|          | BOQ FOR THE PROPOSED WO<br>IN KAJOKEJI AND MOROBO C  |                | EN CH<br>NTY,<br>I SUD | CEIVI  | S TO<br>RAI | BE CON<br>EQUAT( | STRU<br>ORIA S    | CTED<br>TATE, |  |  |
|----------|--|----------------|------------------------|--------|-------------|------------------|-------------------|---------------|--|--|
| S/N<br>A | /No ITEM   |                | UNIT                   |        | T           | RATE             | AM                | OUNT          | Е. ТОТА  |  |
| B        | The state of the s |                | ls                     | X      | 10          | (USD)            | 1)                | JSD)          | (USD)  |  |
| В        | SOBSTRUCTURE.  |                |                        | 0.     | 10          | -                |                   | -             |  |  |
| -        | Clear site of all obstructions; veg, rocks,  |                |                        |        | -           |                  |                   | -             |  |  |
|          | ant moulds and level and backfill.   |                | m²                     | (00    | -           |                  |                   | -             |  |  |
|          |  | - 1            | 111-                   | 600.   | 00          |                  |                   | -             |  |  |
|          | Cut top soil to depths ne 150mm  |                |                        |        | _           |                  |                   |               |  |  |
|          | deposit off the site.  | -              | (7)                    |        |             |                  |                   | -             |  |  |
|          |  | 1              | M³                     | 10.9   | 7           |                  |                   | -             |  |  |
|          | Excavate foundation trench depth   | -              | _                      |        |             |                  |                   |               |  |  |
|          | n.e. 1.2m and deposit off the soil   | -              | -                      |        |             |                  |                   |               |  |  |
|          | i all son  | N              | $\Lambda^3$            | 27.2   | 9           |                  |                   |               |  |  |
|          | Ditto Splash apron   | -              |                        |        |             |                  |                   | -             |  |  |
|          | Sub-total carried to summary   | N              | 13                     | 2.8    | 9           |                  |                   | -             |  |  |
|          | - Summary  |                |                        |        |             |                  |                   |               |  |  |
| С        | Concrete works   |                |                        |        |             |                  |                   | -             |  |  |
|          | Strip concrete foundation  |                |                        |        |             |                  |                   |               |  |  |
|          |  | M              | [3                     | 4.5    | 5           |                  |                   | -             |  |  |
|          | Ditto Splash apron   |                |                        |        |             |                  |                   | -             |  |  |
| -        | - no opiasii apron   | M              | 3                      | 2.17   | ,           |                  |                   |               |  |  |
|          | Ground beams   |                |                        | 2.17   | +           |                  |                   | -             |  |  |
|          | Ground beams   | M              | 3                      | 1.52   | -           |                  |                   |               |  |  |
| _        | Ding 1   |                |                        | 1.02   |             |                  |                   | -             |  |  |
| -        | Ring beams   | M <sup>3</sup> | 3                      | 1.52   | +           |                  |                   |               |  |  |
| -/       | W. 1   |                |                        | 1.32   | +           |                  |                   | -             |  |  |
|          | Window cills   | M <sup>3</sup> |                        | 0.10   | +-          |                  |                   |               |  |  |
|          | Sub-total carried to summary   | 141            | -                      | 0.10   | -           |                  |                   | -             |  |  |
| -        |  |                |                        |        | -           |                  |                   | -             |  |  |
| D        | Plinth wall of 600mm   | M <sup>2</sup> |                        | 15.10  | -           |                  |                   |               |  |  |
|          | Ditto splash apron   |                | -                      | 45.48  |             |                  |                   | -             |  |  |
|          | Backfill using selected soil and compact well to   |                | _                      | 12.84  |             |                  |                   | -             |  |  |
|          | Touridation.   | M <sup>3</sup> |                        |        |             |                  |                   |               |  |  |
|          | Ditto Splash apron   | M <sup>3</sup> | _                      | 25.27  |             |                  |                   | -             |  |  |
|          | Infill to floor area   | M <sup>3</sup> | _                      | 1.93   |             | ALC: NO          | -                 | -             |  |  |
|          | Ditto Splash apron   |                |                        | 9.15   |             |                  |                   | -             |  |  |
|          | Anti-termite solution in 1 litre tine  | M <sup>3</sup> | _                      | 1.57   |             |                  |                   | -             |  |  |
|          | Sub-total carried to summon  | No             |                        | 2.00   |             |                  |                   | -             |  |  |
| E        | STEEL WORKS  | -              | _                      |        |             |                  |                   | -             |  |  |
|          | Ground beams   |                |                        |        |             |                  | - 175-            |               |  |  |
|          | Y-12   |                |                        |        |             |                  |                   |               |  |  |
|          | R-6  | kg             |                        | 145.00 |             |                  |                   |               |  |  |
|          | Binding wires  | kg             |                        | 44.00  |             |                  |                   |               |  |  |
|          | <u> </u>   | kg             |                        | 5.00   |             |                  |                   |               | APPROXIMATION OF THE PERSON OF |  |
|          | Ring beams   |                |                        |        |             |                  |                   |               |  |  |
|          | Y-12   |                |                        |        |             |                  |                   |               |  |  |
|          | R-6  | No             |                        | 145.00 |             |                  |                   |               |  |  |
|          | Binding wires  | No             |                        | 44.00  |             |                  | -                 |               |  |  |
|          | e muos   | kg             |                        | 10.00  |             |                  |                   | _             |  |  |
| ,        | Window sills   |                |                        |        |             |                  | -                 |               |  |  |
|          |  |                |                        |        |             |                  | -                 |               |  |  |
|          | welded mesh of 5 mm dia.   | kg             |                        | 11.00  |             |                  |                   |               |  |  |
| 7 5      |  |                |                        |        | -1/-        |                  | -                 |               |  |  |
|          | SUPER STRUCTURE  |                |                        |        |             |                  | -                 |               | -  |  |
|          | Use selected well moulded bricks on  |                |                        |        |             |                  |                   |               | West of the second   |  |
| 2        | 200mm wall on mortar bed of  |                |                        | -      |             |                  | The second second |               |  |  |
|          | mix 1:4  | m²             |                        | 98.12  | V = -50     |                  |                   |               |  |  |
|          | STITINGS   |                |                        | 76.12  |             |                  | -                 |               |  |  |
| 10       | Casement steel windows/doors   |                | -                      |        |             |                  |                   |               | Marin Co.  |  |

|      | Fix Prefab steel doors and windows D1 1000 x 2.400 complete  |                |        |       |     | -    | _   | - |
|------|--|----------------|--------|-------|-----|------|-----|---|
|      | D2 900 x 2.400   | N              | lo     | 1.00  |     |      | _   |   |
|      | Windows  | N              | lo :   | 2.00  |     | -    |     |   |
|      | W1 1500 X 1500   |                |        |       |     | -    |     |   |
|      | W2 1000 X 1500   | N              | -      | 3.00  | 7.  |      |     |   |
|      | Sub-total carried to summary   | N              | 0 2    | .00   |     | - 17 |     |   |
|      | en ricu to summary   |                |        |       |     | •    |     |   |
| I    | H FINISHES WORKS   |                |        |       |     | -    |     |   |
|      | Reveals to all openings made to the  |                |        |       |     |      |     |   |
|      | allignments of the walls and textures.   |                |        |       |     |      |     |   |
|      | gaments of the walls and textures.   | M              | 58.    | 30    |     |      |     |   |
|      | Skirting works   |                |        |       |     |      |     |   |
|      | Sub-total carried to summary   | M              | 75.    | 80    |     |      |     |   |
| I    | SAWN FORM WORKS & SCAFFS   |                |        |       |     | -    |     |   |
|      | Scaffolds Scaffs   |                |        | 12.00 |     | -    |     |   |
|      | Ground beams   | M              | 32.    | 10    |     |      |     |   |
|      | - Stanis   | M <sup>2</sup> | 12.4   |       |     | -    |     |   |
| -    | Ring beams   |                |        |       |     | -    |     |   |
|      | Soffits to the opennings   | M <sup>2</sup> | 12.4   | 18    |     |      |     |   |
|      | Floor slab   | M <sup>2</sup> | 2.0    |       |     | -    |     |   |
|      | Splash apron   | M <sup>2</sup> | 2.9    |       |     | -    |     |   |
|      | Window cills   | M <sup>2</sup> | 2.4    |       |     | -    |     |   |
|      |  | $M^2$          | 1.0    |       |     | -    |     |   |
| J    | ROOFING WORK   |                | -      |       |     | -    |     |   |
|      | Roof covering works  |                |        |       |     | -    |     | - |
|      | works  | M <sup>2</sup> | 104.9  | 9     |     |      |     |   |
|      | Ditto ridge capping  |                |        |       |     | -    |     |   |
|      | - mage capping   | M              | 24.20  | )     |     |      |     |   |
|      | Rafters and strutts to the specified picth   |                |        |       |     | -    |     |   |
|      | and structs to the specified picth   | M              | 95.59  | );    |     |      |     |   |
|      | Wall plates to level and well jointed  |                |        |       |     | -    |     |   |
|      | ran plates to level and well jointed   | M              | 26.30  |       |     |      |     |   |
|      | Purlins with splayed and bailed joints   |                |        |       |     | -    |     |   |
|      | with sprayed and bailed joints   | M              | 212.78 |       |     |      |     |   |
|      | Aproved joints for tie beams   |                |        |       |     | -    |     |   |
|      | To the Joints for the beams  | M              | 66.00  |       |     | -    |     |   |
|      | Strutts of 100x50 sawn wood  |                |        |       |     |      |     |   |
|      | or rookso sawn wood  | M              | 94.31  |       |     | -    |     |   |
|      | PKS soft wood fascia   |                |        |       |     | -    |     |   |
|      | Sub-total carried to summary   | M              | 32.10  |       |     |      |     |   |
|      | to summary   |                |        |       |     | -    |     |   |
| <    | FINISHINGS   |                |        |       |     | _    |     | - |
|      | Rendering and Plaster works to the external and  |                |        |       |     |      |     |   |
|      | internal wall surfaces   |                |        |       |     |      |     |   |
|      |  | M <sup>2</sup> | 73.52  |       |     | -    |     |   |
|      | Floor screed   |                |        |       |     | -    |     |   |
|      | Floor screed to cast to n e 50 mm thick and  |                |        |       |     | -    |     |   |
|      | given wood float finish  |                |        |       |     |      | - V |   |
|      | - Annon  | m³             | 45.70  |       |     | .    |     |   |
|      | Ditto 30 mm thick apron  |                |        |       |     |      |     |   |
|      | применти при | m <sup>2</sup> | 19.26  |       |     |      |     |   |
| - 17 | Sub-total carried to summary   |                |        |       |     |      |     |   |
|      | to summary   |                |        |       |     |      |     |   |
|      | PAINTING / DECORATION  |                |        |       |     |      |     | - |
|      | All walls to be given a material   |                |        |       | - 1 |      |     |   |
|      | All walls to be given a protective paint coat of emulsion or any   |                |        |       |     |      |     |   |
|      | undercost and finish the   |                |        |       |     |      |     |   |
|      | undercoat and finish with 3 coats of   |                |        |       |     |      |     |   |
|      | Wall gurfage 1   | M <sup>2</sup> | 196.24 |       |     |      |     |   |
| -    |  | M <sup>2</sup> | 196.24 |       |     |      |     |   |
|      | Onth he 300 mm   | M              | 58.30  |       | -   |      |     |   |

|       | Sub-total carried to summary                     | M                                     | 7      | 5.80 |               | -      |            |
|-------|--|---------------------------------------|--------|------|---------------|--------|------------|
| M     | TOTAL  |                                       |        |      |               |        |            |
|       | G. TOTAL   |                                       |        |      |               |        |            |
|       |  | 1 5777                                |        |      |               |        |            |
|       | G  | ATE H                                 | OUSE   |      | #2 U.S. (C. ) | 100    |            |
| S/No  | o ITEM   |                                       |        |      | RATE          | AMOUNT | E TOTAL    |
| A     | PRELIMINARIES                                    |                                       | VIT QT | Y    | (USD)         | (USD)  | E. TOTA    |
| В     | SUB STRUCTURE                                    | ls                                    | 0      | .10  | -             |        | (USD)      |
|       | Clear site of all obstructions; veg, rocks,      |                                       |        |      |               | -      |            |
|       | ant moulds and level and backfill.               |                                       |        |      |               |        |            |
|       | and backilli.                                    | m <sup>2</sup>                        | 161    | .00  |               |        |            |
|       | Cut top soil to depths ne 150mm                  |                                       |        |      |               |        |            |
|       | deposit off the site.                            | 1.0                                   |        |      |               | 3+3    |            |
|       |  | M <sup>3</sup>                        | 162.   | 50   |               | -      |            |
|       | Excavate foundation trench depth                 | _                                     |        |      |               |        |            |
|       | n.e. 1.2m and deposit off the soil               | 3.00                                  |        |      |               |        |            |
|       |  | M³                                    | 7.     | 92   |               | -      |            |
|       | Ditto Splash apron                               | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |        |      |               | -      |            |
|       | Sub-total carried to summary                     | M³                                    | 1.0    | )2   |               | -      |            |
|       |  |                                       |        |      |               | -      |            |
| C     | Concrete works                                   |                                       |        |      |               |        |            |
|       | Strip concrete foundation                        | 1.0                                   |        |      |               | -      |            |
|       |  | M³                                    | 1.3    | 2    |               | -      |            |
|       | Ditto Splash apron                               | 1.43                                  | -      |      |               |        |            |
|       |  | M³                                    | 0.5    | 9    |               | -      |            |
|       | Ground beams                                     | M³                                    |        |      |               |        |            |
|       |  | IVI                                   | 0.4    | 4    |               | -      |            |
|       | Ring beams                                       | M³                                    | 0.1    |      |               |        |            |
|       |  | IVI                                   | 0.44   | 4    |               | -      |            |
|       | Window cills                                     | M <sup>3</sup>                        | 0.0    |      |               |        |            |
|       | Sub-total carried to summary                     | IVI                                   | 0.05   |      |               |        |            |
|       |  | _                                     |        |      |               | -      |            |
| D     | Plinth wall of 600mm                             | M <sup>2</sup>                        | 11.00  |      |               |        |            |
|       | Ditto splash apron                               |                                       | 11.00  |      |               | -      |            |
|       | Backfill using selected soil and compact well to |                                       | 2.48   | -    |               | -      |            |
|       | Touridation.                                     | M³                                    | 7.33   |      |               |        |            |
| -     | Ditto Splash apron                               | M³                                    | 1.65   |      | 1000          | -      |            |
| -     | Infill to floor area                             | M³                                    | 2.25   |      |               | -      |            |
|       | Ditto Splash apron                               | M <sup>3</sup>                        | 1.47   |      |               | -      |            |
| - 1   | Anti-termite solution in 1 litre tins            | No                                    | 1.00   |      |               | -      |            |
|       | Sub-total carried to summary                     |                                       | 1.00   |      |               | -      |            |
|       | STEEL WORKS<br>Ground beams                      |                                       |        | -    |               | -      | -          |
| -     | Y-12   |                                       |        |      |               |        |            |
|       | R-6  | kg                                    | 44.00  |      |               |        |            |
|       | Binding wires                                    | kg                                    | 16.00  |      |               | -      |            |
| -     | manie wites                                      | kg                                    | 5.00   |      |               |        |            |
| F     | Ring beams                                       |                                       |        | 712  |               |        |            |
|       | V-12   |                                       |        | -    |               |        |            |
| _     | 3-6  | No                                    | 44.00  |      |               | -      |            |
|       | Sinding wires                                    | No                                    | 16.00  |      |               |        |            |
|       | 9 11110  | kg                                    | 5.00   |      |               | -      |            |
| V     | Vindow sills                                     |                                       |        |      |               | -      |            |
|       | velded mesh of 5 mm dia.                         |                                       |        |      |               |        |            |
| - 1"  | mesh of 3 mm dia.                                | kg                                    | 5.00   |      |               | -      |            |
| S     | UPER STRUCTURE                                   |                                       |        |      |               | -      | 5-10 Sept. |
| II    | se selected well moulded bricks on               |                                       |        |      |               |        | -          |
| 20    | 00mm wall on mortar bed of                       |                                       |        |      |               |        |            |
| m     | iv 1:4   |                                       |        |      |               |        |            |
| 1 *** |  | m <sup>2</sup>                        | 23.20  |      |               |        |            |

|      | G FITTINGS  Casement steel windows/doors                               |                |   |                |       | -   |   |      |
|------|--|----------------|---|----------------|-------|-----|---|------|
|      | Fix Profels at 11  |                |   |                |       |     | _ |      |
|      | Fix Prefab steel doors and windows                                     |                |   |                |       | 4   |   |      |
|      | D1 900 x 2.000 complete  | N              | ) 1   | .00            |       |     |   |      |
| _    | Windows  | - '            | 1   | .00            |       |     | - |      |
| _    | W1 1000 X 1000   | No             |   | 0.0            |       |     |   |      |
| _    | Sub-total carried to summary   | INC            | 2.  | 00             |       |     | - |      |
|      |  |                |   | _              |       |     |   |      |
|      | H FINISHES WORKS   |                |   |                |       |     |   |      |
|      | Reveals to all openings made to the                                    |                |   |                |       |     |   |      |
|      | allignments of the walls and textures.                                 | -              |   |                |       |     |   |      |
|      | and textures.  | M              | 20.   | 10             |       |     |   |      |
|      | Skirting works   |                |   |                |       |     |   |      |
|      | Sub-total carried to summary   | M              | 22.0  | 00             |       | _   |   |      |
| 1    | SAWN FORM WORKS & SCAFFS   |                |   |                |       |     |   | - 11 |
|      | Scaffolds Scaffs   |                |   |                |       | -   | _ |      |
|      | Ground beams   | M              | 11.0  | 0              |       |     | _ |      |
|      | Ground beams   | M <sup>2</sup> | 4.4   |                |       | -   |   |      |
|      | Dingle   |                |   |                |       | -   |   |      |
|      | Ring beams   | $M^2$          | 4,4   | 0              |       |     |   |      |
|      | Soffits to the opennings   | M <sup>2</sup> | 0.7   |                |       | -   |   |      |
|      | Floor slab   | M <sup>2</sup> |   |                |       | -   |   |      |
|      | Splash apron   | M <sup>2</sup> | 1.10  |                |       | -   |   |      |
|      | Window cills   | M <sup>2</sup> | 0.93  |                |       | -   |   |      |
|      |  | IVI            | 0.03  | 3              |       | -   |   |      |
| J    | ROOFING WORK   |                | -   |                |       | -   |   |      |
|      | Roof covering works  | _              |   |                |       |     |   |      |
|      | S HOLKS  | M <sup>2</sup> | 11.10   | )              |       |     |   |      |
|      | Ditto ridge capping  |                |   |                |       |     |   |      |
|      | - mo mage capping  | M              | -   |                |       |     | - |      |
| -177 | Rafters and strutte to 1   |                |   |                |       |     |   |      |
|      | Rafters and strutts to the specified picth                             | M              | 9.00  |                |       |     |   |      |
|      | Well at a second   |                |   |                |       |     |   |      |
| _    | Wall plates to level and well jointed                                  | M              | 6.00  |                |       |     |   |      |
|      | D. di  |                | 0.00  |                |       | -   |   |      |
|      | Purlins with splayed and bailed joints                                 | M              | 16.00   |                |       |     |   |      |
|      |  | 1.11           | 10.00   |                |       | -   |   |      |
|      | Aproved joints for tie beams   | M              | 0.00  |                |       |     |   |      |
|      |  | IVI            | 9.00  |                |       | -   |   |      |
|      | Strutts of 100x50 sawn wood  | M              | 120   |                |       | -   |   |      |
|      |  | IVI            | 4.00  |                |       |     |   |      |
|      | PKS soft wood fascia   | 11             | , <u>12-11-11-11-11-11-11-11-11-11-11-11-11-1</u> |                | 14.00 |     |   |      |
|      | Sub-total carried to summary   | M              | 12.40   |                |       | -   |   |      |
|      | - to summary   |                |   |                |       |     |   |      |
| K    | FINISHINGS   |                |   |                |       |     |   | -    |
|      | Rendering and Plaster was I  |                |   |                |       |     |   |      |
|      | Rendering and Plaster works to the external and internal wall surfaces |                |   |                |       |     |   |      |
|      | Surfaces   | $M^2$          | 23.20   |                |       | 55. |   |      |
|      | Floor screed   |                |   |                |       | -   |   |      |
|      |  |                |   |                |       | -   |   |      |
|      | Floor screed to cast to n.e 50 mm thick and                            |                |   |                |       | -   |   |      |
|      | given wood float finish  | m³             | 7.50  |                |       |     |   |      |
|      | Div 20   |                | 7.00  |                |       | •   |   |      |
| - M  | Ditto 30 mm thick apron  | m <sup>2</sup> | 7.44  | and the second |       | -   |   |      |
|      |  | -              | 7.44  |                |       | -   |   |      |
|      | Sub-total carried to summary   |                |   |                |       |     |   |      |
|      |  |                |   |                |       |     |   |      |
| L    | PAINTING / DECORATION  |                |   |                |       |     |   |      |
|      | All walls to be given a protective paint coat of                       |                |   |                |       |     |   |      |
|      | emulsion or any  |                |   |                |       |     |   |      |
|      | undercoat and finish with 3 coats of                                   |                |   |                |       |     |   |      |
|      | specified point section  |                |   |                |       |     |   |      |
|      | specified paint coating  | M <sup>2</sup> | 23.20   |                |       |     |   |      |
| _    | Wall surface works   | M <sup>2</sup> | 23.20   |                |       | -   |   |      |
|      | Girth ne 300 mm  | M              | 20.10   |                |       | -   |   |      |

|      | Girth n.e 150   | М     | 11.00  |            |        |             |
|------|---|-------|--------|------------|--------|-------------|
|      | Girth n.e 100 mm  | M     | 11.00  |            | -      |             |
|      | Sub-total carried to summary  | IVI   | 11.00  |            | -      |             |
| M    | TOTAL   |       |        |            | -      | _           |
|      | G. TOTAL  |       |        |            |        | _           |
|      |   |       |        |            |        | -           |
|      | 2 STANCES   | YZYD  | T      |            |        |             |
|      | 2 STANCES   | VIP   | LATRIN | E          |        |             |
| Item | Description   | Un it | Qty    | Rate (USD) | Amount | Element tot |
| 1    | GENERAL PRELIMINARIES   |       | Qij    | Rate (USD) | (USD)  | (US         |
| 1.1  | Mobilisation and demobilisation of works an fixing of visibility/sign board on the walls of finished works as diredeted by SPEDP  | d     | 1.00   |            |        |             |
| 10   | ***   |       |        |            | -      |             |
| 1.2  | Water for works and false works therin  | ls    | 1.00   |            | -      |             |
|      |   |       |        |            |        |             |
| 1.3  | Erection and Maintenance of all<br>temporary scaffolding sufficiently strong and<br>efficient for the due performance of the works<br>and when required during the works, and<br>removal on completion and making good works  | ls    | 162.50 |            |        |             |
|      | Sub Total   | 15    | 162.50 |            | -      |             |
|      |   |       |        |            | -      |             |
| 2    | SUBSTRUCTURE  |       |        |            | -      | AL .        |
| 2.1  | Earth works   |       |        |            | -      |             |
| i    | Allow for removal and clearing away plants, rubbish, unwanted materials and cut top soil to depths n.e 150 mm and set out the works on site   |       |        |            | -      |             |
|      | as specified.   | sm    | 1.00   |            | -      |             |
| ii   | Excavate pit commencing from reduced level but not exceeding 4m depth (pit dimension including allowance: 2.2m-Wide, by 5.1m long by 4m deep) and not less than 1.5m above the water table including all earth work support, keeping the excavation free from water and spreading excavated materials away. | cm    | 44.88  |            | -      |             |
|      |   |       |        |            |        |             |
| iii  | Return, fill and ram to make up level average thickness less than 250mm, obtained off site, selected gravel rejects around the pit walls. Load wheel and deposit surplus excavated materials and deposit at distance not less than 1 km from the site as directed by site Engineer                          | cm    | 22.32  |            |        |             |
|      | Disposal of surplus excavated material on site in   |       |        |            | -      |             |
| IV   | spoil heaps, average distance 30m from  | cm    | 31.28  |            |        |             |
|      |   |       |        |            |        |             |
|      |   |       |        |            | -      |             |
| .2   | Sub-structure for the - '   |       |        |            | -      |             |
|      | Sub-structure for the pit   |       |        |            | -      |             |
| i    | Insitu concrete class 20/20mm aggregate, 150mm thick pit floor bed using mix 1:3:6 mass concrete  | em    | 1.12   |            |        |             |

|      | 200mm thick brick walls in the pit  | -      |        |      |   |   | - | -   |
|------|---|--------|--------|------|---|---|---|-----|
| i    | bedded in sand/cemen mortar mix of 1:3 and finished flush from outside surfaces   | cm     | 55.4   | 14   |   |   |   |     |
|      | 200x 200mm Pages  |        |        |      |   | - | - |     |
| ii   | 200x 200mm Beams casted with concrete mix 1:2:4/19mm on pit walls.  | cm     | 0.7    | 0    |   |   |   |     |
|      |   | - Citi | 0.7    | 0    |   |   |   |     |
| iv   | Selected burnt clay bricks bedded and   |        |        |      |   | - |   |     |
| ıv   | jointed in 1:3 mortar for 200mm thick lining walls.   | sm     | 55.4   |      |   |   |   |     |
|      | 200   | Unit   | 33.4   | +    |   | - |   |     |
| v    | Finishes to the pit; 25mm cement and sand (1:3mix) trowelled smooth and hard on al brick walls. (plastering the pit)        | 1 sm   | 55.44  | 1    |   |   |   | -42 |
|      |   |        |        |      |   | - |   |     |
| vi   | 25mm cement, sand screed finished smooth wit<br>cement grouting applied, properly steel floated.                            |        |        |      |   |   |   |     |
|      |   | sm     | 5.46   |      |   |   |   |     |
|      | Steel works   |        |        |      |   | - |   |     |
| vi   | High yield steel bar including working<br>and fixing (Rates inclusive of binding wire)                                      |        |        |      |   | - |   |     |
|      |   |        |        | -    |   | - |   |     |
| vii  | Y12 at 150mm centers(both long and  |        |        |      |   | - |   |     |
| VII  | shot spans) in floor slab and 4Y12 na R6 for the beams.   | kgs    | 165.00 |      |   | _ |   |     |
| viii | R6 links spaced at 200mm c/c for the  |        |        |      |   | - |   |     |
|      | beams(in. tie wire)   | kgs    | 24.00  |      |   |   |   |     |
| ix   | 3mm binding wire for connections of the steel bars and the stirrups for the ring beams.                                     | kgs    | 5.00   |      |   | - |   |     |
|      |   |        | 3.00   |      | _ | - |   |     |
| X    | concrete slab casting   |        |        |      | _ |   |   |     |
|      | 100mm thick reinforced suspended floor slab using mix 1:2:4 concrete with provisions of the drop holes and vent pipe holes. | cm     | 1.58   |      |   | - |   |     |
| xi   | S   |        | 1.50   |      |   | - |   |     |
| AI   | Sawn form work as described to:   |        |        |      |   | • |   |     |
|      | 200x200mm beams sides   | sm     | 5.04   |      |   | - |   |     |
|      | Slab decking  |        |        |      |   | - |   |     |
|      | S   | sm     | 5.45   |      |   | - |   |     |
| 1110 | Edge of slab 100mm girth  |        |        | 7-0- |   | - |   |     |
|      | S   | m      | 3.26   |      |   | - |   |     |
| .3   | Splash Apron  |        |        |      |   | - |   |     |
|      | Excavation for foundation trench  |        |        |      |   |   |   |     |
| 0.1. | 450mm wide not exceeding 1.0m for the apron and refill  | m      | 2.19   |      |   | _ |   |     |
| 3.2  | Remove the excavated soil from site to  |        |        |      |   | - |   |     |
| -    | n.e 2 m from the nit edges  | n      | 2.19   |      |   |   |   |     |
| .3   | 100mm thick concrete blinding to  |        |        |      |   | - |   | _   |
| .5   | foundation 10   |        | 0.27   |      |   |   |   |     |
|      |   |        |        |      |   | - |   |     |

| 2.3.4           | 150mm thick burnt clay brickwork in cement and sand mortar(1:4)mix in stretcher bond   |           |                                |    |   |  |
|-----------------|--|-----------|--------------------------------|----|---|--|
|                 |  | sm        | 9.3                            | 72 |   |  |
| 2.3.5           | Return fill and ram selected excavated mater   |           |                                |    |   |  |
| 2.3.3           | around foundation  | 30000     |                                |    |   |  |
|                 |  | cm        | 0.0                            | 1  | _ |  |
| 2.3.5           | Remove surplus excavated material  |           |                                |    |   |  |
| 2,3,3           | from site and cart at least away from the site   |           |                                |    |   |  |
|                 |  | cm        | 0.0                            | 2  |   |  |
| 2.3.6           | Backfill imported material to hard core fill in consolidate under apron blinded and well watered and rolled ready to receive concrete 20/20  | cm        | 0.97                           |    | - |  |
| _               |  | CIII      | 0.9                            |    | - |  |
| 2.3.7           | 100mm thick concrete 20/20mm aggregate on a 4mm wire mesh for the apron a corridor (1:2:4)   | and cm    | 0.60                           |    | - |  |
|                 | 0.5  |           | 0.00                           | 40 | - |  |
| 2.3.8           | 25mm cement and sand screed trawled (1:3mix).  | sm        | 16.20                          |    | - |  |
| Taran sa        | Anti-Termite Treatment   |           |                                |    |   |  |
|                 | Apply "Aldrin" or equivalent and   |           |                                |    | - |  |
| 2.3.9           | approved anti- termite solution to surface of excavations  | item      |                                |    |   |  |
|                 | Sub-total  | itelli    | 1.00                           |    | - |  |
| _               |  |           |                                |    | - |  |
| 3               | SUPERSTRUCTURE.  |           |                                |    | - |  |
| 3.1             | Walling  |           |                                | -  | - |  |
| i               | Bituminous based Damp proof course laid and bedded in cement and sand mortar 25 mm thick APC of 1:3 mix with 300mm laps.   | sm        | 13.60                          |    |   |  |
| ii              | Selected burnt clay bricks in 200 mm thick walls bedded and jointed in 1:4 mortar on superstructure walls. 6mm mild steel bars installed in mortar beddings after every 3 course intervals |           |                                |    | - |  |
| -               | TOTAL  | sm        | 31.80                          |    |   |  |
| 1               | 0.00   |           |                                |    | - |  |
|                 | ROOFING:   |           |                                |    | - |  |
| .1              | wall plate   | 122       | 14.00                          |    | - |  |
|                 |  | m         | 14.80                          |    |   |  |
| .2 -            | afters   | m         | 14.80                          |    | - |  |
| .2 r            | afters   | m         | 10.00                          |    |   |  |
|                 |  |           |                                |    | - |  |
|                 | afters<br>purlins  |           |                                |    |   |  |
| .3 р            | ourlins<br>ascia   | m<br>m    | 27.00                          |    | - |  |
| .3 р            | ourlins<br>ascia   | m         | 10.00                          |    |   |  |
| .3 p            | ourlins<br>ascia   | m<br>m    | 27.00<br>20.00                 |    | - |  |
| .3 p            | ourlins<br>ascia   | m<br>m    | 27.00                          |    | - |  |
| .3 p            | ascia 28 GIsheets  | m m m pcs | 27.00<br>20.00<br>8.00         |    | - |  |
| .3 p            | ascia 28 GIsheets  | m<br>m    | 27.00<br>20.00                 |    | - |  |
| .3 p            | eurlins  ascia  228 GIsheets  ve vent pipes  | m m m pcs | 27.00<br>20.00<br>8.00<br>4.00 |    | - |  |
| .3 p .4 fa .5 G | eurlins  ascia  228 GIsheets  ve vent pipes  | m m m pcs | 27.00<br>20.00<br>8.00         |    | - |  |
| .3 p            | ourlins ascia 28 GIsheets vc vent pipes ent covers ub-total  | m m m pcs | 27.00<br>20.00<br>8.00<br>4.00 |    | - |  |
| .4 fa<br>.5 G   | ourlins ascia 228 GIsheets vc vent pipes   | m m m pcs | 27.00<br>20.00<br>8.00<br>4.00 |    |   |  |

| 5.1     | remove all excavated soils from fdtion and dispose offsite   |         |       |    |   |     |
|---------|--|---------|-------|----|---|-----|
| 5.3     | fdtion conc to pit base  | cm      | 2     | 30 |   |     |
|         |  | cm      | 0.7   | 79 |   | -   |
| 5.4     | 150 mm thickwalls  | -       |       |    |   | -   |
|         |  | sm      | 6.6   | 50 |   | -   |
| 5.5     | Infilling to the corridor  | am      |       |    |   | -   |
|         |  | cm      | 1.0   | 9  |   |     |
| 5.6     | concrete slab  | - law   |       |    |   |     |
|         |  | cm      | 0.6   | 0  |   | -   |
| 5.7     | 25 screed to both slab and   |         |       |    |   |     |
| 112.333 | corridor/hallway   | sm      | 5.0   |    |   |     |
|         | Sub-total  | 3111    | 5.2   | 8  |   | -   |
|         |  | _       |       |    |   | - 1 |
| 6       | FIXINGS  |         | _     |    |   |     |
| 6.1     | Prefabricated steel plate doors with wire mesh on the shutters 1.5 m from the floor levels and perforations 250 mm as specified an to be delivered to site and fixed after a protective undercoat. | d<br>nr | 4.00  |    |   |     |
|         | St. 1  |         | 1     |    | - |     |
| 6.2     | Steel casement gril doors to curtain wall doorway complete with all security bolts an locks.   | d<br>nr | 1.00  |    |   |     |
| 6.3     | Fixing the years to an a '   |         |       |    |   |     |
|         | Fixing the vents to openings   | nr      | 4.00  |    | - |     |
|         | Fix yent pines to the 1.1  |         |       |    | - |     |
| 6.4     | Fix vent pipes to the slab and plumbed through the roof covering and make good the deffects  | nr      | 4.00  |    |   |     |
|         | Fixing hand rails for the disabled to the  |         |       |    | - |     |
| 6.5     | specified heights and firm to the selected latrine room's walls.   | nr      | 2.00  |    |   |     |
|         | Sub-total  |         | 2.00  |    | - |     |
| 7       | FINISHES   |         |       |    | • |     |
|         | FINISHES   |         |       |    | - |     |
| 7.1     | 25mm cement/sand render of mix 1:4<br>to wall with steel float finish smooth from the<br>inernal.  | sm      | 44.80 |    | - |     |
| 7.2     | Ditto externally but wooden float  |         |       |    |   |     |
|         | y out wooden noat  |         | 18.80 |    | - |     |
|         | Reveal works of cem/sand mortar mix 1:3 to   |         |       |    |   |     |
| 7.3     | and plumbed under close supervision of the site engineer   | lm      | 27.20 |    |   |     |
| -       | Coppings to curtain wall tops with   |         |       |    | - |     |
| .4      | cem/sand mix 1:3 and make throatings   | m       | 6.40  |    | _ |     |
| 5 6     | 25mm cement, sand screed finished smooth with a gentle fall towards the squat hole and cement grouting applied, properly steel floated.  | m       | 9.98  |    |   |     |
| 6 r     | Cement and sand roughcast finish on rendered wall of ratio 1:1 and to be 1.5 meters above apron level.   | m       | 14.10 |    |   |     |
|         |  |         |       |    |   |     |

|     | .7 wooden covers for drop holes   | n   | r 4.0 | 00 [         |     |  |
|-----|---|-----|-------|--------------|-----|--|
|     | Sub-total   |     | 7.0   | 70           | -   |  |
| 8   | DA DAMANA   |     |       |              |     |  |
| 0   | TAINTING WORKS  |     |       |              | -   |  |
| 8.  | KPS and apply 2 coats of white gloss paint to   |     |       | _            | -   |  |
|     | berdge & fasciaboards.  | lm  | 15.0  | 2            |     |  |
| _   | -   |     | 13.0  | 3            | -   |  |
|     | Prepare all internal wall surfaces,   |     |       | -            |     |  |
| 8.2 | prime and apply 3 soft white coats of weather   |     |       |              |     |  |
|     | guard paint from approved supplier.   | sm  | 44.80 |              |     |  |
|     |   |     | 44.00 | <del>-</del> | -   |  |
|     | Ditto to external wall surfaces but the   |     |       | _            | -   |  |
| 8.3 | finishing coats shall be of orange colour and   |     |       |              |     |  |
|     | In on 1.3 in neights of the walls above enlach  |     |       |              |     |  |
|     | apron to the roof level.  | sm  | 10.00 |              |     |  |
|     |   |     | 10.00 |              | -   |  |
|     | Scrap, sandpaper, and wipe all the door shutter   | s   |       | _            | -   |  |
| 8.4 | clean and free of dust and oils then apply 2  |     |       |              |     |  |
|     | illushing coats of high gloss paint of a greed  |     |       |              |     | 1  |
|     | colour.   |     | 12.00 |              |     |  |
|     | n.  |     | 12.00 |              | -   |  |
| 8.5 | Ditto skirtings to girth n.e 100 mm   |     |       |              | -   |  |
|     | neights   |     |       |              |     |  |
|     | Sub-total   |     |       |              | -   |  |
| 1   |   |     |       |              | -   |  |
| 9   | RAIN WATER HARVEST AND ST   |     |       |              | -   |  |
|     | RAIN WATER HARVEST AND STORAGE  |     |       |              |     |  |
|     | 100 liters uPVC tank placed on  |     |       |              |     |  |
|     | ground concrete base (measured separately)  |     |       |              |     |  |
| 9.1 | fitted with anti-theft metal hars complete with   |     |       |              |     |  |
|     | lockable tap located on the front of the ourtein  |     |       |              |     |  |
|     | wall and the side of the wash room and washout  |     |       |              |     |  |
|     | approved  | nr  | 1.00  |              |     |  |
|     | Supply and install 100  | *** | 1.00  |              | -   |  |
|     | Supply and install 100 mm half round HD PVC   |     | 1 1   |              |     |  |
| 9.2 | water gutters complete with all fittings to direct all water from the roof to the water tank placed |     | 1 1   |              |     |  |
|     | on 1m high concrete water tank base   |     |       |              |     |  |
|     | and confered water tank base  | lm  | 5.00  |              |     |  |
| 0.0 |   |     | 3.00  |              | -   |  |
| 9.3 | 75 mm HD pvc down pipes   | nr  | 1.00  |              | -   |  |
| 9.4 | Ditto 45 bends  | nr  | 3.00  |              | -   |  |
|     |   |     | 3.00  |              |     |  |
|     | Install 2"PVC pipe with approved floor  |     |       |              | -   |  |
|     | trap to splash apron for hand washing tonles Att  |     |       |              |     |  |
| 0.5 | costs to include exxcavation, infilling and   |     | 1 1   |              |     |  |
|     | protection of soak away nit to receive wester   |     | 1 1   |              |     |  |
|     | Water from WASH room  | nr  | 1.00  |              |     |  |
|     |   |     | 1,00  |              | -   |  |
|     | 1m high ground concrete water tank base made  |     |       |              | -   |  |
|     | in masonry brickwork  | ls  | 1.00  |              | 1 1 |  |
|     | Sub-total Sub-total   |     | 1.00  |              | •   |  |
|     | TO TAL  |     |       |              | -   |  |
|     |   |     |       |              |     |  |
|     |   |     |       |              |     |  |
|     | FENCING   | AND | CATE  |              |     | to the second se |
|     | Provide preliminary sum for the   | AND | GATE  |              |     |  |
|     | mobilisation and desired  |     |       |              |     |  |
|     | mobilisation and demobilization of  |     |       |              |     |  |
|     | works and workforce.  | %   | 0.10  |              |     |  |
|     |   |     |       |              |     |  |

| 1   | Excavation in all kind of sub surface material completed in all respects for footing of steel angle posts L=0.3 ,b=0.30m H=0.6m   |                |        |     |   |   |     |
|-----|---|----------------|--------|-----|---|---|-----|
|     | Provide and cast insitu, mass concrete of class   | m <sup>3</sup> | 2.50   |     |   |   |     |
| 1.1 | 25 mix in (1:2:4) portland cement, clean sand and crashed aggregates.   | m <sup>3</sup> | 2.50   |     |   | - |     |
| 1.2 | Supply and installation of 50mmx50mmx4mm hot rolled angle iron with atleast a coat of primer and to be finished with high gloss paint.  | Nos            | 42.00  |     |   | - |     |
| 1.3 | planted angle bar poles and to be given appropriete tension in between the supporte poles   |                |        |     |   | - |     |
|     | Supply and fix 2.1 m high G.I. chain link   | Lm             | 97.00  |     |   | - |     |
| 1.4 | fabric fencing. Tension and secure with GI binding wire   | m              | 97.00  |     |   |   |     |
| 1.5 | Supply and fix diagonal bracings size 50mmx50mmx4mm hot rolled angle at corners and at intervals of every 5m. The angle iron should be painted with 02 coat of primer and 2 coats of oil paint. |                |        |     |   | - |     |
| 1.7 | Supply and fix heavy duty metalic gate as specified in the drawing  | Nos            | 41.00  |     |   | - |     |
| 1.8 | Supply and Fixing of the concertina 40 cm dia with 4 strands straight galvanazed wire 2mm thickness.  | Nos            | 1.00   |     | + | - |     |
|     | Total for Fencing and Gate carried to summary   | lm             | 100.00 |     |   | - | 100 |
|     |   |                |        |     |   | 2 |     |
|     | CD  |                |        |     |   | - |     |
|     | GRAND TOTAL FOR ONE W   | OME            | NIC OF | Men |   |   |     |