### PROPOSED RENOVATION OF EXISTING CAFETERIA TO OFFICES

### FOR

### THE COUNTY ASSEMBLY OF NAKURU

### **BILLS OF QUANTITIES**

Sep-22

## **BUILDERS WORK**

| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
|      | DEMOLITIONS (ALL PROVISIONAL)  |      | ~   |  |  |
|      | Carefully demolish and set aside as directed the   |      |     |  |  |
|      | following:-  |      |     |  |  |
|      |  |      |     |  |  |
|      | Wall   |      |     |  |  |
| А    | Carefully demolish masonry walling to create openings and cart away arrisings                      | SM   | 42  |  |  |
|      | Bar Area   |      |     |  |  |
| В    | Carefully demolish existing bar area and cart<br>away arrisings                                    | ITEM |     |  |  |
|      | Tiles  |      |     |  |  |
|      | Carefully hack and remove exisiting floor finish to  |      |     |  |  |
| С    | reach concrete surface, level and clean and prepare<br>surface to receive new floors               | SM   | 178 |  |  |
|      | Skirting   |      |     |  |  |
|      | Carefully hack and remove exisiting skirting and   |      |     |  |  |
| D    | clean and prepare surface to receive new skirting  | LM   | 115 |  |  |
|      |  |      |     |  |  |
|      | Doors  |      |     |  |  |
| Е    | Carefully remove existing timber doors including their frames and keep aside for clients later use | NO   | 11  |  |  |
|      | L L  |      |     |  |  |
| F    | Carefully remove existing steel doors and keep aside for clients later use                         | N0   | 4   |  |  |
|      |  |      |     |  |  |
|      | Windows  |      |     |  |  |
| G    | Carefully remove existing steel casement glazed  | NO   | 14  |  |  |
| -    | windows and keep aside for clients later use   |      |     |  |  |
|      | Paint to walls   |      |     |  |  |
|      | Scrap off existing ceiling paint, clean and prepare  |      |     |  |  |
| Н    | surface to receive new paint   | SM   | 207 |  |  |
|      |  |      |     |  |  |
|      | Wall tiles to kitchen  |      |     |  |  |
| Ι    | Carefully remove existing wall tiles and cart away debris from site                                | SM   | 20  |  |  |
|      | Carried to collection pg   |      |     |  |  |
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| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
| А    | Vanity tops to kitchen<br>Carefully remove the existing vanity worktops to<br>kitchen and cart away debris from the site as<br>directed  | ITEM |     |  |  |
| В    | Kitchen hood<br>Carefully remove Kitchen hood and keep aside for<br>clients use  | ITEM |     |  |  |
| С    | Sanitary fittings<br>Wash Hand Basin<br>Carefuly remove existing WHB and keep aside for<br>clients use   | NO   | 5   |  |  |
| D    | Ditto kitchen sink   | NO   | 1   |  |  |
| E    | Ditto Urinal   | NO   | 2   |  |  |
| F    | Ditto WC   | NO   | 1   |  |  |
| G    | Ditto Mirrors  | NO   | 5   |  |  |
| Н    | Ditto soap dispenser   | NO   | 4   |  |  |
| Ι    | Carefully dismantle including provision of<br>attendance to specialist and remove of all existing<br>fluorescent tubes including removal of conduits<br>,cables and any other existing electrial accessories<br>and cart away debris from site as directed | ITEM |     |  |  |
| J    | Carefully dismantle including provision of<br>attendance to specialist and remove of all existing<br>sweeping fans including removal of conduits<br>,cables and any other existing electrial accessories<br>and cart away debris from site as directed     | ITEM |     |  |  |
| К    | Carefully remove all existing switches and cart away as directed   | ITEM |     |  |  |
|      | Carried to collection pg   |      |     |  |  |

| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
| А    | Verandah<br>Tiles<br>Carefully hack and remove exisiting floor finish to<br>reach concrete surface, level and clean and prepare<br>surface to receive new floors | SM   | 36  |  |  |
| В    | Slab<br>Carefully hack and remove exisiting slab imclding<br>reinforcement ,clean and prepare surface to<br>receive floor finish                                 | SM   | 31  |  |  |
| С    | Skirting<br>Carefully hack and remove exisiting skirting and<br>clean and prepare surface to receive new skirting  | LM   | 18  |  |  |
| D    | Column<br>Carefully remove existing circular steel column<br>and cart way debris as directed.  | NO   | 7   |  |  |
| E    | Ceiling<br>Carefully remove the existing ceiling and cart<br>away debris from the site as directed   | SM   | 223 |  |  |
| F    | Roof<br>Carefully remove iron sheets and cart away debris<br>as directed   | ITEM |     |  |  |
| G    | Carefully remove Roof structure and cart away debris as directed   | ITEM |     |  |  |
|      | Carried to collection pg   |      |     |  |  |

| ITEM | DESCRIPTION                                  | UNIT | QTY |  |
|------|--|------|-----|--|
|      | SUMMARY PAGE FOR DEMOLITION<br>WORKS         |      |     |  |
|      | Total from page 1                            |      |     |  |
|      | Total from page 2                            |      |     |  |
|      | Total from page 3                            |      |     |  |
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|      |  |      |     |  |
|      | Total Amount for demolition works carried to |      |     |  |
|      | summary page                                 |      |     |  |
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| ITEM | DESCRIPTION  | UNIT | QTY      |  |  |
|------|--|------|----------|--|--|
|      | EXTERNAL COLUMN  |      | <b>x</b> |  |  |
|      | EXCAVATING   |      |          |  |  |
|      | Excavations for column bases;                                      |      |          |  |  |
| А    | Not exceeding 1.5 m deep   | СМ   | 2        |  |  |
|      |  |      |          |  |  |
|      | Planking and Strutting   |      |          |  |  |
| В    | Labour and materials; to uphold the sides of                       | ITEM |          |  |  |
| D    | excavations; generally item  |      |          |  |  |
|      |  |      |          |  |  |
|      | Disposal of Water  |      |          |  |  |
| С    | Labour and materials; Keeping excavations free                     | ITEM |          |  |  |
| C    | from general water item  |      |          |  |  |
|      | C. Learne D. Learne  |      |          |  |  |
|      | Column Bases<br>Concrete Works                                     |      |          |  |  |
|      | 50mm Thick plain concrete blinding                                 |      |          |  |  |
| D    | To column bases  | SM   | 2        |  |  |
| D    | To column bases  | 5141 | 2        |  |  |
|      | Vibrated reinforced concrete (1:2:4) as                            |      |          |  |  |
|      | described in;  |      |          |  |  |
| Е    | To column bases  | СМ   | 1        |  |  |
|      |  |      |          |  |  |
|      | Sawn Formwork, as described, to:-                                  |      |          |  |  |
| F    | Sides of strip foundation, over 150mm but not                      | LM   | 6        |  |  |
| г    | exceeding 225mm high   | LIVI | 0        |  |  |
|      |  |      |          |  |  |
|      |  |      |          |  |  |
|      | High yield ribbed bar reinfocement to BS 4461,                     |      |          |  |  |
|      | including cutting, bedding, overlaps, spacer                       |      |          |  |  |
| G    | blocks and tying stirrups (Provisional):<br>Assorted reinforcement | kaa  | 25       |  |  |
| U    | Assorted remotement  | kgs  | 23       |  |  |
|      | Column   |      |          |  |  |
|      | VRC (1:2:4) as described in;                                       |      |          |  |  |
| Н    | To foundation column   | СМ   | 1        |  |  |
|      |  |      |          |  |  |
|      | Sawn Formwork, as described, to:-                                  |      |          |  |  |
| Ι    | Side of circular columns (COP)                                     | SM   | 11       |  |  |
|      |  |      |          |  |  |
| Ţ    | Reinforcement  | 1    |          |  |  |
| J    | Assorted reinforcement   | kgs  | 61       |  |  |
|      |  |      |          |  |  |
|      | Carried forward  |      |          |  |  |
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| ITEM | DESCRIPTION  | UNIT | QTY |  | ٦ |
|------|--|------|-----|--|---|
|      | Brought forward  |      |     |  |   |
|      | RING BEAM  |      |     |  |   |
|      | REINFORCED CONCRETE<br>SUPERSTRUCTURE .  |      |     |  |   |
|      | Vibrated reinforced concrete (1:2:4)class '20',<br>as described, in:-  |      |     |  |   |
| А    | Ring Beams.  | СМ   | 1   |  |   |
|      | High yield ribbed bar reinfocement to BS 4461,<br>including cutting, bedding, overlaps, spacer<br>blocks and tying stirrups (Provisional): |      |     |  |   |
| G    | Assorted reinforcement   | KGS  | 42  |  |   |
| Н    | Sawn softwood Formwork, as described, to:-<br>Sides and soffits of beams.  | SM   | 7   |  |   |
|      |  |      |     |  |   |
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|      | Carried forward to summary page  |      |     |  | _ |
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| ITEM | DESCRIPTION  | UNIT    | QTY |  |
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|      |  |         | ×   |  |
|      | WALLING AND WALL FINISHES                          |         |     |  |
|      | Masonry Wall                                       |         |     |  |
|      | Approved 200mm local stone; squared; machine       |         |     |  |
| А    | cut or fine chisel dressed; bedding and jointed in | SM      | 22  |  |
|      | cement sand mortar (1:4);                          |         |     |  |
|      | Approved 100mm local stone; squared; machine       |         |     |  |
| В    | cut or fine chisel dressed; bedding and jointed in | SM      | 3   |  |
|      | cement sand mortar (1:4);                          |         |     |  |
|      |  |         |     |  |
|      | <u>Plaster works</u>                               |         |     |  |
|      | 20mm thick cement and sand (1:3) rendering         |         |     |  |
| С    | Walls  | SM      | 36  |  |
| D    | Columns  | SM      | 8   |  |
|      |  |         |     |  |
| E    | Beams  | SM      | 7   |  |
|      | PAINTING PLASTER                                   |         |     |  |
|      | Prepare by skimming plastered surface; apply       |         |     |  |
|      | one undercoat; two coats Premium Quality Silk      |         |     |  |
|      | Vinly paint to Crown paints or equal and           |         |     |  |
|      | approved;<br>Steel trowelled plastered surfaces;   |         |     |  |
| F    | Walls; over 300 mm wide;                           | SM      | 190 |  |
|      |  |         |     |  |
| G    | Keying to flemish bond detail<br>Walls externally  | SM      | 14  |  |
| U    | wans externally                                    | SIVI    | 14  |  |
|      | Wall Tile to kitchen                               |         |     |  |
| Н    | Approved size Ceramic wall tile size 300x300mm     | SM      | 17  |  |
|      |  |         |     |  |
| _    | Wall Tile to Washroom                              | <i></i> |     |  |
| Ι    | Approved size Ceramic wall tile size 300x300mm     | SM      | 51  |  |
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|      | Convid to collection page                          |         |     |  |
|      | Carried to collection page                         |         |     |  |
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| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
|      | ALUMINIUM PARTITIONS<br>Supply and fix powder coated Aluminium<br>partition not exceeding 3500mm high; standard<br>hollow or angle sections; 75 x 50mm horizontal<br>and vertical frame members mitred at corners<br>including reinforcing cleats and all necessary<br>ironmongery; fixing with steel screws; plugging<br>or fixing to concrete, block work or stone<br>work; complete with 6 mm thick clear glass<br>panel with 400mm high aluminium louvers to<br>top section; sealing with mastic: oiling and<br>adjusting on completion; |      |     |  |  |
| А    | Over 300m wide   | SM   | 47  |  |  |
| В    | WINDOW FILM<br>Supply and fix approved obsequre window<br>film; to Aluminium partitions; all toArchitect's<br>drawings;<br>Over 300 mm wide;   | SM   | 47  |  |  |
|      | Carried to collection page   |      |     |  |  |

| ITEM | DESCRIPTION                  | UNIT | QTY |   |
|------|------------------------------|------|-----|---|
|      | SUMMARY PAGE FOR WALLING     |      | ~ - |   |
|      |                              |      |     |   |
|      | Total from page 6            |      |     |   |
|      |                              |      |     |   |
|      | Total from page 7            |      |     |   |
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|      | TOTAL FOR WALLING CARRIED TO |      |     |   |
|      | COLLECTION PAGE              |      |     |   |
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| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
| А    | FLOOR FINISH<br><u>Cement and Sand (1:4) backings:-</u><br>40mm Thick screed on concrete floor to receive<br>tiles   | SM   | 194 |  |  |
| В    | <b>TILING</b><br>Approved size non-slip granito tiles including<br>fixing on cement sand screed backing<br>300 x 600 x 9 mm thick; butt joints straight both<br>ways; to cement and sand base over 300 mm<br>wide; | SM   | 194 |  |  |
| С    | 100 mm high Skirting   | LM   | 82  |  |  |
|      | TOTAL FOR FLOOR FINISHES CARRIED<br>TO COLLECTION  |      |     |  |  |

| ITEM | DESCRIPTION  | UNIT | QTY |    |
|------|--|------|-----|----|
|      | DOORS<br>PANELLED / WROT MAHOGANY;<br>Paneled doors; comprising of 75 x 50 mm top rail   |      |     |    |
|      | and stiles; 100 x 50 mm bottom rail with two<br>labors each; infilled with 10 mm thick solid<br>hardwood protective panel edges beveled, tongued<br>and grooved into frame; molding all round to<br>approval;  |      |     |    |
| А    | Single leaf, single swing door overall size 900 x<br>2100 mm high; to Architects' drawings   | NO   | 7   |    |
|      | Door frame   |      |     |    |
|      | PRIME GRADE STAINED; HARD WOOD   |      |     |    |
|      | Door frames  |      |     |    |
| В    | 200 x 50 mm thick; including 50 x 25 mm linings;   | LM   | 42  |    |
|      | Prepare surfaces: apply three coats<br>polyurethane clear lacquer or other equal<br>approved: on timber surfaces: to   |      |     |    |
|      | General surfaces   |      |     |    |
| С    | Frames; over 100 mm but not exceeding 200 mm girth;  | LM   | 42  |    |
| D    | Over 300 mm girth;   | SM   | 28  |    |
|      | Supply and fix 75 x 50 mm powder coated<br>aluminium frame door complete with 6 mm<br>thick blue tinted glass ; including reinforcing<br>cleats and all necessary ironmongery including<br>Heavy duty door closer; fixing with steel<br>screws; plugging or fixing to concrete, block<br>work or stone work; sealing with mastic; oiling<br>and adjusting on completion; to referenced<br>Architect's drawings |      |     |    |
| Е    | Door Size 2100 x 900mm   | 3    | no  |    |
|      | Carried forward  |      |     |    |
|      |  |      |     | 11 |

| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
|      | Brought forward  |      |     |  |  |
|      | IRONMONGERY  |      |     |  |  |
|      | Supply and Fix the following as per Union<br>Catalogue or other equal and approved; to soft<br>wood, hardwood or the like; fixing with screws; |      |     |  |  |
| А    | Hinges;<br>100 mm brass, heavy duty 2 ball bearing hinges;   | NO   | 11  |  |  |
|      | Mortice Locks;   |      |     |  |  |
| В    | Two lever mortice lock No. 2295 with one pair of lever handles with escutcheon No. 680-06-2  | NO   | 4   |  |  |
| С    | Heavy duty satin<br>chrome"Vacant/Engaged"Indicatorbolt:"Union<br>Cat No.8094 SS" or equal and approved  | No   | 3   |  |  |
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|      | TOTAL FOR DOORS CARIED TO  |      |     |  |  |
|      | SUMMARY PAGE   |      |     |  |  |
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| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
|      | WINDOWS  |      |     |  |  |
|      | Supply and fix powder coated Aluminum              |      |     |  |  |
|      | Window; standard hollow or angle sections;         |      |     |  |  |
|      | frames mitred at corners including reinforcing     |      |     |  |  |
|      | cleats and all necessary ironmongery; Complete     |      |     |  |  |
|      | with 6 mm thick Blue tinted glass; fixing with     |      |     |  |  |
|      | aluminium screws; plugging or fixing to concrete,  |      |     |  |  |
|      | blockwork or stone work; sealing with mastic:      |      |     |  |  |
|      | oiling and adjusting on completion; all to         |      |     |  |  |
|      | referenced Architect's drawings;                   |      |     |  |  |
| А    | Window size 1800x 1800mm high .                    | NO   | 4   |  |  |
| В    | Window size 2500x 1800mm high .                    | NO   | 4   |  |  |
| С    | Window size 700x 1000mm high .                     | NO   | 5   |  |  |
|      | Window cill  |      |     |  |  |
|      | 250 x 75mm weathered and twice throated            |      |     |  |  |
|      | precast concrete (1:2:4) window cill, with smooth  |      |     |  |  |
| D    | finish on all exposed surfaces, bedded and jointed | LM   | 20  |  |  |
|      | in cement and sand (1:3) mortar                    |      |     |  |  |
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|      | TOTAL FOR WINDOWS CARRIED TO                       |      |     |  |  |
|      | SUMMARY PAGE                                       |      |     |  |  |
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| ITEM | DESCRIPTION   | UNIT | QTY |  |
|------|---|------|-----|--|
|      | BALUSTRADES<br>Stainless steel balustrading; comprising of two<br>35 mm diameter x 3 mm thick stainless steel<br>handrail; 40 mm diameter x 3 mm thick hollow<br>section baluster at 1000 mm centres; 900 x 800<br>mm high in 10 mm thick laminated glass panels<br>firmly secured to balusters; with adjustable<br>studs |      |     |  |
| Α    | 900mm high verandah   | LM   | 6   |  |
|      | TOTAL FOR BALUSTRADES CARIED TO<br>SUMMARY PAGE   |      |     |  |

| ROOFING & RAINWATER GOODS<br>ROOF STRUCTURE<br><u>The following well seasoned Wrot cypress,</u><br><u>prime grade timber</u><br>100x50mm wall plate   | LM   |   |   |   |   |
|---|--|---|---|---|---|
| The following well seasoned Wrot cypress,<br>prime grade timber<br>100x50mm wall plate  | IM   |   |   |   |   |
| -   | тм   |   |   |   |   |
|   | LIVI   | 85  |   |   |   |
| 100x50mm kingpost   | LM   | 82  |   |   |   |
| 100×50mm tie beam   | LM   | 250   |   |   |   |
| 100x50mm rafters  | LM   | 324   |   |   |   |
| 75x50mm struts and ties   | LM   | 250   |   |   |   |
| 75x50mm Purlins   | LM   | 363   |   |   |   |
| 75x50mm ridge   | LM   | 62  |   |   |   |
| FASCIA & BARGE BOARDS<br>200 x 25mm thick fascia board  | LM   | 90  |   |   |   |
| ROOF COVERING   |  |   |   |   |   |
| Supply and fix Decra roofing sheet covering;<br>from approved manufacturer and of approved<br>colour and size, including edging trim, firmly<br>secured with galvanised steel screws or nails<br>with end and side laps; fixed onto and<br>including 50 x 25 mm timber battens at 450<br>mm c/c; with all necessary curvatures, hoisting,<br>placing and connections; |  |   |   |   |   |
| Coverings; fixing every tile on every fourth course with two 38 mm galvanised nails; to 75 mm laps;   |  |   |   |   |   |
| Sloping not exceeding 30 degrees from horizontal;   | SM   | 294   |   |   |   |
| 350 mm Ridge cap to match   | LM   | 62  |   |   |   |
| Carried forward to collection   |  |   |   |   |   |
|   |  |   |   |   |   |
|   | 200x50mm rafters<br>25x50mm struts and ties<br>25x50mm Purlins<br>25x50mm ridge<br>26ASCIA & BARGE BOARDS<br>200 x 25mm thick fascia board<br>200 x 25 mm ting sheet covering;<br>200 rom approved manufacturer and of approved<br>200 row and size, including edging trim, firmly<br>200 secured with galvanised steel screws or nails<br>200 x 25 mm timber battens at 450<br>200 mm c/c; with all necessary curvatures, hoisting,<br>200 placing and connections;<br>200 coverings; fixing every tile on every fourth course<br>200 with two 38 mm galvanised nails; to 75 mm laps;<br>200 secured ing 30 degrees from horizontal;<br>200 mm Ridge cap to match | 100x50mm raftersLM25x50mm struts and tiesLM75x50mm PurlinsLM75x50mm ridgeLM75x50mm ridgeSoloping and fix Decra roofing sheet covering;<br>room approved manufacturer and of approved<br>polour and size, including edging trim, firmly<br>secured with galvanised steel screws or nails<br>with end and side laps; fixed onto and<br>including 50 x 25 mm timber battens at 450<br>nm c/c; with all necessary curvatures, hoisting,<br>olacing and connections;750 mm Ridge cap to matchSM750 mm Ridge cap to matchLM | 100x50mm raftersLM32475x50mm struts and tiesLM25075x50mm PurlinsLM36375x50mm ridgeLM6275x50mm ridgeLM6275x50mm thick fascia boardLM90ROOF COVERINGLM90Supply and fix Decra roofing sheet covering;<br>from approved manufacturer and of approved<br>colour and size, including edging trim, firmly<br>secured with galvanised steel screws or nails<br>with end and side laps; fixed onto and<br>ncluding 50 x 25 mm timber battens at 450<br>nm c/c; with all necessary curvatures, hoisting,<br>olacing and connections;SM294Stopping not exceeding 30 degrees from horizontal;SM294294 | A00x50mm raftersLM324V5x50mm struts and tiesLM250V5x50mm PurlinsLM363V5x50mm ridgeLM62V5x50mm ridgeLM90V5x50mm thick fascia boardLM90ROOF COVERINGLM90Supply and fix Decra roofing sheet covering;<br>form approved manufacturer and of approved<br>colour and size, including edging trim, firmly<br>secured with galvanised steel screws or nails<br>with end and side laps; fixed onto and<br>ncluding 50 x 25 mm timber battens at 450<br>mm c/c; with all necessary curvatures, hoisting,<br>Dacing and connections;SM294Stopping not exceeding 30 degrees from horizontal:<br>(S0 mm Ridge cap to matchLM62 | 000x50mm raftersLM32475x50mm struts and tiesLM25075x50mm PurlinsLM36375x50mm ridgeLM6275x50mm ridgeLM9075x50mm thick fascia boardLM90800 x 25mm thick fascia boardLM90800 F COVERINGLM90800 F COVERINGLM90800 r Coverings; fixing every tile on every fourth course<br>with end and side laps; fixed onto and<br>ncluding 50 x 25 mm timber battens at 450<br>mm c/c; with all necessary curvatures, hoisting,<br>olacing and connections;SM294800 nm Ridge cap to matchLM621 |

| ITEM | DESCRIPTION  | UNIT | QTY | ſ |  |
|------|--|------|-----|---|--|
|      | PAINTING & DECORATIONS   |      |     |   |  |
|      | <u>Prepare and apply one coat of universal undercoat</u><br>and two finishing coat of approved waterproof<br>gloss paint to :-                   |      |     |   |  |
| Α    | Fascia board & barge boards  | LM   | 90  |   |  |
|      | RAIN WATER GOODS   |      |     |   |  |
|      | <u>UPVC Rain water goods as "Terrain" Plastic</u><br><u>Systems or other equal and approved</u>  |      |     |   |  |
| C    | 125mm Half round gutter including joints in the<br>running length fixed to fascia board with and<br>including brackets at approved truss centers | LM   | 56  |   |  |
| Е    | Extra; for clips   | No.  | 56  |   |  |
| F    | 100mm UPVC downpipe  | LM   | 24  |   |  |
| G    | Extraover pipe for swanneck 100mm diameter   | No.  | 8   |   |  |
| Н    | Extraover pipe for shoe bend 100mm diameter  | No.  | 8   |   |  |
| J    | Wall clips   | No.  | 24  |   |  |
|      |  |      |     |   |  |
|      | Carried to collection pg   |      |     |   |  |
|      | <b>ROOFING &amp; RAINWATER COLLECTION</b>  |      |     |   |  |
|      | Brought forward frompg   |      |     |   |  |
|      | Brought forward frompg   |      |     |   |  |
|      | Carried forward to Summary   |      |     |   |  |
|      |  |      |     |   |  |

| ITEM | DESCRIPTION   | UNIT | QTY |  |  |
|------|---|------|-----|--|--|
|      | OFFICE SUMMARY PAGE                                 |      |     |  |  |
|      | DEMOLITIONS B/FPG                                   | 4    |     |  |  |
|      | COLUMNS AND RING BEAM                               | 6    |     |  |  |
|      | WALLING B/FPG                                       | 9    |     |  |  |
|      | FLOOR FINISH B/FPG                                  | 10   |     |  |  |
|      | CEILING FINISHES                                    | 11   |     |  |  |
|      | DOORS B/FPG   | 13   |     |  |  |
|      | WINDOWS B/FPG                                       | 14   |     |  |  |
|      | BALUSTRADES B/FPG                                   | 15   |     |  |  |
|      | ROOF & RAINWATER GOODS                              | 14   |     |  |  |
|      | TOTAL FOR BUILDERS WORK CARRIED<br>TO GRAND SUMMARY |      |     |  |  |
|      |   |      |     |  |  |
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# SANITARY FITTINGS

| ITEM | DESCRIPTION  | UNIT | QTY |  |  |
|------|--|------|-----|--|--|
|      | SANITARY FITTINGS  |      |     |  |  |
| A    | Water Closet (WC) Pan<br>WC pan with 'P'-trap in approved colour complete<br>with horizontal outlet to BS 3402 with heavy plastic<br>seat and cover with metal top fixed (chrome plated)<br>hinges. All to be as IDEAL STANDARD water<br>closet or equal and approved.   | NO   | 3   |  |  |
| В    | Water closet Flush Valves<br>32mm water closet flush valve for the above water<br>closets complete with, back entry with integral<br>vacuum breaker, non-hold-open features and non-<br>return valve, inlet control stop and wall plate<br>comprising flush valve, bent chrome plated flush<br>pipe and rubber pipe connector. The flush valve to be<br>push button type. The fittings shall be as COBRA or<br>equal and approved. | NO   | 3   |  |  |
| С    | Wash hand basin (WHB)<br>Wash hand basin size 650 x 500mm with one tap<br>hole, 32mm diameter chrome plated waste and heavy<br>duty plastic bottle trap (32mm 'P' trap) with 75mm<br>seal. To be as IDEAL STANDARD or equal and<br>approved.   | NO   | 2   |  |  |
| D    | Wash hand basin (WHB) Tap<br>Chrome plated non-conculsive time delay press<br>action pillar tap as VADO or equal and approved.   | NO   | 2   |  |  |
| E    | <b>Toilet roll holder</b><br>Fully reccessed toilet oll holder in viteous china of<br>size 165 x 165 mm in approved colour as ideal<br>standard or equal and approved.   | NO   | 3   |  |  |
| F    | <b>Robe Hook</b><br>Chrome plated robe hook mounted with concealed<br>screws. To be as IDEAL STANDARD or equal   | NO   | 3   |  |  |
|      | CARRIED FORWARD  |      |     |  |  |

|   | BROUGHT FORWARD  |    |   |  |  |
|---|--|----|---|--|--|
| А | <b>Mirror</b><br>6mm thick polished plate glass silver backed mirror<br>with bevelled edges, size 610 x 610mm,Plugged and<br>screwed to wall with 4No. Chrome plated dome<br>capped screws. The mirror shall rest against a layer<br>of 5mm thick foam.  | NO | 2 |  |  |
| В | <b>Toilet Brush and Holder</b><br>Wall mounted toilet brush holder and brush of<br>approved colour as GROHE "Atrio accessories<br>Tier:G5 Prestige" Model- 40 314 toilet brush set or<br>approved equivalent.  | NO | 3 |  |  |
| С | <b>Soap Dispenser</b><br>Wall mounted soap dispenser with a capacity of<br>about one litre having a press action soap release<br>mechanism complete with fixing screws. Allow for<br>initial soap supply. To be as Mediclinic or approved<br>equivalent.   | NO | 2 |  |  |
| D | Hand Driers<br>Automatic hand drier in white colour, operating on<br>an infra-red automatic sensing system with heating<br>element safety cut-out complete with a 30 seconds<br>safety timer, plastic rawl plugs and fixing screws.<br>The hand drier to have a heating capacity of 2.1kw<br>and performance flow rate of 135cfm (3.82m3/min)<br>and to be of size 270x264x143mm deep It shall have<br>a noise level below 72.5 dBA at 1.5m. It shall be as<br>Medclinic or approved equivalent. | NO | 2 |  |  |
|   |  |    |   |  |  |
|   | CARRIED FORWARD  |    |   |  |  |

|   | BROUGHT FORWARD   |      |   |  |
|---|---|------|---|--|
| A | <b>Kitchen sink</b><br>Single bowl, single drainer stainless steel kitchen<br>sink of size 1000 x 500mm as manufactured by ASL<br>140 or equal and approved. The bowl size to be 420<br>x 355 x 150mm deep complete with chrome plated<br>40mm waste fittings, plugs, chain stays, overflow,<br>1No. 15mm diameter chrome plated sink bib tap,<br>chrome plated bottle trap with 75mm deep seal and<br>chain waste fitting. | NO   | 1 |  |
| В | Undersink Heater<br>10 litres capacity undersink instantaneous water<br>heater complete with 3.0kw electric heating element,<br>externally adjustable capillary type thermostat,<br>polyurethane form thermal insulation, corrosion-<br>proof moulding outer casing, mountings, water and<br>electrical connections. The heater shall be as Ariston<br>with power supply 3.0kw, 240/50Hz or equal and<br>approved.          | NO   | 1 |  |
| С | Allow for water connection to kitchen   | ITEM |   |  |
|   |   |      |   |  |
|   |   |      |   |  |
|   |   |      |   |  |
|   |   |      |   |  |
|   | TOTAL FOR SANITARY FITTINGS TO<br>GRAND SUMMARY   |      |   |  |

# **CAR PARK**

| ITEM | DESCRIPTION  | QTY | UNIT | RATE  | AMOUNT |
|------|--|-----|------|-------|--------|
|      | BILL No. 1   |     |      |       |        |
| А    | <b>DEMOLITION &amp; CABRO WORKS</b><br>Carefully demolish existing 8800mm x 5000mm<br>slab to the level of existing cabros, remove all<br>wires taking care of existing services and cart<br>away debris as directed on site | 50  | SM   |       |        |
| В    | Excavate remove and dispose off concrete structures as directed by Resident Engineer   | 25  | СМ   |       |        |
| С    | Cut to spoil in soft material. Rate to include carting away debris.  | 25  | СМ   |       |        |
|      | Compaction of top 150mm below formation level in cuts to 100% MDD (AASHTO T99)   | 7.5 | СМ   |       |        |
| E    | Provide gravel Sub-base material, haul, spread,<br>compact to at least 100% M.D.D. (AASHTO T-<br>180) and shape to level and tolerance   | 7.5 | СМ   |       |        |
| F    | Supply, lay and appropriately spread quarry dust<br>blinding n.e. 50mm thick and prepare surface to<br>receive cabro paving blocks (measured<br>separately)  | 50  | SM   |       |        |
|      | Provide, lay and joint 250 x 125mm class 25/20<br>precast concrete half battered kerb on and<br>including 350 x 325mm bed (concrete 1:3:6) bed<br>and haunch; including all necessary formwork to<br>detail                  | 20  | LM   |       |        |
| Н    | Supply, lay 60mm thick heavy duty paving block<br>with a minimum crushing strength of 35N/mm2<br>and vibrate with a plate compactor to the<br>satisfaction of the Engineer.  | 50  | SM   |       |        |
|      |  |     |      |       |        |
|      |  |     |      |       |        |
|      |  |     |      |       |        |
|      | TOTAL CARRIED TO GRAND SUMMA   | RY  |      | 2/S/1 | -      |

|   |  |     |       | 1 | 1 |  |
|---|--|-----|-------|---|---|--|
|   | BILL No.2  |     |       |   |   |  |
|   | CAR PARK SHADE   |     |       |   |   |  |
|   | CAR PARK SHADE   |     |       |   |   |  |
|   | <u>Mild steel trusses</u>  |     |       |   |   |  |
|   | Thoroughly wirebrush steel to remove rust<br>and mill scale, remove grease with white<br>spirit and prime with one coat of red oxide<br>primer, all before installation, after<br>installation, apply one undercoat and three<br>coats of supergloss oil paint allowing 24<br>hours drying period between coats, all to<br>'Crown' paints written instruction or other<br>equal and approved |     |       |   |   |  |
|   | Framed weldable  |     |       |   |   |  |
|   | The following post and Trusses with nailed   |     |       |   |   |  |
|   | connections including templates fillets,   |     |       |   |   |  |
|   | straps, and splices.   |     |       |   |   |  |
| A | 75 x 75 x 4mm Thick (3.39Kg/M) SHS Post  | 24  | LM    |   |   |  |
| В | Rafter 75x50x3mm SHS(3.39kg/m)   | 24  | LM    |   |   |  |
| С | 30 x 10 x 1.5mm Thick (0.91Kg/M) SHS struts and ties   | 12  | LM    |   |   |  |
| D | 50 x 50 x 2mm Thick (0.91Kg/M)-purlins SHS   | 36  | LM    |   |   |  |
|   | Polycarbonate Roofing sheets; Colour to architect's/ client approval   |     |       |   |   |  |
| E | Roofing sheets fixed on purlins including labour<br>and material; fixing to steel structure (m.s.) with<br>neoprene washers J-bolts nuts neoropene washers<br>and cap  | 52  | SM    |   |   |  |
| F | Polycarbonate connectors and bindings  | pcs | 6     |   |   |  |
|   |  |     |       |   |   |  |
|   | TOTAL CARRIED TO GRAND SUMMARY   |     | 2/S/2 |   |   |  |

| DESCRIPTION                           | PAGE NO. | AMOUNT |
|---------------------------------------|----------|--------|
| <u>GRAND SUMMARY</u>                  |          |        |
| TOTAL FOR DEMOLISION & CABRO<br>WORKS | 2/S/1    | <br>   |
| TOTAL FOR CAR PARK                    | 2/S/2    | -      |
| TOTAL COST CARRIED TO SUMMARY         |          |        |

## **PROVISIONAL SUMS**

| PROVISIONAL SUM |   |           |  |
|-----------------|---|-----------|--|
| ITEM            | DESCRIPTION   | AMOUNT    |  |
|                 | PROVISIONAL SUMS  |           |  |
|                 | The following provisional items are to be measured<br>on completion of the works and priced in<br>accordance with rates contained in these Bills of<br>Quantities or pro-rata thereto ordeducted in whole<br>if not required. |           |  |
|                 | Provisional sum for:  |           |  |
| А               | Allow a provisional sum of Kenya Shillings Two<br>Hundred thousand only (Ksh. 200,000.00) for the<br>Electrical Works   | 200,000   |  |
| В               | Allow a provisional sum of Kenya Shillings Two<br>Hundred thousand only (Ksh. 200,000.00) for roller<br>blinds  | 200,000   |  |
| С               | Allow a provisional sum of Kenya Shillings Five<br>Hundred Thousand only (Ksh.500,000.00) for Project<br>management Fees (Inclusive of VAT)   | 500,000   |  |
| D               | Allow a provisional sum of Kenya Shillings Two<br>Hundred Thousand only (Ksh.200,000.00) for<br>contingencies   | 200,000   |  |
| E               | Allowa provisional sum of Kenya Shillings One<br>Hundred and Sixty Thousand only (Ksh. 160,000) for<br>other utilities.   | 160,000   |  |
|                 | Total Provisional Sums carried to Grand<br>Summary  | 1,260,000 |  |

# **GRAND SUMMARY**

| ITEM                           | DESCRIPTION                                 | PAGE | AMOUNT    |  |
|--------------------------------|---|------|-----------|--|
| 1                              | BUILDER'S WORK                              |      | -         |  |
| 2                              | PLUMBING AND DRAINAGE(SANITARY<br>FITTINGS) |      | -         |  |
| 3                              | CAR PARK                                    |      | -         |  |
| 4                              | PROVISIONAL AND PRIME COST SUMS             |      | 1,260,000 |  |
|                                | TOTAL                                       |      |           |  |
| AMOUNT IN WORDS                |   |      |           |  |
| TENDERER'S SIGNATURE AND STAMP |   |      |           |  |
| ADDRESS                        |   |      |           |  |
| DATE                           |   |      |           |  |
| <br>WITNESS NAME AND SIGNATURE |   |      |           |  |
| ADDRESS                        |   |      |           |  |
| DATE                           |   |      |           |  |
|                                |   |      |           |  |