristat.....Marital status of respondent
- M for married
 - S for single
- Quarsev;
- G for good
 - P for poor
 - S for single
- Prefer...reasons for preference of the exiting Fair Montessori care center;
- 1 for good services
 - 2 for the center being near homes that reduces risks for children on their way .
 - 3 for low/affordable fees.
 - 4 for none.
- Nonprefer...reasons for not satisfied by the Fair Montessori Center (FWF)
- 1 for u conducive/too small classrooms.
 - 2 for poor services
 - 3 for silent
- Importan.....Is the care center important for community development?
- Yes for important
 - No for not important
 - S for silent
- Readness.....If community members are ready to contribute and participate Ito construct a
- new cent
- 1 for who said their ready
 - 2 for not ready
 - 3 for sile

SENGEREMA DISTRICT COUNCIL

**P.O.BOX 175
SENGEREMA
15th September 2003**

**DIRECTOR
FAIR WORLD FOUNDATION
P.O.BOX316**

RE:-REQUEST FOR COOPERATION IN PURSUING DEVELOPMENT ISSUES.

Please, humbly I am asking you to refer to the above heading.
I take this opportunity to let you know that I am pursuing a course called MSC CED offered by Southern New Hampshire University at Open University of Tanzania. As one of course requirement, I have to cooperate with one Community Based Organization in one of the following areas;

- Survey design
- Survey analysis
- Proposal writing
- Program/project design
- Designing of training package
- Strategic planning.

The aim here is to translate theoretical skills taught in classes into practical reality in the field by the use of CBO interventions, which is a policy of the CED Program.
Fortunately it has come into my notice that FWF is one of the CBO within Sengerema, which has made a lot of achievement in a number of fields.

I will be very much grateful if you will soon respond to this issue in writing. In your response I would also like to have the following basic information;

- Area, which you need me to cooperate with you among of the above, mentioned list.
- The date which organization leadership will be ready to meet with me.
- The information package you have.
- Who will be the contact person and means, which I can use in case I am need of him?

Finally, the minimum time I am supposed to work with you is 18 months and I will offer my service for free.

Thank you in advance, while hoping for a close cooperation.

MBANGA R.N (CED STUDENT)



P. O. Box 316 Sengerema.

Ref. FWF/SENG/I

22nd SEPT. 2003

MBANGA, R.N.
(MSC. CED PARTICIPANT)
P.O. BOX 175,
SENGEREMA.

Dear Mr. Mbanga,

RE: COOPERATION IN DEVELOPMENT ISSUES

I am in a receipt of your letter with ref. No. SDC/D.30/I76/45 of 15th Sept. 2003. That very letter I received on 21st Sept. 2003. I was out of the office for at least a month.

My office directly honours your request and invites you to work with it on "Proposal writting". We have actually done a lot in persuing preparatory education to young kids and we now resolve to extend our efforts to secure materials and finance from any possible donors, and we believe that through your expertse we can join hands in making eligible proposals for support of our institution.

For the moment, I plan to meet you in your office on Wednesday, 24/9/03 at 9.30 am to arrange for further contact. Your contact person will be MR. Hamis Masanja Kasoro who is the Director for FWF. We can use direct contact whenever you are in need to do so.

I attach the "get to know FWF" information for your better understanding on our NGO.

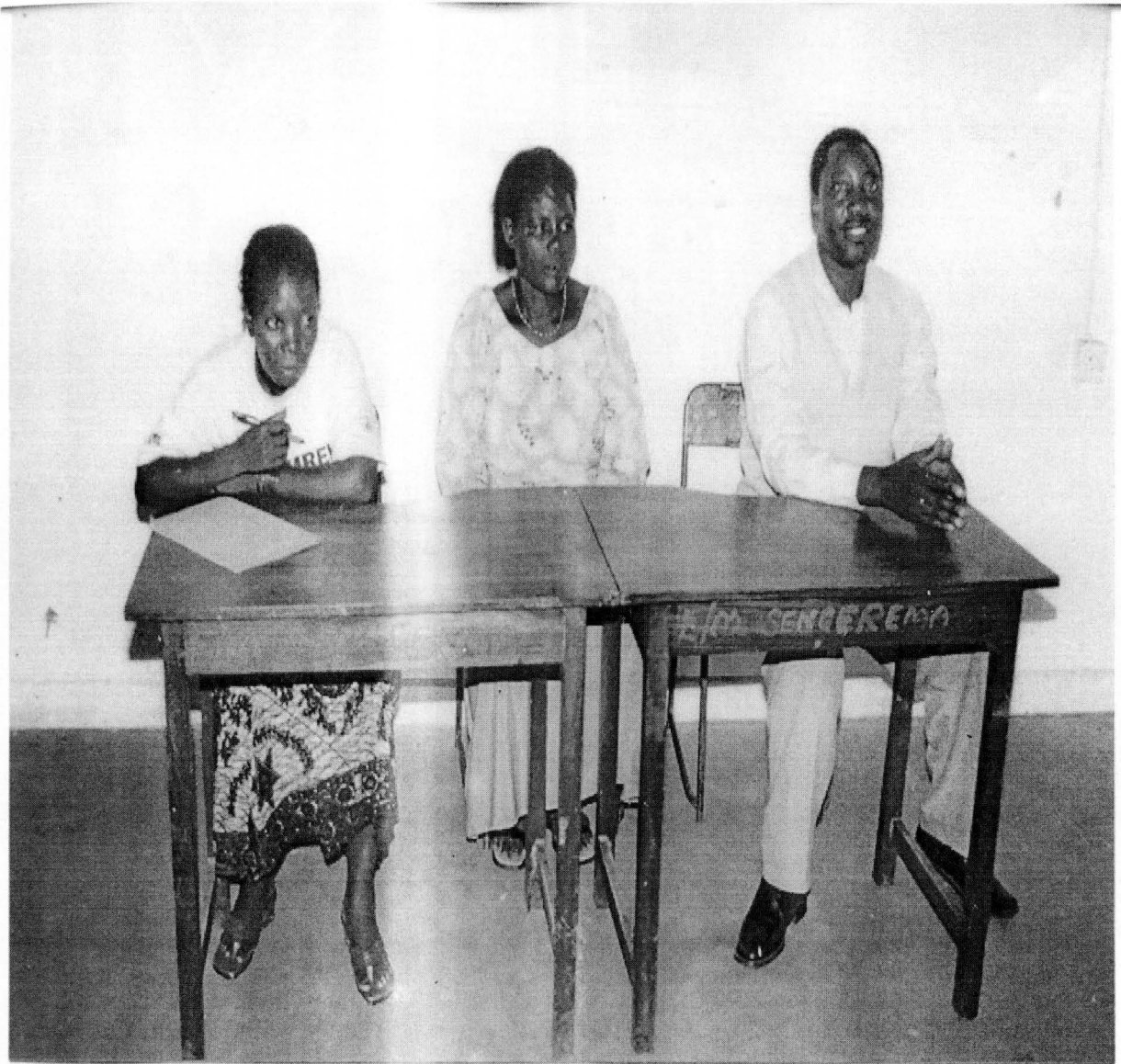
Finally, I assure you a firm and closer cooperation during your 18 months study with FWF. I gratefully appreciate your free of charge service over the period. You are warmly invited.

Yours in positive cooperation.

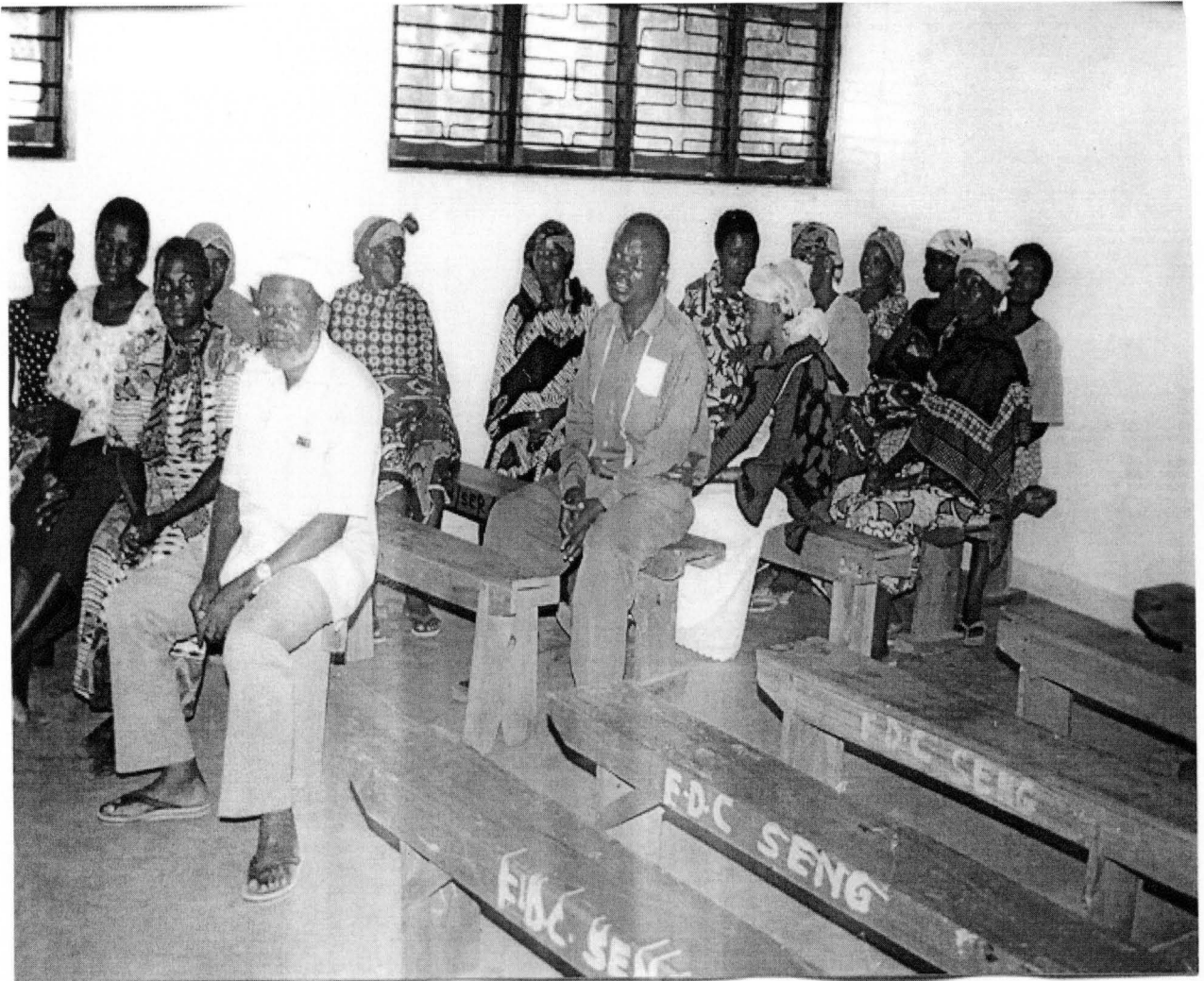
Hamis Masanja
H.M. KASORO
DIRECTOR - FWF

All correspon: lence to be addressed to Director

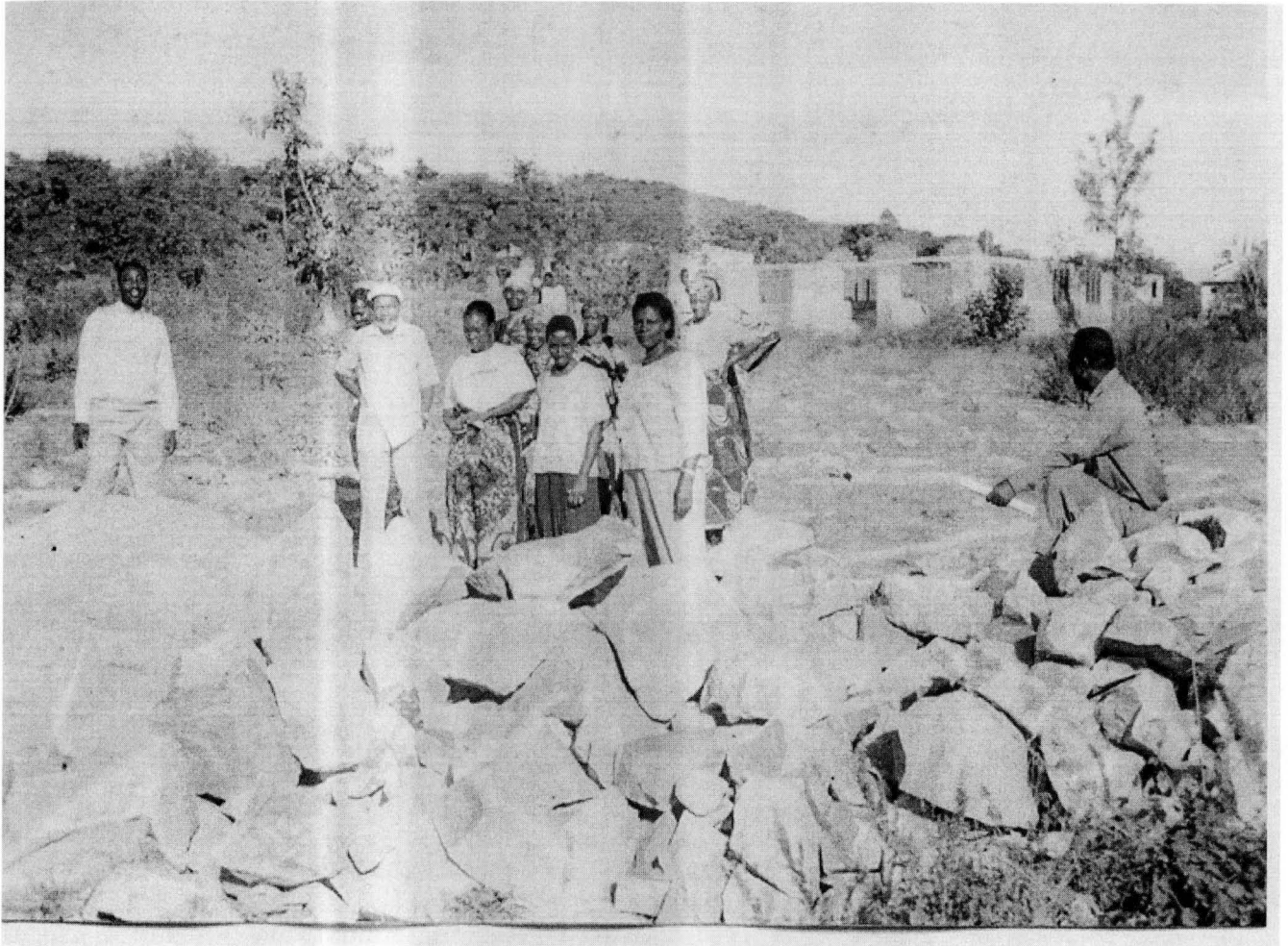
APPENDIX 15: - PICTURES TO SHOW VARIOUS EVENTS ABOUT COMMUNITY PARTICIPATION DURING IMPLEMENTATION



Chairperson, Secretary of the construction committee and the CED participant attending one of monthly stakeholders meetings. The secretary was presenting a progress report about construction of the center.



The above group picture shows a portion of community members paying attention and listening to a presentation on construction progress report, which was made by the secretary of the construction committee. Nov. 2004



In the picture above, community and CBO members inspecting some of the construction materials (stones and morum) at site where a day care centre is to be constructed. This was after holding a monthly meeting on 4th December 2004.



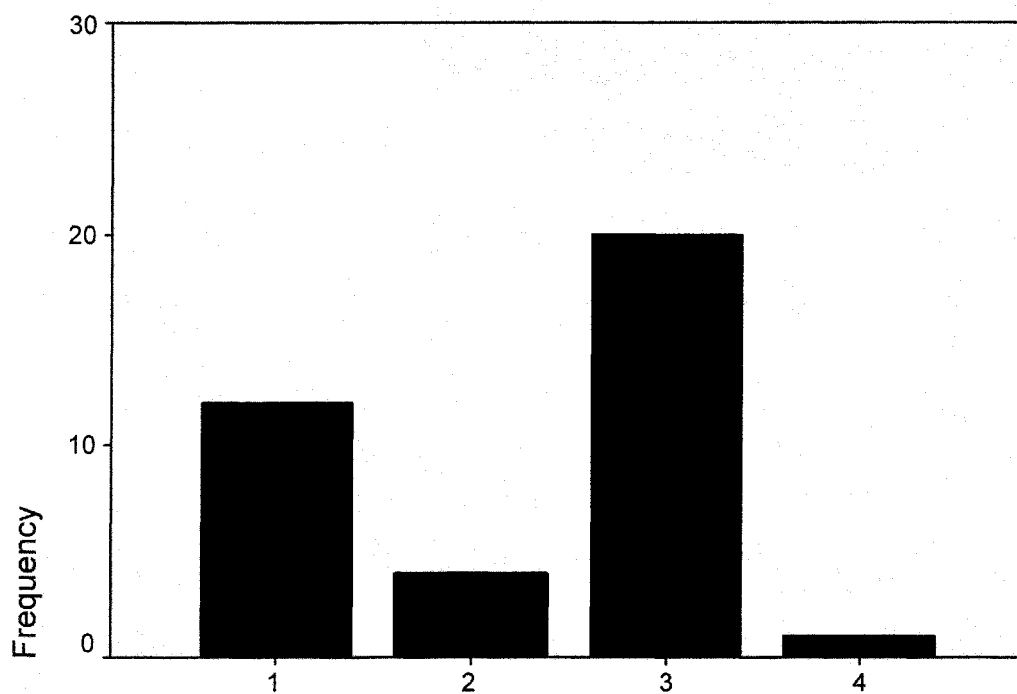
In the picture above, community and CBO members looking busy when they were putting the burnt /backed bricks in a good order before they are used for construction of a day care centre at a new site. This event took place during the monthly meeting, which was held on 4th December 2004.

APPENDIX 16: - DATA ANALYSIS AND PRESENTATION (QUALITATIVE ANALYSIS)

Reasons for preference of Fair Montessori care center.

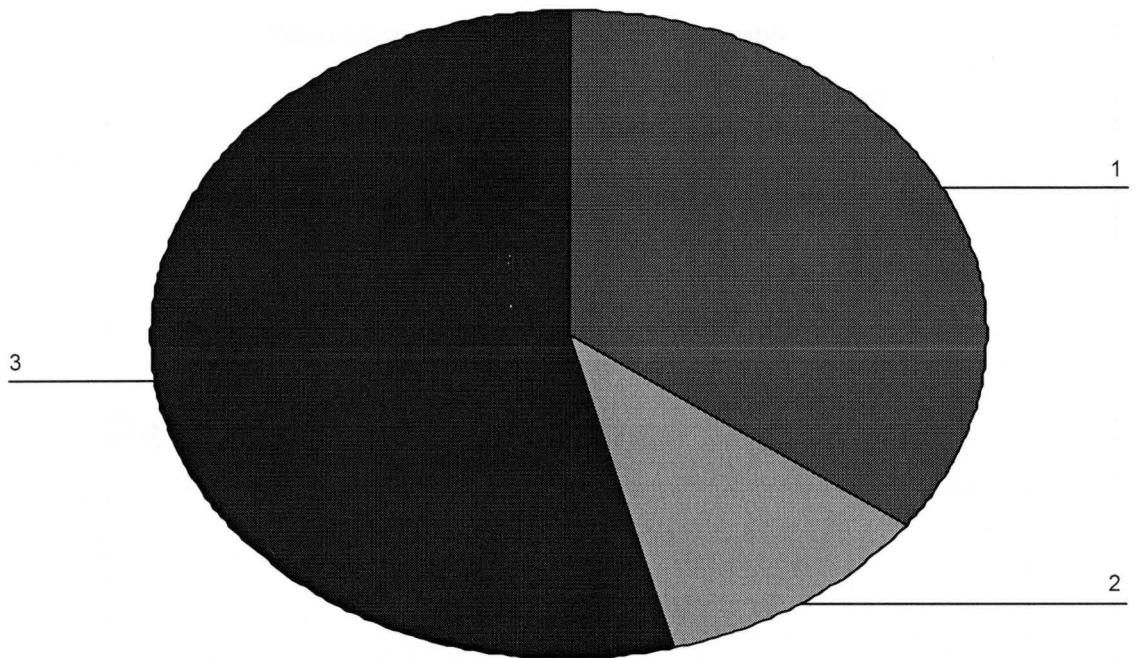
| | | Frequency | Percent Valid | Percent | Cumulative Percent |
|-------|-------|-----------|---------------|---------|--------------------|
| Valid | 1 | 12 | 32.4 | 32.4 | 32.4 |
| | 2 | 4 | 10.8 | 10.8 | 43.2 |
| | 3 | 20 | 54.1 | 54.1 | 97.3 |
| | 4 | 1 | 2.7 | 2.7 | 100.0 |
| | Total | 37 | 100.0 | 100.0 | |

Preference for Fair Montessori care center



Reasons for preference of Fair Montessori care center.

Reasons for non preference of the center



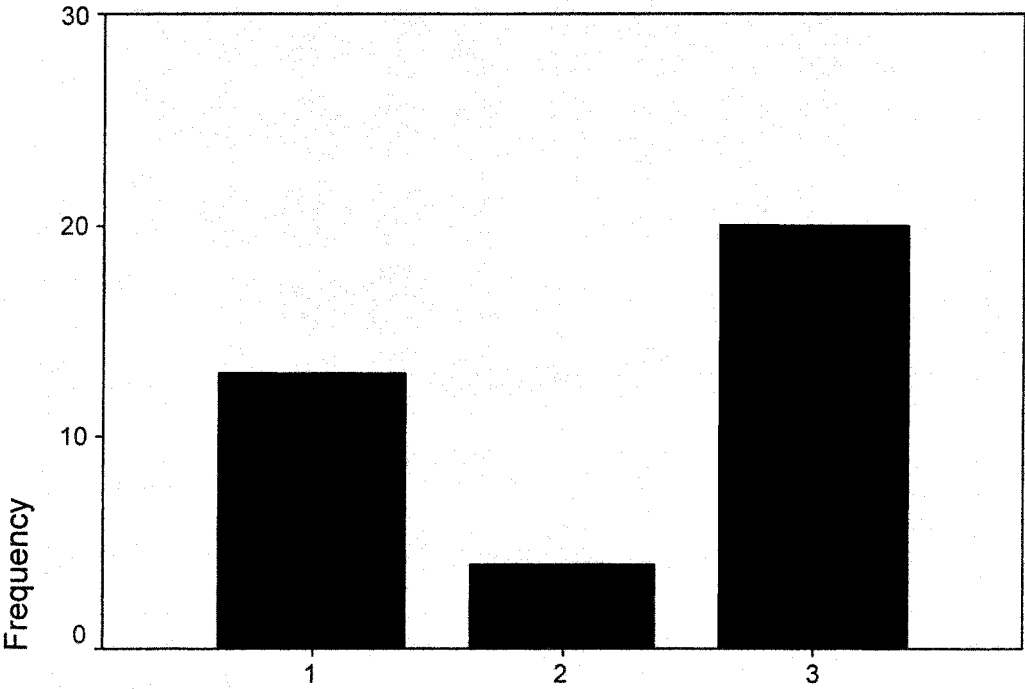
KEY:-

- 1 For good services.
- 2 For the Center being near home.
- 3 For low fees charged by the Center.

Reasons for non-preference of the center

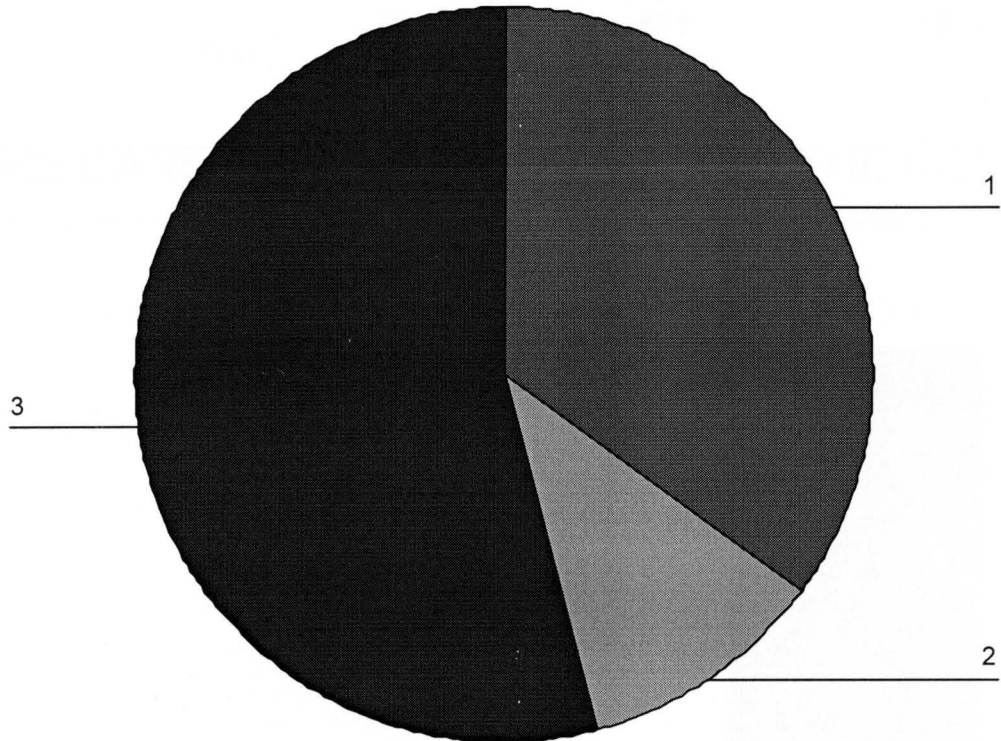
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|------------------|-----------------------|
| Valid | 1 | 13 | 35.1 | 35.1 | 35.1 |
| | 2 | 4 | 10.8 | 10.8 | 45.9 |
| | 3 | 20 | 54.1 | 54.1 | 100.0 |
| | Total | 37 | 100.0 | 100.0 | |

Reasons for non preference of the center



Reasons for non preference of the center

Reasons for non preference of the center

**KEY:-**

1 For poor/non spacious classrooms

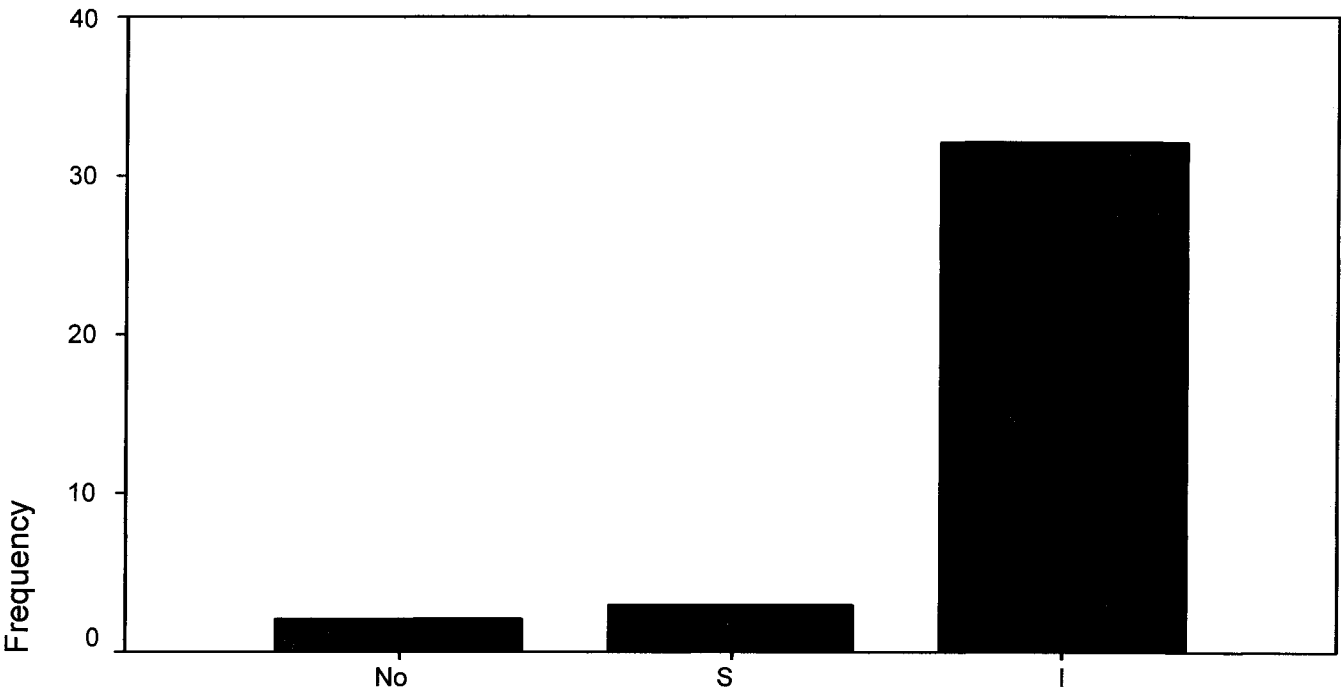
2 For poor services

3 For respondents who remained silent

Is the day care important for community development?

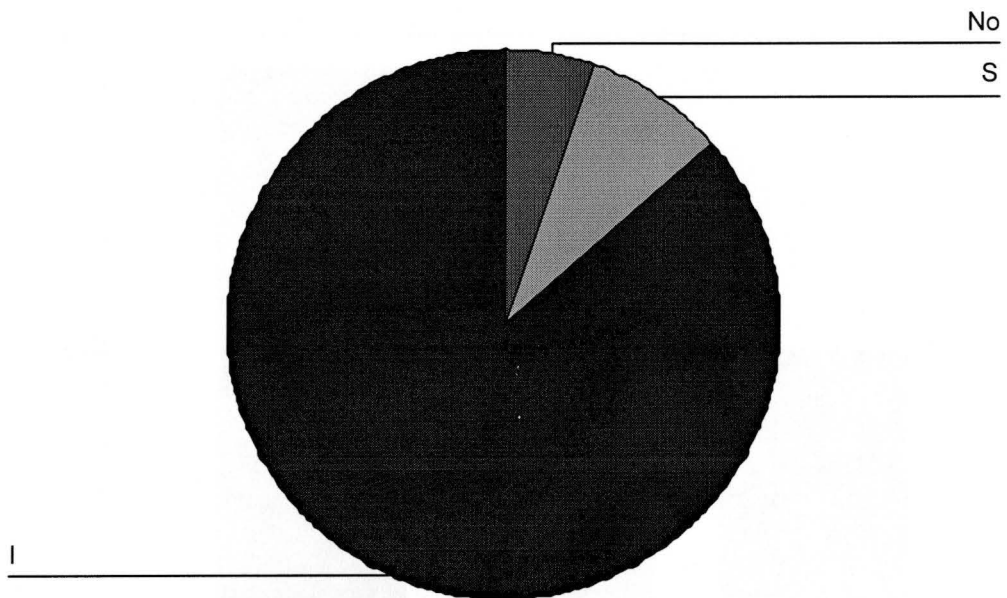
| | | Frequency | Percent Valid | Percent | Cumulative Percent |
|-------|-------|-----------|---------------|---------|--------------------|
| Valid | No | 2 | 5.4 | 5.4 | 5.4 |
| | S | 3 | 8.1 | 8.1 | 13.5 |
| | I | 32 | 86.5 | 86.5 | 100.0 |
| | Total | 37 | 100.0 | 100.0 | |

IS THE CARE CENTER IMPORTANT TO THE COMMUNITY?



Is the day care important forcommunity developmen?

Is the day care important for community developmen?



KEY:-

No for not important

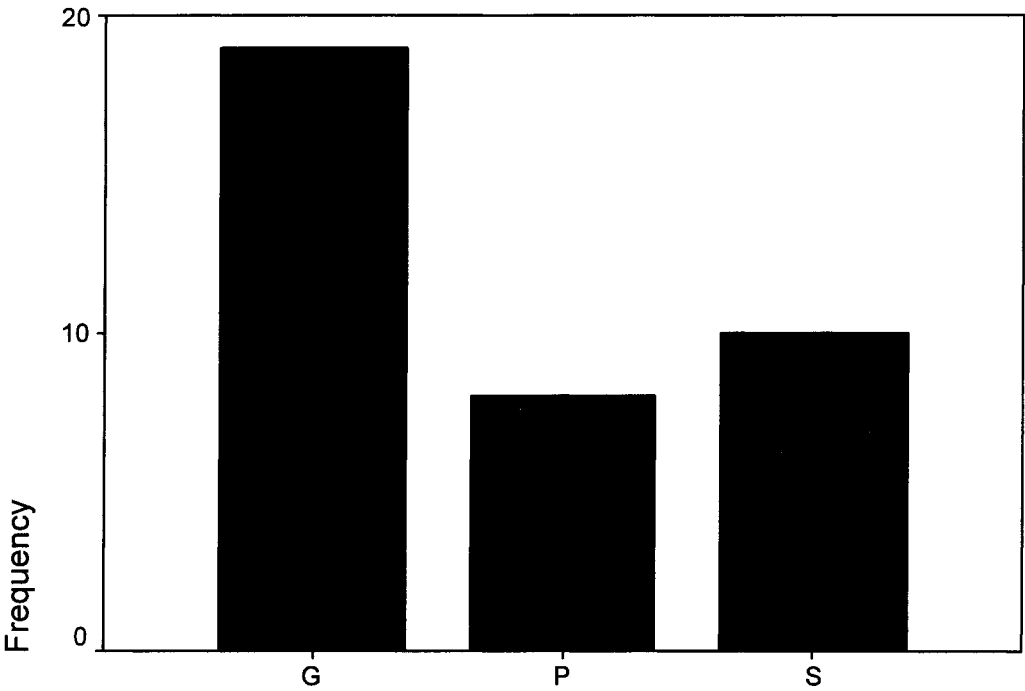
S for silent

I for Yes (important)

Quality of service at Fair Montessori center

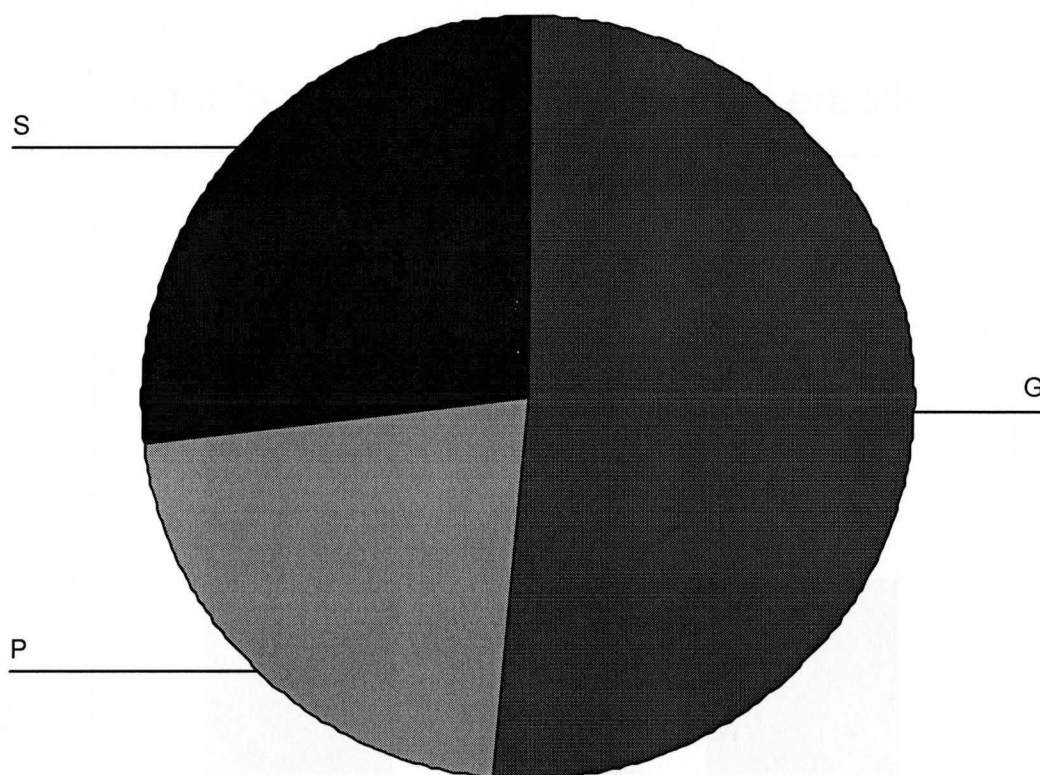
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | G | 19 | 51.4 | 51.4 | 51.4 |
| | P | 8 | 21.6 | 21.6 | 73.0 |
| | S | 10 | 27.0 | 27.0 | 100.0 |
| | Total | 37 | 100.0 | 100.0 | |

Quality of service at Fair Montessori center



Quality of service at Fair Montessori center

Quality of service at Fair Montessori center

**KEY:-**

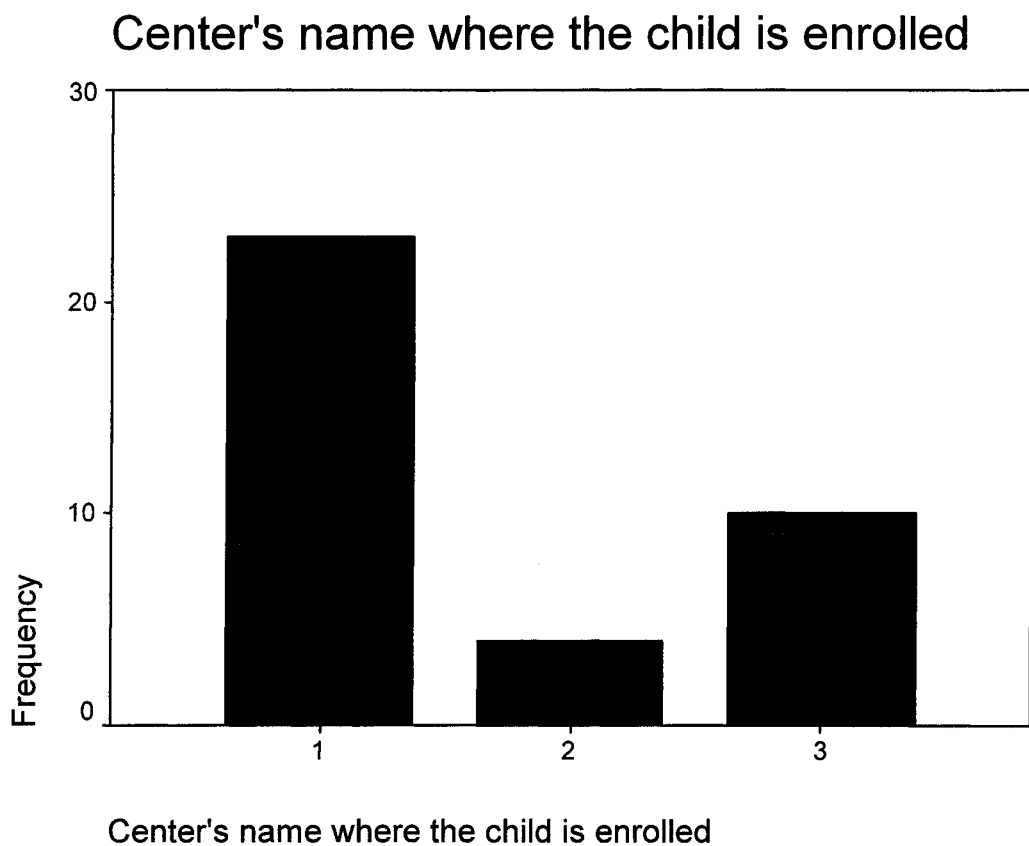
G for good services.

P for poor services.

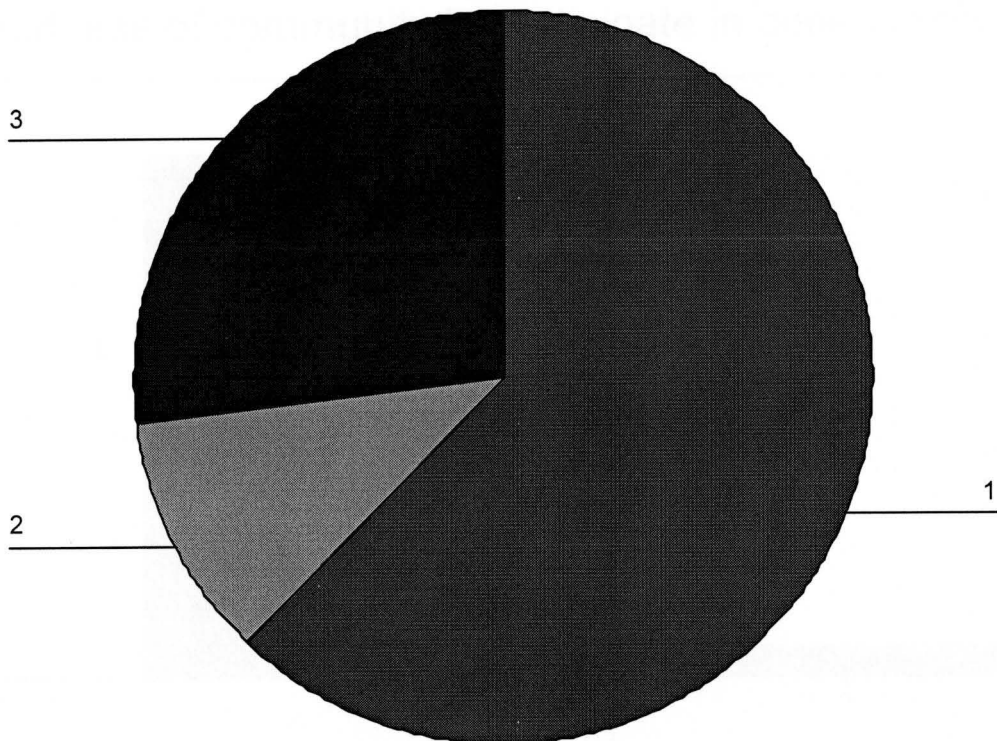
S for participants who remained silent.

Center's name where the child is enrolled

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 | 23 | 62.2 | 62.2 | 62.2 |
| | 2 | 4 | 10.8 | 10.8 | 73.0 |
| | 3 | 10 | 27.0 | 27.0 | 100.0 |
| | Total | 37 | 100.0 | 100.0 | |



Center's name where the child is enrolled



KEY:-

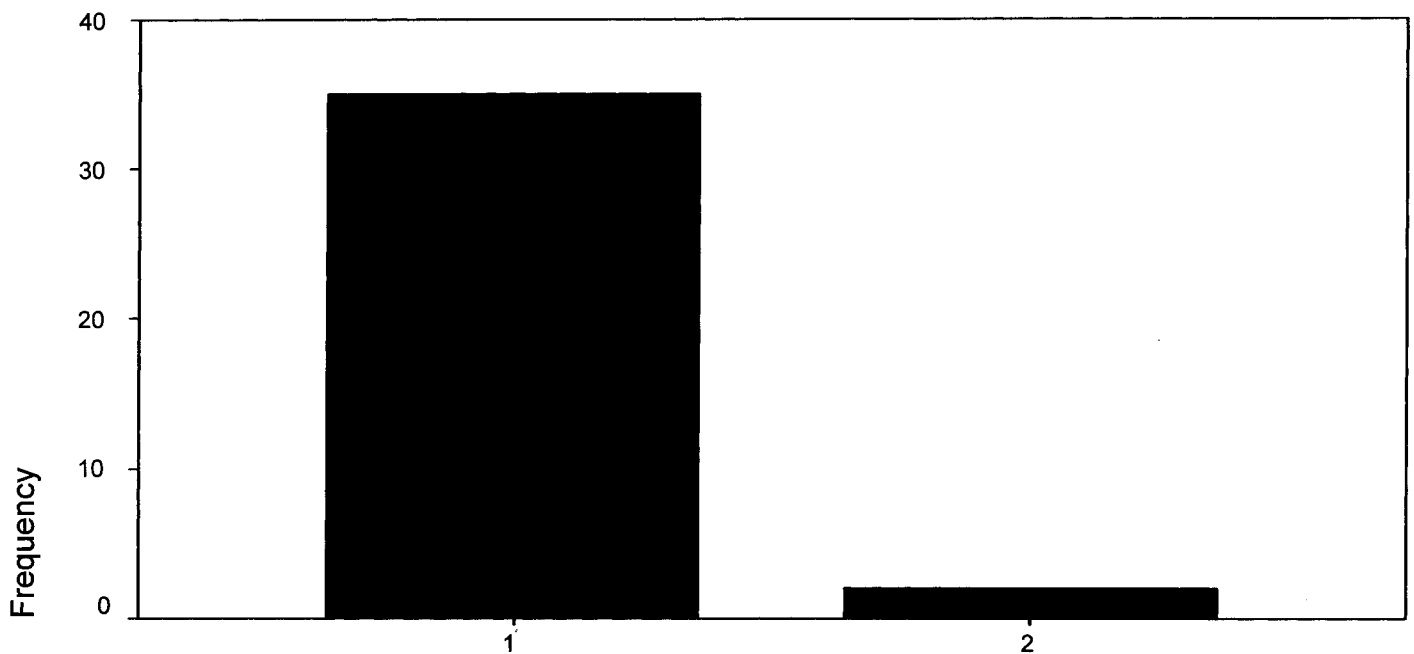
1 for Fair Montessori Center.

2 for others.

3 for none.

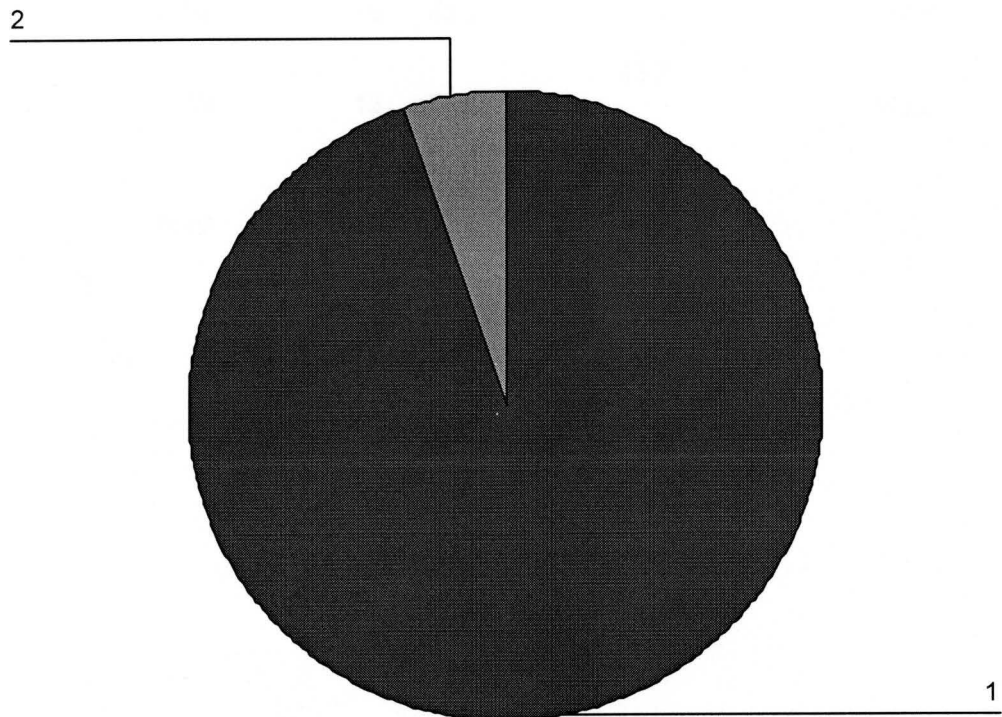
Are you ready to contribute and participate in construction of a new center?

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | 1 | 35 | 94.6 | 94.6 | 94.6 |
| | 2 | 2 | 5.4 | 5.4 | 100.0 |
| | Total | 37 | 100.0 | 100.0 | |

Readness of community to participate in construction of a new center

Are you ready to contribute and participate in construction of a new center?

ready to contribute and participate in construction of a



KEY:-

1 for readiness.

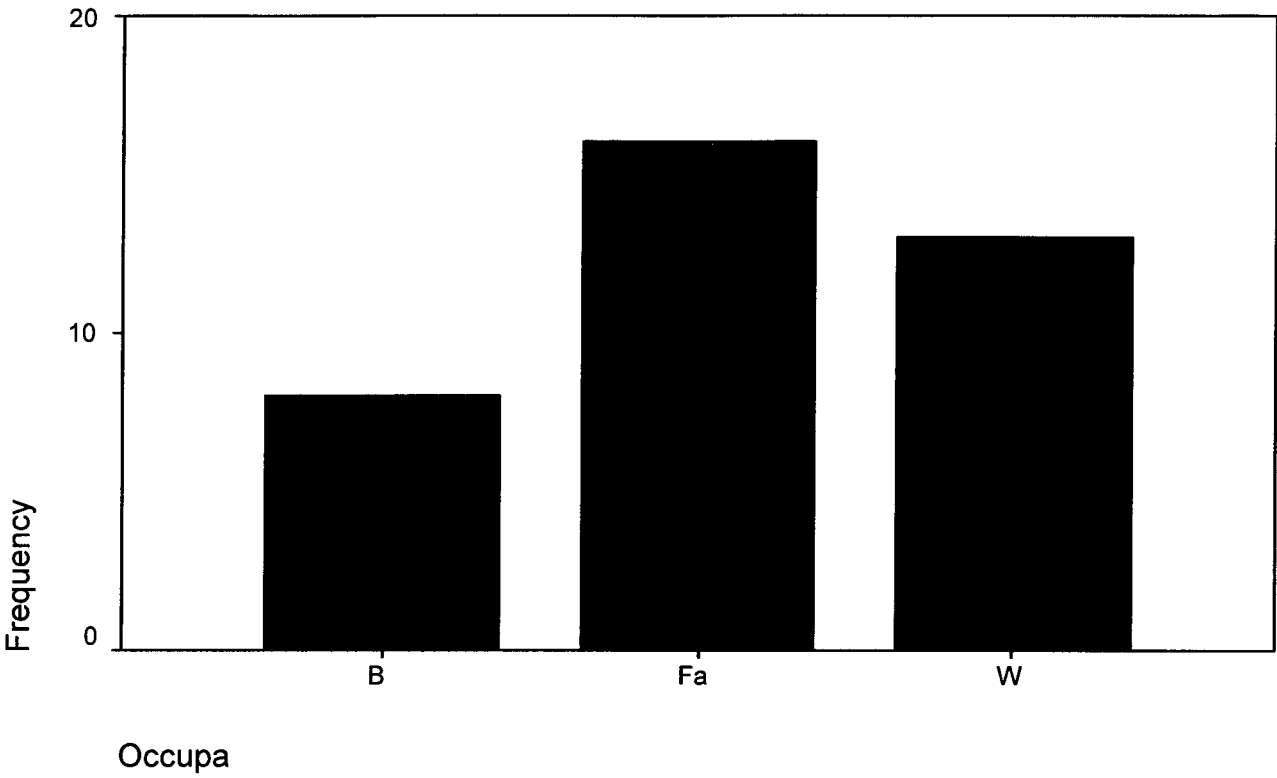
2 for not ready to participate.

3 for participants who remained.

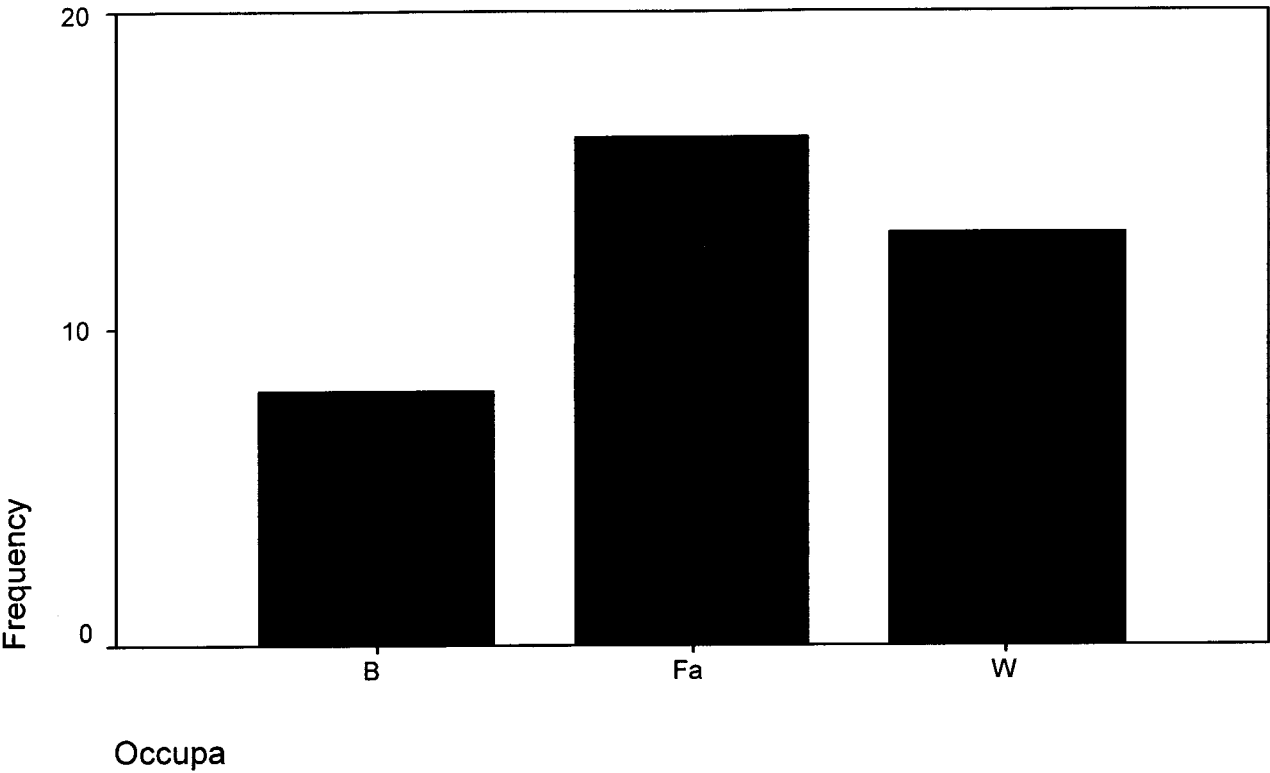
RESPONDENT'S OCCUPATIONS

| | | Frequency Percent | | Valid Percent | Cumulative Percent |
|-------|-------|-------------------|-------|---------------|--------------------|
| Valid | B | 8 | 21.6 | | 21.6 |
| | | | | 21.6 | |
| | Fa | 16 | 43.2 | | 64.9 |
| | | | | 43.2 | |
| | W | 13 | 35.1 | | 100.0 |
| | | | | 35.1 | |
| | Total | 37 | 100.0 | 100.0 | |

RESPONDENT'S OCCUPATIONS



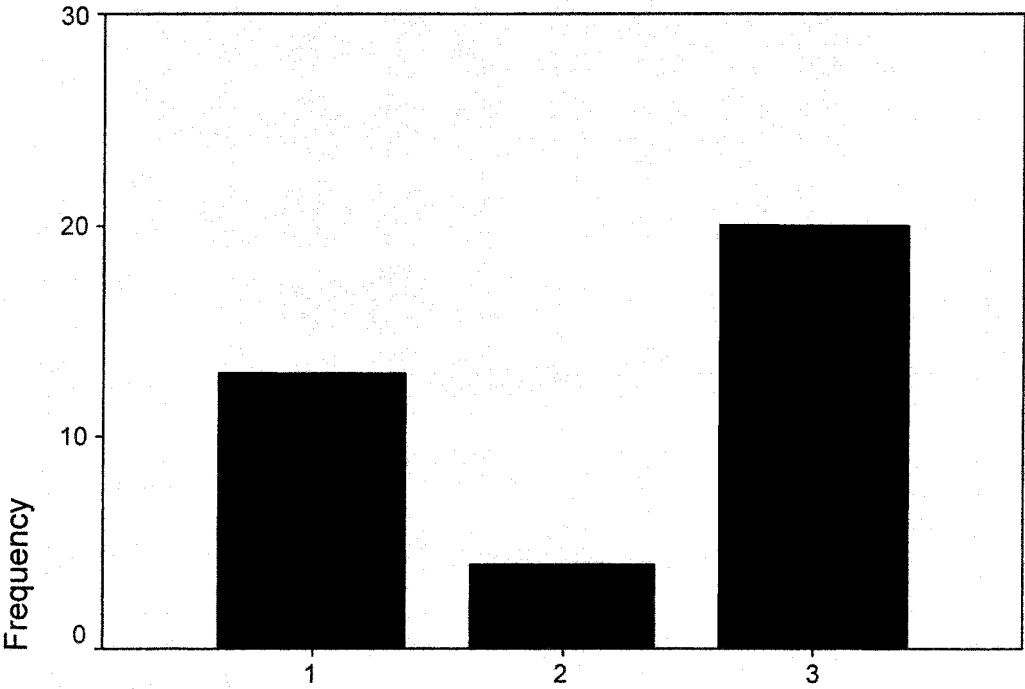
RESPONDENT'S OCCUPATIONS



Reasons for non-preference of the center

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|------------------|-----------------------|
| Valid | 1 | 13 | 35.1 | 35.1 | 35.1 |
| | 2 | 4 | 10.8 | 10.8 | 45.9 |
| | 3 | 20 | 54.1 | 54.1 | 100.0 |
| | Total | 37 | 100.0 | 100.0 | |

Reasons for non preference of the center



Reasons for non preference of the center