

ESTIMATE  
MATERIALS & LABOUR

Date: May 9, 2008

| ITEM               | DESCRIPTION   | QUANTITY | UNIT     | RATE (\$) | AMOUNT (\$) |
|--------------------|---|----------|----------|-----------|-------------|
| <b>SETTING OUT</b> |   |          |          |           |             |
| 1.                 | Allow for accurately setting out building to the satisfaction of the technical officer.                           | 1294.5   | sq. ft   | 34.77     | 45,010      |
| <b>EARTHWORKS</b>  |   |          |          |           |             |
| 2.                 | Excavate for foundation trench not exceeding (5' 0") deep and include for return fill, ram, & dispose of surplus. | 26       | cu. Yds  | 3823.00   | 99,398      |
| 3.                 | Fill under floor with selected granular material to be compacted in layers not exceeding 4" thickness.            | 25       | cu. Yds  | 10120.00  | 253,000     |
| <b>CONCRETING</b>  |   |          |          |           |             |
| 4.                 | Concrete (1:2:4) in foundation placed around reinforcement (measured separately).                                 | 13.46    | cu. Yds  | 9986.00   | 134,412     |
| 5.                 | Concrete (1:2:4) in belt beams and stiffener columns (8 no) placed around reinforcement (measured separately).    | 5.5      | cu. Yds. | 26851.00  | 147,681     |
| 6.                 | Allow for construction of toe beams (4 no) to satisfaction of technical officer.                                  | 1        | No.      | 1983.70   | 1,984       |
| <b>WALLING</b>     |   |          |          |           |             |

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| 7.                   | Contrete (1:2:4) in foundation placed around reinforcment inlcude cement and labour (measured separately)  |              |      |           |             |
| 8.                   | Reinforced concrete blockwall 6" thick with 1/2" dia bars at 16" centres vertically and 3/8" dia. horizontally at 24" centres alternate voids filled with concrete (1:3:6) (all pockets filled in solid in foundation wall). | 243 sq. yds  |      | 1063.00   | 258,309     |
| <b>REINFORCEMENT</b> |  |              |      |           |             |
| 9.                   | To supply reinforcement 1/2" dia. in foundation, belt beams and stiffener columns (8 no) & decking   | 4.5 per ton  |      | 146000.00 | 657,000     |
| 10.                  | To supply reinforcement 1/4" dia. in belt beams and stiffener columns (8 no) & decking in narrow width   | 18 roll      |      | 7550.00   | 135,900     |
| <b>FORMWORK</b>      |  |              |      |           |             |
| 11.                  | To supply rough formwork to sides of belt beams and stiffener columns (8 no) & decking in narrow width.  | 224 sq. yds. |      | 1217.50   | 272,720     |
| <b>ROOF</b>          |  |              |      |           |             |

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| 12.  | Galvanized iron sheet roofing ( 26 guage)including ridge capping laid on and including 2' x 3" laths secured to 2"x 4" W.P.P. rafters, allow for 2"x 4" wall plate bolted to belt beams with 3/8 dia. J. bolts at 3' 0" centres, include for hurricane straps to alternate rafters, 1"x 6" ridge board and 1"x 8" blocking piece all as shown on plan. |              | sq. yds. | 6481.55   | -           |
|      | <b>CEILING</b>   |              |          |           |             |
| 13.  | Supply and install 3/16" thick plywood to underside of rafters (internally) prepared to receive same, and for sarking to the top rafters at the eaves, all to the satisfaction of the technical officer.   | 255 sq. yds. |          | 616.95    | 157,322     |
|      | <b>FINISHES</b>  |              |          |           |             |
| 14.  | 1/2" thick cement and sand render (1:3) to block walls, beams and columns (a.b.d.)   | 486 sq. yds. |          | 349.80    | 170,003     |
| 15.  | Ceramic tiles laid on 1" thick cement mortar and including sand fill.  | 143 sq. yds. |          | 1195.50   | 170,957     |
|      | <b>DOORS</b>   |              |          |           |             |
| 16.  | Provide and fix external quality "V" jointed solid door and door frame (size 3' - 0" x 6' - 8") and include for render to reveals.   | 2 No.        |          | 12168.00  | 24,336      |

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| 17.              | Provide and fix internal quality flush panel hollow core door and door frame (size 2' - 8" x 6' - 8") and include for render to reveals.  | 7        | No.  | 12107.10  | 84,750      |
| 18.              | Supply and install mortice lock complete to the satisfaction of the Technical Officer.  | 9        | No.  | 843.75    | 7,594       |
| 19.              | Supply and install sliding door   | 1        | No.  | 91200.00  | 91,200      |
| <b>WINDOWS</b>   |   |          |      |           |             |
| 20.              | Provide and fit french aluminium window 2' x 2' and include rendering to reveals  | 3        | No.  | 8854.40   | 26,563      |
| 21.              | Provide and fit french aluminium window 4' x 5' and include rendering to reveals  | 3        | No.  | 27515.04  | 82,545      |
| 22.              | Provide and fit french aluminium window 6' x 5' and include rendering to reveals  | 1        | No.  | 36816.32  | 36,816      |
| <b>ELECTRICS</b> |   |          |      |           |             |
| 23.              | The following items to be done by an approved electrician. The work is to be carried out in accordance with the drawings. The work covers the supply and installation of fixtures, cabling, switches etc. |          |      |           |             |
| 24.              | Wall mounted incandescent fixtures  | 17       | No.  | 2348.00   | 39,916      |

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| 25.                      | One-way switch including bakelite cover plate  | 17       | No.     | 2345.00   | 39,865      |
| 26.                      | Duplex outlet (110V) with bakelite cover   | 30       | No.     | 2226.50   | 66,795      |
| 27.                      | Duplex outlet (220V) with bakelite cover   | 8        | No.     | 2226.50   | 17,812      |
| 28.                      | To supply and install breaker panel & meter  | 1        | No.     | 76327.00  | 76,327      |
| 29.                      | Allow for conduit wiring, earthing, pothead, meter board and the like in connection with items above and for all arrangement to receive J.P.S. meter | 1        | No.     | 33567.00  | 33,567      |
| <b>PLUMBING FIXTURES</b> |  |          |         |           |             |
| 30.                      | Construct 4" thick kerb including render.  |          | Lin ft. |           |             |
| 31.                      | Construct laundry tub 2' - 0" sq and include for 1/2" dia. Brass tap and for making cold and wastewater connections.                                 | 1        | No.     | 14823.00  | 14,823      |
| 32.                      | Provide and fix low level toilet suite complete including making water connections.  | 3        | No.     | 14284.00  | 42,852      |

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| 33.                       | Provide and fix 22" x 16" white lav. Basin adequately supported and include for 1/2 dia. Chromium plated pillar tap and for making cold and wastewater connections. | 3        | No.      | 11204.00  | 33,612      |
| 34.                       | Provide and install paper holder.   | 3        | No.      | 642.45    | 1,927       |
| 35.                       | Provide and install stainless steel single bowl, single drain kitchen sink 24" x 30" and include for 1/2 dia. Brass tap for making cold and wastewater connections. | 1        | No.      | 23899.00  | 23,899      |
| <b>PIPES AND FITTINGS</b> |   |          |          |           |             |
| 36.                       | Supply and install shower and drain outlet.   | 2        | No.      | 3831.75   | 7,664       |
| 37.                       | Provide and install chromium plated shower rail.  | 2        | Lin ft.  | 175.80    | 352         |
| 38.                       | Supply and lay 1/2" dia. PVC pipe including fittings in floor and walls including chasing and making good.  | 231      | Lin yds. | 207.00    | 47,817      |
| 39.                       | E.O. for 1/2" dia. gate valve.  | 1        | No.      | 1675.50   | 1,676       |
| <b>DRAINAGE</b>           |   |          |          |           |             |
| 40.                       | 1 1/2" dia. PVC pipe in floor and trench not exceeding 2' - 0" deep and include for backfilling and the disposal of surplus.  | 82       | Lin yds. | 274.50    | 22,509.00   |

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| 41.  | Supply and lay 4" dia. PVC pipe depth to invert not exceeding 4" - 0" deep and include for backfilling and the disposal of surplus. Allow for testing.   | 56       | Lin yds. | 330.60    | 18,514      |
| 42.  | E.O. for 4" dia. 90 degree bend.   | 48       | No.      | 463.50    | 22,248      |
| 43.  | Supply, excavate and construct manhole 1' -6" sq. internally depth not exceeding 5' - 0" deep with 6" thick blockwall having 3/8" dia. bars in all cavities to be filled with concrete (1:3:6) base slab to be reinforced with concrete 9" thick, belt beam 6" thick reinforced. Include for providing light duty cast iron manhole cover and frame bedded in 1:3 mortar, internal walls to be rendered, benching to be provided for making all connection. Allow for backfilling and disposal of surplus. | 4        | No.      | 7748.85   | 30,995.40   |
| 44.  | Provide and construct 4" dia. trapped gully basin complete with grating and include for 4" thick block surround to be rendered.  | 4        | No.      | 3462.25   | 13,849.00   |
| 45.  | Supply and install Vaccino 380 gallons septic tank including excavation, backfilling, making all connections to system. Allow for making good around tank and dispose of surplus.  | 1        | No.      | 36768.60  | 36,768.60   |

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| 46.                  | Excavate 12' - 0" dia. Absorption pit depth not less than 12' - 0" and provide for dry pack rubble belt beams, 6" thick reinforced suspended slab including reinforcement. Allow for 2' - 0" sq. manhole frame and cover all as shown on plan. Allow for disposal of surplus earth. | 1        | No.      | 53742.45  | 53,742.45   |
| 47.                  | Supply and fix 2" dia. PVC vent pipe including connection to sewers and for all bends and straps necessary to hold to blockwall.  | 3        | No.      | 1372.50   | 4,117.50    |
| <b>PAINTING</b>      |   |          |          |           |             |
| 48.                  | Prepare, prime and paint two coats of plastic emulsion paint to rendered walls and other concrete surfaces including door and window reveals.   | 486      | sq. yds. | 233.50    | 113,481.00  |
| 49.                  | Prepare and paint two coats of plastic emulsion paint to plywood ceiling and eaves.   | 165      | sq. yds. | 205.00    | 33,825.00   |
| 50.                  | Prepare, prime and paint door and door frames with two coats oil paint; including surface in narrow width.  | 7        | No.      | 2470.00   | 17,290.00   |
| <b>PRELIMINARIES</b> |   |          |          |           |             |
| 51.                  | Allow for the provision of site shed for the duration of construction.  | 1        | No.      | 43804.00  | 43,804.00   |

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| 52.          | Allow for watching and the protection of all material and work (16 weeks). | 1        | No.  | 128000.00 | 128,000.00          |
| 53.          | Allow for transportation of materials to site.                             | 1        | No.  | 64840.00  | 64,840.00           |
| 54.          | To supply and install kitchen & bathroom fixtures                          | 1        |      | 267000    | 267,000.00          |
|              | Contingency  | 1        |      | 800,000   | 800,000.00          |
| <b>TOTAL</b> |  |          |      |           | <b>4,977,384.67</b> |