

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|---|------|------|--------------|--------|
| | <u>PROPOSED CONSTRUCTION OF 1 NO. CLASSROOM AT REMBA PRIMARY SCHOOL IN SUBA NORTH SUB COUNTY HOMA BAY COUNTY</u> | | | | |
| | <u>ELEMENT NO. 1</u> | | | | |
| | <u>SUBSTRUCTURE (ALL PROVISIONAL)</u> | | | | |
| | <u>Excavation & Earthworks</u> | | | | |
| A | Clear site off grass and shrubs | Sm | 123 | | |
| B | Excavate over site average 200mm deep to remove vegetale soil | Sm | 50 | | |
| C | Excavate to reduce levels average 150mm deep starting from stripped level | Cm | 11 | | |
| D | Excavate foundation trenches commencing from reduced level but not exceeding 1.5m deep | Cm | 21 | | |
| E | Ditto but column bases | Cm | 2 | | |
| | <u>Filling and carting away</u> | | | | |
| F | Return fill and ram selected excavated materials around foundation | Cm | 8 | | |
| G | Load, wheel and cart away surplus excavated materials as directed | Cm | 6 | | |
| H | 300mm thick stone hardcore handpacked, spread level and consolidated | Cm | 42 | | |
| J | 50mm thick murrum blinding to surface of hardcore finished smooth | Sm | 91 | | |
| | <u>Insecticide Treatment</u> | | | | |
| K | Treat surface of blinded harcore with "ALDREX x 48" or TERMIDOR or GLADIATOR insecticide | Sm | 91 | | |
| | <u>Damp proof</u> | | | | |
| L | 500mm gauge polythene sheeting DPM laid on prepared bed ready to receive concrete floor clab (m/s) | Sm | 91 | | |
| | Carried collection | | | Kshs. | |

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|--|------|------|-------------|--------|
| | <u>Concrete Works</u> | | | | |
| | <u>50mm thick mass concrete 1:4:8 (Class P/40mm) in blinding to:-</u> | | | | |
| A | Strip foundation | Sm | 14 | | |
| B | Column bases | Sm | 3 | | |
| | <u>Vibrated Reinforced concrete 1:2:4 (Class 20/20mm) in:-</u> | | | | |
| C | Strip foundation and ground beam | Cm | 3 | | |
| D | Column bases | Cm | 1 | | |
| E | 150mm thick floor slab and access ramps | Sm | 96 | | |
| | <u>Reinforcement Steel</u> | | | | |
| | <u>High tensile square twisted to B.S 4461</u> | | | | |
| F | D 12mm diameter bars | Kgs | 78 | | |
| G | D 8mm diameter bars | Kgs | 46 | | |
| H | Steel fabric mesh/RBC mesh ref A 98 (weighing not less than 2.22kg/m3 in floor slab) | Sm | 99 | | |
| | <u>Sawn formwork to:-</u> | | | | |
| J | Edge of floor slab not exceeding 75-150mm high | Lm | 38 | | |
| K | Sides of foundation column | Sm | 6 | | |
| | <u>Walling</u> | | | | |
| L | 200mm thick roughly dressed natural quarry stone Walling in cement and sand (1:3) mortar | Sm | 44 | | |
| | Carried to collection | | | Kshs | |

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|--|------|------|-------------|--------|
| | <u>Plinth finishes</u> | | | | |
| A | 15mm thick cement and sand (1:3) rendering to plinth area | Sm | 12 | | |
| B | Prepare and apply two coats of black bituminous paint to rendered wall | Sm | 12 | | |
| | Carried to collection | | | Ksh | |
| | <u>COLLECTION</u> | | | | |
| | Brought forward from RPS/CLR/Page 1 | | | | |
| | Brought from RPS/CLR/Page 2 | | | | |
| | Brought down from above | | | | |
| | Total for Element No 1 (Substructure) | | | Ksh. | |
| | Carried to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|---|------|------|-------------|--------|
| | ELEMENT NO. 2 SUPERSTRUCTURE WORKS | | | | |
| | <u>Walling</u> | | | | |
| A | 200mm thick well dressed natural quarry stone walling in cement sand mortar (1:3) | Sm | 98 | | |
| | <u>Horizontal damp proof courses</u> | | | | |
| B | 150mm wide Hessian based bitumen felt as DPC weighing not less than 3.8Kg/m ² in one layer and including level and bedding in cement and sand (1:3) mortar | Lm | 28 | | |
| C | Labour and material for eaves filling to the top of 200mm thick walling average 300mm high | Lm | 18 | | |
| | <u>Concrete works</u> | | | | |
| | <u>Vibrated reinforced concrete 1:2:4 (Class 20/20mm) in:-</u> | | | | |
| D | Ring beam | Cm | 2 | | |
| E | Columns | Cm | 1 | | |
| | <u>Reinforcement steel</u> | | | | |
| | <u>High tensile square twisted bars B.S 4461 in:-</u> | | | | |
| F | D 8mm diameter bars | Kg | 86 | | |
| G | D12mm diameter bars | Kg | 112 | | |
| | <u>Sawn formwork to:-</u> | | | | |
| H | Sides soffites of ring beams | Sm | 24 | | |
| J | Side of column | Sm | 12 | | |
| K | 200 x 200 x 3000mm high fine dressed natural quarry stone walling in pier in cement and sand (1:3) mortar | No | 6 | | |
| | Total for Element No. 2 (Superstructure works) | | | Ksh. | |
| | Carried to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|---|------|------|-------------|--------|
| | ELEMENT NO. 3 ROOF WORK AND ROOF COVERING | | | | |
| | <u>Construction</u> <u>Sawn cypress site treated timber in:-</u> | | | | |
| A | 150 x 50 mm timber beam | Lm | 10 | | |
| B | 150 x 50 mm tie beam | Lm | 64 | | |
| C | 100 x 50 mm rafter | Lm | 72 | | |
| D | 100 x 50 mm strut /ties | Lm | 112 | | |
| E | 100 x 50 mm wall plate | Lm | 18 | | |
| F | 75 x 50mm purlins | Lm | 121 | | |
| G | 200 x 25 wrot cypress fascia board | Lm | 26 | | |
| H | Knot prime stop and apply one under coat and two finishing coats of gloss paint too surface of timber 100-200mm girth | Lm | 26 | | |
| | <u>Roof Cover</u> | | | | |
| J | 28 Gauge MRM Blue Box Profile sheet roof cover fixed onto purlins with rubber washer to match | Sm | 119 | | |
| K | Ditto ridge cap | Lm | 10 | | |
| L | 100mm diameter x 2700 x 3mm thick RHS black pipe including welding 100 x 5mm thick U-shaped plate to | No | 5 | | |
| M | Prepare and apply three coats of first quality gloss oil paint to surface of metal 0-100mm girth | Lm | 18 | | |
| | Total for Element No. 3 (Roof works and Roof covering) | | | Ksh. | |
| | Carried to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|---|------|------|-------------|--------|
| | ELEMENT NO. 4 DOORS | | | | |
| | <u>Steel Door</u> | | | | |
| A | Purpose made double leaf out swing steel casement door in two panels of 900mm and 600mm wide respectively overall size 1500mm x 2700mm high, all in one coat of red oxide primer and two coats of gloss oil paint, steel mortice door lock and padlocking bolt , frame fixing high including 600mm high fan light above and all necessary accessories | No | 1 | | |
| | <u>Glazing</u> | | | | |
| B | 4mm thick clear sheet glass panes over 0.1 but not exceeding 0.5m2 | Sm | 1 | | |
| | Total for Element No.4 (Doors) | | | Ksh. | |
| | Carried to Summary | | | | |

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|--|------|------|-------------|--------|
| | ELEMENT NO. 5 | | | | |
| | WINDOWS | | | | |
| | Steel windows | | | | |
| | Supply, assemble and fix the following purpose made mild steel casement windows, standard metal section from approved manufactured complete with frames, transom, millions and including permanent ventilators comprising "T" bar, gauze and 16 gauge steel metal rod 50mm high x 50mm projection to fill width of window, coupling millions approved iron monger and one coat manufacturing prime, all | | | | |
| | Welded ground to smooth finish | | | | |
| | Steel, for glazing with putty lugs to two jambs cutting priming to concrete or stone work fixing to head and cill with screw, plugging | | | | |
| A | Window overall size 1750 x 1700mm high with 2No. and opened 2No. fixed light each size 450 x 1700mm | No | 4 | | |
| B | Window overall size 1750 x 1200mm high with 2No. and opened 2No. Fixed light each size 450 x 1200mm high | No | 3 | | |
| | Glazing | | | | |
| C | 4mm thick ordinary quality clear sheet glass in panes 0.1-0.5m ² fixed in steel window panes with putty | Sm | 8 | | |
| D | Pre-cast concrete weathered and throated window cill 259x75 mm thick reinforced with 2No. 8mm diameter bars including all moulds and bedding in cement sand (1:4) | Lm | 9 | | |
| E | Prepare and apply 2coats of undercoats and one finishing coat of first quality gloss oil paint to surface of metal | Sm | 8 | | |
| F | Ditto Externally | Sm | 8 | | |
| | Total for Element No. 5(Windows) | | | Ksh. | |

| ITEM | DESCRIPTION | UNIT | QTTY | RATE | AMOUNT |
|------|---|------|------|------|--------|
| | ELEMENT NO. 6 | | | | |
| | <i>FINISHES</i> | | | | |
| | <i>Walls</i> | | | | |
| | <u>Lime gauged (1:1:6) Plaster as described</u> | | | | |
| A | 12mm thick plaster in two coats to quarry stone walls internally | Sm | 80 | | |
| B | Ditto reveals and jambs | Sm | 3 | | |
| C | Prepare and apply three coats of first grade plastic emulsion paint on plastered surface | Sm | 82 | | |
| | <u>Cement and sand (1:4) render as described</u> | | | | |
| D | 12mm thick cement and sand rendering to surface of walls finished with wood float | Sm | 68 | | |
| E | Ditto to reveals and jambs | Sm | 4 | | |
| F | Prepare and apply three coats of first grade plastic emulsion paint on rendered surface | Sm | 72 | | |
| G | 3200mm x 1500mm wide 25mm thick block board plugged to concrete or stone work complete with 50 x 25mm thick chamfered frame all round 3 coats of block bituminous paint | No | 1 | | |
| | <u>Keying</u> | | | | |
| H | Pointing/jointing horizontal and vertical joints with black bitumiusos paint | Sm | 40 | | |
| | <u>Floor</u> | | | | |
| J | 38mm thick cement and sand (1:3) screed to receive floor tiles | Sm | 91 | | |
| | <u>300x300x6mm coloured ceramic floor tiles as manufactured by SAJ' or other equal and approved on cement backing and pointing and joining in matching cement grout to :</u> | | | | |
| K | Floor | Sm | 91 | | |
| L | 20 x 100mm high Ditto | Lm | 32 | | |

| | | |
|--|-------------|--|
| Total for Element No.6 (Finishes) | Ksh. | |
| Carried to collection | | |

RPS/CLR/Page 8

| ITEM | DESCRIPTION | UNIT | AMOUNT (KSHS) |
|-------------|---|--------------|----------------------|
| | SUMMARY OF ELEMENT | | |
| A | TOTAL FOR ELEMENT NO.1 (SUBSTRUCTURE) From RPS/CLR/Page 3 | 3 | |
| B | TOTAL FOR ELEMENT NO.2 (SUPERSTRUCTURE WALLING)From RPS/CLR/Page 4 | 4 | |
| C | TOTAL FOR ELEMENT NO. 3(ROOF WORK & ROOF COVERING) From From RPS/CLR/Page 5 | 5 | |
| D | TOTAL FOR ELEMENT NO.4 (DOORS) From RPS/CLR/Page 6 | 6 | |
| E | TOTAL FOR ELEMENT NO. 5(WINDOWS) From RPS/CLR/Page 7 | 7 | |
| F | TOTAL FOR ELEMENT NO.6 (FINISHES) From RPS/CLR/Page 8 | 8 | |
| | TOTAL FOR BUILDER'S WORK | Kshs. | |
| | CARRIED TO GRAND SUMMARY | | |

RPS/CLR/Page 9

| ITEM | DESCRIPTION | AMOUNT (KSHS) |
|------|---|-----------------------|
| | PROVISIONAL AND PRIME COST | |
| A | Allow for provisional sum of Kenya Shillings six thousand for contingencies | 6,000.00 |
| B | Allow for a prime cost sum of Kenya Shillings fifty thousand for electrical works | 50,000.00 |
| | TOTAL FOR PROVISIONAL SUMS CARRIED TO SUMMARY | Kshs 56,000.00 |

| ITEM | DESCRIPTION | FOR OFFICIAL USE | FOR CONTRACTOR'S USE |
|------|--|------------------|----------------------|
| | <u>GRAND SUMMARY</u> | | |
| A | Builder work from RPS/CLR/Page 9 | | |
| B | Provisinal sum from RPS/CLR/Page 10 | 56,000.00 | |
| | Sub Total | | |
| C | ADD V.A.T 16% | | |
| C | Project Management By PMC | 40,000.00 | |
| D | Project Supervision | 20,000.00 | |
| E | Project Documentation | 1,000.00 | |
| F | Project Branding and Erection of Sign Post | 20,000.00 | |
| | GRAND TOTAL | | |
| | CARRIED TO FORM OF TENDER | | |

Amount in Words Kenya Shillings:

Tenderer's Name: _____

Address: _____

Signature & Stamp: _____

Date: _____

Witness Name: _____

Address: _____

Signature: _____

Date: _____

