

|\*|21511-20-01-1|22/09/2022|07:25:25|. |2.3.11.0|  
 |\*|CSIR PHARMA Facility, Pretoria - BOQ Rev 1|  
 COUNTER|ISC|SECTION|BILL|PAGE NO|ITEM NO|DOC REF|PAY  
 REF|DESCRIPTION|UNIT|QUANTITY|RATE|AMOUNT|LABOUR INTENSIVE|WORDING|EDIT DATE  
 1|12759|2|1|1||1|BILL NO. 1|H1|0.0|||09/08/2022 10:51:56|  
 2|12760|2|1|1||1|ALTERATIONS|H1|0.0|||03/12/2021 02:48:44|  
 3|22674|2|1|1||1|NOTE: Tenderers are advised to study the Model Preambles for  
 Trades before pricing this bill||0.0|||03/12/2021 02:48:44|  
 4|22675|2|1|1||1|NOTE: Tenderers are advised to study the Lab Specialist and  
 Architectural specification pricing this bill||0.0|||03/12/2021 02:48:44|  
 5|16936|2|1|1||1|SUPPLEMENTARY PREAMBLES|H2|0.0|||03/12/2021 02:48:44|  
 6|19714|2|1|1||1|View site|H3|0.0|||03/12/2021 02:48:44|  
 7|19715|2|1|1||1|Before submitting his tender the contractor shall visit the  
 site and satisfy himself as to the nature and extent of the work to be done and  
 the value of the materials contained in the buildings or portions of the  
 buildings to be demolished. No claim for any variations of the contract sum in  
 respect of the nature and extent of the work or of inferior or damaged materials  
 will be entertained||0.0|||03/12/2021 02:48:44|  
 8|19716|2|1|1||1|Explosives|H3|0.0|||03/12/2021 02:48:44|  
 9|19717|2|1|1||1|No explosives whatsoever may be used in  
 demolitions||0.0|||03/12/2021 02:48:44|  
 10|16937|2|1|1||1|Generally|H3|0.0|||03/12/2021 02:48:44|  
 11|22658|2|1|1||1|The contractor shall carry out the whole of the works with as  
 little mess and noise as possible and with a minimum of disturbance to tenants  
 in the building and to adjoining premises and their tenants. He shall provide  
 proper protection and provide, erect and remove when directed, any temporary  
 tarpaulins that may be necessary during the progress of the works, all to the  
 satisfaction of the principal agent||0.0|||03/12/2021 02:48:44|  
 12|22659|2|1|2||2|Doors, fanlights, windows, fittings, frames, linings, etc  
 which are to be re-used shall be thoroughly overhauled before re-fixing  
 including taking off, easing and rehanging, cramping up, re-wedging as required  
 and making good cramps, dowels, etc, and oiling, adjusting and repairing  
 ironmongery as necessary, replacing any glass damaged in removal or subsequently  
 and stopping up all nail and screw holes with tinted plastic wood to match  
 timber, unless otherwise described. Re-painting or re-varnishing is given  
 separately||0.0|||03/12/2021 02:48:44|  
 13|22660|2|1|2||2|Making good of finishes shall include making good of the  
 brick and concrete surfaces onto which the new finishes are applied, where  
 necessary||0.0|||03/12/2021 02:48:44|  
 14|22661|2|1|2||2|The contractor will be required to take all dimensions  
 affecting the existing buildings on the site and he will be held solely

responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)||0.0|||||03/12/2021 02:48:44|

15|22662|2|1|2||2||Unless otherwise stated, the whole of the old materials arising from the alterations shall become the property of the contractor and shall be carted away from the site immediately it becomes available and credit shall be allowed for it In pricing, credits for old materials shall be offset against the charge so as to result in a net figure in the amount column||0.0|||||03/12/2021 02:48:44|

16|22663|2|1|2||2||Prices for the demolition of any structure shall include for its demolition complete with all surface finishes such as plaster, screeds, etc all attached items of joinery such as skirtings, etc and all reinforcement, conduit, pipes, lintels, etc built into that portion of the structure||0.0|||||03/12/2021 02:48:44|

17|22664|2|1|3||3||The whole of the demolitions shall be carried out with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their occupants. The site, structures and materials shall be kept well watered during the operations to prevent dust and all temporary tarpaulins, dust and weatherproof screens, barriers and temporary plumbing that may be necessary during the progress of the demolitions, shall be erected and maintained, all to the satisfaction of the architect and the municipal authorities, and removed when directed||0.0|||||03/12/2021 02:48:44|

18|22665|2|1|3||3||No claims for extras whatsoever will be entertained and no extension of time will be allowed should the contractor be prohibited by order of the police, the courts or other public bodies from using mechanical equipment, compressors, pneumatic drills or other noisy means of executing the demolitions||0.0|||||03/12/2021 02:48:44|

19|22666|2|1|3||3||Provide, erect and remove when directed all incidental shoring, needling, strutting, etc that may be necessary while carrying out any portion of the works to ensure stability of the premises with suitable and substantial timber and other materials. Prices for all items of demolition to form openings shall include for the provision of such support||0.0|||||03/12/2021 02:48:44|

20|22667|2|1|3||3||The contractor shall comply with all regulations and by-laws in force in connection with the use of electrical, mechanical and other equipment||0.0|||||03/12/2021 02:48:44|

21|22668|2|1|3||3||Allow for watering the works with a jet or spray sufficiently to prevent any nuisance from dust during the alterations or demolitions||0.0|||||03/12/2021 02:48:44|

22|22669|2|1|4||4||At the commencement of the demolition work the contractor shall give notice to the employer to whose premises any services such as water, telephone, electric power, etc are carried via or supported by the buildings to be demolished and shall ensure that such services are maintained without interruption||0.0|||||03/12/2021 02:48:44|

23|22670|2|1|4||4||The contractor shall remove from the site all drains, pipes,

conduits, wire and other obstructions which are encountered in demolishing. He shall plug and seal all water pipes, drains, pipes or other conduits remaining below ground level and ensure that no electric cables or wires remaining underground are alive. The contractor shall consult the architect before cutting off the water, fire service and sewerage systems|0.0||||03/12/2021 02:48:44|

24|22671|2|1|4||4||In taking down and removing existing work the utmost care shall be observed to avoid any structural or other damage to the remaining portions of the building. The contractor shall cover up and protect from injury all work not removed and shall make good at his own expense any damage that may occur|0.0||||03/12/2021 02:48:44|

25|22672|2|1|4||4||Provide and erect all casings and protection for and cover up all existing fittings, doors, windows, joinery work, walls, floors, etc. not disturbed during the alterations and clear away and make good at completion|0.0||||03/12/2021 02:48:44|

26|22673|2|1|4||4||The contractor shall collect and cart away all material and debris resulting from the demolitions. At completion of the demolition work the contractor shall leave the site in a thoroughly safe and sanitary condition to the complete satisfaction of the architect and the municipal authorities.  
|0.0||||03/12/2021 02:48:44|

27|26245|2|1|5||5||TEMPORARY FLOOR, ETC|H2|0.0||||19/09/2022 01:31:14|

28|26246|2|1|5||5||Temporary floor, etc including removal|H4|0.0||||19/09/2022 01:31:25|

29|26247|2|1|5| A|5. A||Existing steel floor to be cladded complete with approved plywood before specified floor finish can be installed, including corners, ends, etc. Refer to architect's drawing number 2022\_CSIR\_A.03.1.2|m2|151||||19/09/2022 01:35:28|

30|17148|2|1|5||5||REMOVAL OF EXISTING WORK|H2|0.0||||03/12/2021 02:48:44|

31|17149|2|1|5||5||Breaking down and removing brickwork etc|H3|0.0||||03/12/2021 02:48:44|

32|16322|2|1|5| B|5. B||Half Brick wall|m2|14||||20/09/2022 03:30:38|

33|19401|2|1|5| C|5. C||One Brick wall|m2|25||||20/09/2022 03:30:43|

34|25001|2|1|5| D|5. D||280mm Hollow walls of two half brick skins|m2|9||||20/09/2022 03:32:20|

35|22679|2|1|5||5||Breaking up and removing reinforced concrete, including cutting off and removing reinforcement|H3|0.0||||03/12/2021 02:48:44|

36|23892|2|1|5| E|5. E||150mm Thick surface beds, etc|m2|29||||09/12/2021 09:12:56|

37|23893|2|1|5| F|5. F||Cut 150mm surface bed to break out|m|59||||09/12/2021 09:12:56|

38|23842|2|1|5| G|5. G||Beams|m3|1|||||08/12/2021 12:03:57|

39|25050|2|1|5| H|5. H||Cut 230mm thick up stand beam to break out|m|5|||||23/03/2022 03:01:48|

40|22963|2|1|5||5||Taking down and removing roofs, floors, panelling, ceilings, partitions, etc|H3|0.0|||||20/09/2022 03:33:41|

41|22965|2|1|5| J|5. J||Lay-in Ceilings including removing all associated cornice, grid, etc.|m2|395|||||09/12/2021 12:47:00|

42|24208|2|1|5| K|5. K||Cold room ceilings including removing all associated cornice, grid, etc.|m2|15|||||09/12/2021 12:46:57|

43|26271|2|1|5| L|5. L||Drywall partitions 2500mm high, including skirtings, glazed borrowed lights, etc|m|13|||||20/09/2022 03:44:12|

44|26273|2|1|6| A|6. A||Cold Room panelling 2500mm high, including skirtings, glazed borrowed lights, etc|m|14|||||20/09/2022 03:44:08|

45|22968|2|1|6||6||Hacking up/off and removing tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes|H3|0.0|||||20/09/2022 03:47:10|

46|23408|2|1|6| B|6. B||Tiles fixed to floors|m2|46|||||08/12/2021 12:04:58|

47|23844|2|1|6| C|6. C||Tiles to treads and risers of stairs|m2|2|||||08/12/2021 12:05:51|

48|22970|2|1|6||6||Taking up / off and set aside for re-use external work|H3|0.0|||||03/12/2021 02:48:44|

49|22971|2|1|6| D|6. D||Lift up and set aside paving for re-use (Re-fixing in similar new position elsewhere measured)|m2|36|||||03/12/2021 02:48:44|

50|24730|2|1|6||6||Taking out and removing doors, windows, etc including thresholds, sills, etc from partitioning and building opening (elsewhere measured)|H3|0.0|||||13/03/2022 08:34:18|

51|24731|2|1|6| E|6. E||Glazed aluminium window not exceeding 2.5m2|No|3|||||13/03/2022 08:34:44|

52|24732|2|1|6| F|6. F||Glazed aluminium window exceeding 2.5m2 not exceeding 5m2|No|1|||||13/03/2022 08:35:56|

53|24727|2|1|6||6||Taking out and removing doors, windows, etc including thresholds, sills, etc from partitioning and prepare opening for new door, window, etc|H3|0.0|||||13/03/2022 08:29:11|

54|24728|2|1|6| G|6. G||Aluminium door and frame exceeding 2.5m2 and not exceeding 5m2|No|5|||||13/03/2022 08:30:06|

55|20400|2|1|6||6||Taking out and removing doors, windows, etc, including

thresholds, sills, etc (building up openings and making good finishes elsewhere)|H3|0.0|||||20/09/2022 03:50:40|

56|24209|2|1|6| H|6. H||Cold room door and frame not exceeding 2.5m2|No|1|||||09/12/2021 12:30:09|

57|23831|2|1|6| J|6. J||Timber door and steel frame not exceeding 2.5m2|No|5|||||09/12/2021 12:46:00|

58|23832|2|1|6| K|6. K||Glazed aluminium window not exceeding 2.5m2|No|4|||||09/12/2021 12:45:53|

59|23877|2|1|7| A|7. A||Glazed aluminium window exceeding 5m2 and not exceeding 7.5m2|No|3|||||09/12/2021 08:39:07|

60|23405|2|1|7||7||Taking out and removing roller shutter door including thresholds, sills, etc (building up openings elsewhere)|H3|0.0|||||07/12/2021 03:46:59|

61|23878|2|1|7| B|7. B||Roller shutter door 3 000 x 4 500mm high|No|1|||||09/12/2021 08:40:24|

62|23840|2|1|7||7||Carefully taking out and store sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)|H3|0.0|||||08/12/2021 11:54:40|

63|23841|2|1|7| C|7. C||Emergency Eye Drench Shower|No|1|||||08/12/2021 11:54:58|

64|19728|2|1|7||7||Take up and remove wood block floor coverings, vinyl floor coverings, carpeting, etc and prepare screeds for new floor finishes|H3|0.0|||||03/12/2021 02:48:44|

65|19986|2|1|7| D|7. D||Carpeted floor covering including removing all associated adhesives, skirtings, coves, etc|m2|54|||||20/09/2022 09:52:31|

66|23409|2|1|7| E|7. E||Vinyl fixed to floors including removing all associated adhesives, skirtings, coves, etc|m2|603|||||07/12/2021 03:59:59|

67|24472|2|1|7| F|7. F||Polyscreed including making floors good to receive new floor finish|m2|15|||||14/12/2021 04:20:47|

68|24725|2|1|7||7||Carefully taking off extractors / ducts|H3|0.0|||||13/03/2022 08:26:48|

69|24726|2|1|7| G|7. G||Carefully remove extractors / ducts from existing windows|No|5|||||13/03/2022 08:27:32|

70|24733|2|1|7||7||Taking out/off and removing sundry metalwork|H3|0.0|||||20/09/2022 03:51:50|

71|24734|2|1|7| H|7. H||Steel balustrades from concrete stairs, including making good floor finish|m2|20|||||20/09/2022 03:53:20|

72|24785|2|1|7||7||Carefully taking off aluminium louvre and handover to th Client|H3|0.0|||13/03/2022 11:04:12|

73|24784|2|1|7| J|7. J||Carefully take off and remove aluminium louvre with overall size 3 000 x 1 800mm high|No|1|||20/09/2022 03:54:40|

74|23415|2|1|8||8||OPENINGS THROUGH EXISTING WALLS|H2|0.0|||07/12/2021 03:54:27|

75|23416|2|1|8||8||Breaking out for and forming plain openings through brick walls including pre-stressed concrete lintels, making good plaster on both sides and into reveals and with unreinforced concrete thresholds with steel trowelled finish (making good paintwork elsewhere)|H3|0.0|||16/08/2022 02:03:07|

76|25992|2|1|8| A|8. A||Opening 200mm diameter in half brick wall|No|2|||16/08/2022 02:14:01|

77|25980|2|1|8| B|8. B||Opening 250 x 200mm high in half brick wall|No|4|||16/08/2022 02:06:44|

78|25981|2|1|8| C|8. C||Opening 250 x 300mm high in half brick wall|No|3|||16/08/2022 02:07:17|

79|25994|2|1|8| D|8. D||Opening 450mm diameter in one brick wall|No|2|||16/08/2022 02:14:56|

80|25997|2|1|8| E|8. E||Opening 560mm diameter in one brick wall|No|2|||16/08/2022 02:16:08|

81|25999|2|1|8| F|8. F||Opening 630mm diameter in one brick wall|No|1|||16/08/2022 02:17:04|

82|25978|2|1|8| G|8. G||Opening 250 x 250mm high in one brick wall|No|1|||16/08/2022 02:05:24|

83|25982|2|1|8| H|8. H||Opening 300 x 300mm high in one brick wall|No|1|||16/08/2022 02:07:48|

84|25988|2|1|8| J|8. J||Opening 50mm diameter in cavity brick wall|No|11|||16/08/2022 02:12:21|

85|25989|2|1|8| K|8. K||Opening 115mm diameter in cavity brick wall|No|1|||16/08/2022 02:12:48|

86|25990|2|1|8| L|8. L||Opening 150mm diameter in cavity brick wall|No|1|||16/08/2022 02:13:08|

87|25991|2|1|8| M|8. M||Opening 190mm diameter in cavity brick wall|No|1|||16/08/2022 02:13:28|

88|25993|2|1|8| N|8. N||Opening 450mm diameter in cavity brick wall|No|2|||16/08/2022 02:14:26|

89|25995|2|1|8| P|8. P||Opening 500mm diameter in cavity brick wall|No|1|||16/08/2022 02:15:19|

90|25996|2|1|8| Q|8. Q||Opening 560mm diameter in cavity brick wall|No|2|||16/08/2022 02:15:39|

91|25998|2|1|8| R|8. R||Opening 630mm diameter in cavity brick wall|No|1|||16/08/2022 02:16:33|

92|25979|2|1|8| S|8. S||Opening 250 x 200mm high in cavity brick wall|No|5|||16/08/2022 02:06:08|

93|25983|2|1|9| A|9. A||Opening 300 x 500mm high in cavity brick wall|No|1|||16/08/2022 02:08:17|

94|25984|2|1|9| B|9. B||Opening 400 x 300mm high in cavity brick wall|No|1|||16/08/2022 02:08:46|

95|25985|2|1|9| C|9. C||Opening 400 x 450mm high in cavity brick wall|No|1|||16/08/2022 02:09:13|

96|25986|2|1|9| D|9. D||Opening 600 x 300mm high in cavity brick wall|No|3|||16/08/2022 02:09:42|

97|25987|2|1|9| E|9. E||Opening 600 x 500mm high in cavity brick wall|No|2|||16/08/2022 02:10:00|

98|26000|2|1|9||9||Breaking out for and forming openings through brick walls for new doors and frames, including pre-stressed concrete lintels, making good cement plaster on both sides and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere)|H3|0.0|||16/08/2022 02:18:33|

99|23879|2|1|9| F|9. F||Opening 900 x 1 600mm high in one brick wall|No|1|||20/09/2022 03:55:07|

100|24795|2|1|9| G|9. G||Opening 900 x 2 100mm high in cavity brick wall|No|2|||20/09/2022 03:55:13|

101|23880|2|1|9| H|9. H||Opening 1 600 x 2 100mm high in one brick wall|No|1|||20/09/2022 03:55:20|

102|23881|2|1|9| J|9. J||Opening 1 840 x 2 800mm high in one brick wall|No|1|||20/09/2022 03:55:28|

103|26001|2|1|9||9||Breaking out for and forming openings through brick walls for new windows, including pre-stressed concrete lintels, making good cement plaster on both sides and into reveals and with sloping fibre-cement sills on outside and flat fibre-cement sills on inside (new windows and making good paintwork elsewhere)|H3|0.0|||16/08/2022 02:18:38|

104|24724|2|1|9| K|9. K||Opening 1 200 x 1 000mm high in cavity brick wall|No|4|||20/09/2022 03:55:41|

105|23410|2|1|9||9||BUILDING UP OPENINGS|H2|0.0|||||07/12/2021 03:49:35|

106|23411|2|1|9||9||Brickwork in NFP bricks in class II mortar in building up openings|H3|0.0|||||07/12/2021 03:49:35|

107|24230|2|1|9| L|9. L||230mm One brick walls of two half brick skins including wire ties|m2|5|||||20/09/2022 03:56:15|

108|23882|2|1|9| M|9. M||280mm Hollow walls of two half brick skins including wire ties|m2|57|||||20/09/2022 03:56:03|

109|23413|2|1|10||10||Sundries|H3|0.0|||||07/12/2021 03:49:35|

110|23414|2|1|10| A|10. A||Cutting toothings and bonding new brickwork to existing|m2|8|||||14/12/2021 06:53:30|

111|26260|2|1|10||10||REMEDIAL WORK TO EXISTING WINDOWS|H2|0.0|||||20/09/2022 09:58:45|

112|26261|2|1|10||10||Service and permanently seal existing windows|H3|0.0|||||20/09/2022 09:59:01|

113|26267|2|1|10| B|10. B||Making good and servicing window with overall size not exceeding 2.5m<sup>2</sup> with panes including fixing broken glazing and members, raking out existing sealant, prepare surface for new sealant and permanently sealing window with approved silicon sealant|No|7|||||20/09/2022 10:05:27|

114|26268|2|1|10| C|10. C||Making good and servicing window with overall size exceeding 2,5m<sup>2</sup> and not exceeding 5m<sup>2</sup> with panes including fixing broken glazing and members, raking out existing sealant, prepare surface for new sealant and permanently sealing window with approved silicon sealant|No|6|||||20/09/2022 10:05:49|

115|20765|2|1|10||10||PREPARATORY WORK TO EXISTING SURFACES|H2|0.0|||||03/12/2021 02:48:44|

116|22733|2|1|10||10||Preparing existing internal walls to be re-painted by removing existing wall-mounted equipment, fittings and cladding where applicable and strip off existing paint to base coat where paint is peeling and cracked|H3|0.0|||||03/12/2021 02:48:44|

117|22734|2|1|10| D|10. D||Preparing existing walls to be re-painted|m2|1013|||||03/12/2021 02:48:44|

118|16205|2|1|10||10||MAKING GOOD OF FINISHES ETC|H2|0.0|||||16/08/2022 03:23:40|

119|16206|2|1|10||10||Making good internal cement screeds|H3|0.0|||||03/12/2021 02:48:44|

120|20503|2|1|10| E|10. E||Screeds where 110mm brick walls removed|m|7|||||03/12/2021 02:48:44|

121|19487|2|1|10| F|10. F||Screeds where 230mm brick walls



removed|m|11|||03/12/2021 02:48:44|

122|16209|2|1|10|10|Making good cement plaster|H3|0.0|||20/09/2022 04:04:39|

123|20506|2|1|10|G|10. G|Walls where 110mm brick walls removed|m|8|||20/09/2022 04:05:50|

124|19488|2|1|10|H|10. H|Walls where 230mm brick walls removed|m|21|||20/09/2022 04:05:57|

125|26049|2|1|11|11|Making good vinyl floors, platform finish, etc|H3|0.0|||16/08/2022 03:27:51|

126|24626|2|1|11|A|11. A|Making good and prepare existing floor to receive new floor finish|m2|151|||16/08/2022 03:23:57|

127|0|2|1|||0.0|||22/09/2022 12:00:00|

128|24061|2|2|13|13|BILL NO. 2|H1|0.0|||09/08/2022 10:52:07|

129|24062|2|2|13|13|CONCRETE, FORMWORK AND REINFORCEMENT|H1|0.0|||09/12/2021 09:27:59|

130|24063|2|2|13|13|NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill|0.0|||09/12/2021 09:27:59|

131|24064|2|2|13|13|SUPPLEMENTARY PREAMBLES|H2|0.0|||09/12/2021 09:27:59|

132|24065|2|2|13|13|Cost of tests|H3|0.0|||09/12/2021 09:27:59|

133|24066|2|2|13|13|The costs of making, storing and testing of concrete test cubes as required under Clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Architect. The testing shall be undertaken by an independent firm or institution nominated by the Contractor to the approval of the Architect (Test cubes are measured separately)|0.0|||09/12/2021 09:27:59|

134|24067|2|2|13|13|Formwork|H3|0.0|||09/12/2021 09:27:59|

135|24068|2|2|13|13|Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself|0.0|||09/12/2021 09:27:59|

136|24069|2|2|14|14|Formwork to soffits of solid slabs, etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described Formwork has been measured to the sides of all reinforced concrete in foundations and will be remeasured according to actual usage. However, formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost

thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks" |0.0| || ||09/12/2021 09:27:59|

137|24078|2|2|14|14|REINFORCED CONCRETE|H2|0.0| || ||09/12/2021 09:27:59|

138|24079|2|2|14|14|30MPa/19mm concrete|H3|0.0| || ||09/12/2021 09:27:59|

139|24089|2|2|14|A|14. A|Isolated Beams|m3|1| || ||24/03/2022 12:23:23|

140|24100|2|2|14|14|TEST BLOCKS|H2|0.0| || ||09/12/2021 09:28:00|

141|24101|2|2|14|14|Test blocks|H3|0.0| || ||09/12/2021 09:28:00|

142|24102|2|2|14|B|14. B|Making and testing set of three 150 x 150 x 150mm concrete strength test cubes|No|1| || ||09/12/2021 12:39:52|

143|24129|2|2|14|14|FORMWORK|H2|0.0| || ||09/12/2021 09:28:01|

144|24130|2|2|14|14|ROUGH FORMWORK (DEGREE OF ACCURACY II)|H2|0.0| || ||09/12/2021 09:28:01|

145|24131|2|2|14|14|Rough formwork to sides|H3|0.0| || ||09/12/2021 09:28:01|

146|24138|2|2|14|C|14. C|Isolated Beams|m2|6| || ||20/09/2022 04:43:44|

147|24147|2|2|14|14|Rough formwork to soffits|H3|0.0| || ||09/12/2021 09:28:01|

148|24154|2|2|14|D|14. D|Isolated beams propped up exceeding 1.5m and not exceeding 3.5m high|m2|1| || ||09/12/2021 09:28:01|

149|24168|2|2|15|15|REINFORCEMENT|H2|0.0| || ||09/12/2021 09:28:01|

150|24169|2|2|15|15|Mild steel reinforcement to structural concrete work|H3|0.0| || ||09/12/2021 09:28:01|

151|26274|2|2|15|A|15. A|Various diameter mild steel bars|t|0.03| || ||20/09/2022 04:46:25|

152|24174|2|2|15|15|High tensile steel reinforcement to structural concrete work|H3|0.0| || ||09/12/2021 09:28:02|

153|26275|2|2|15|B|15. B|Various diameter high tensile steel bars|t|0.46| || ||20/09/2022 04:47:44|

154|25022|2|2|15|15|High tensile steel dowel bars|H3|0.0| || ||17/08/2022 03:39:03|

155|25023|2|2|15|C|15. C|20mm Diameter dowel bar 150mm long with both end embedded 75mm deep in existing concrete columns and fixed to new concrete beam as per engineers detail|No|4| || ||17/08/2022 03:40:22|

156|0|2|2| || || ||0.0| || ||22/09/2022 12:00:00|

157|16001|2|3|17||17||BILL NO. 3|H1|0.0|||09/08/2022 10:52:17|

158|16002|2|3|17||17||MASONRY|H1|0.0|||03/12/2021 02:48:44|

159|16003|2|3|17||17||NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill|0.0|||03/12/2021 02:48:44|

160|16004|2|3|17||17||SUPPLEMENTARY PREAMBLES|H2|0.0|||03/12/2021 02:48:44|

161|16005|2|3|17||17||BRICKWORK|H2|0.0|||03/12/2021 02:48:44|

162|16006|2|3|17||17||Sizes in descriptions|H3|0.0|||03/12/2021 02:48:44|

163|16007|2|3|17||17||Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick|0.0|||03/12/2021 02:48:44|

164|16008|2|3|17||17||Hollow walls, etc|H3|0.0|||03/12/2021 02:48:44|

165|16009|2|3|17||17||Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixeal" bitumen emulsion waterproof coating|0.0|||03/12/2021 02:48:44|

166|23284|2|3|17||17||Face bricks |H3|0.0|||03/12/2021 02:48:44|

167|23285|2|3|17||17||Bricks shall be ordered timeously to obtain uniformity in size and colour|0.0|||03/12/2021 02:48:44|

168|16010|2|3|17||17||Pointing|H3|0.0|||03/12/2021 02:48:44|

169|16011|2|3|17||17||Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc|0.0|||03/12/2021 02:48:44|

170|16012|2|3|18||18||Samples|H3|0.0|||03/12/2021 02:48:44|

171|16013|2|3|18||18||Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of six units. Samples of building units to be used in walls described as "load bearing" shall consist of thirty units from every thirty thousand units delivered to site|0.0|||03/12/2021 02:48:44|

172|16019|2|3|18||18||SUPERSTRUCTURE BRICKWORK|H2|0.0|||03/12/2021 02:48:44|

173|16020|2|3|18||18||Brickwork of NFP bricks in class II mortar|H3|0.0|||20/09/2022 04:51:37|

174|20904|2|3|18| A|18. A||110mm Half Brick wall|m2|157|||10/08/2022 11:02:27|

175|16021|2|3|18| B|18. B||230mm One brick walls|m2|8|||20/09/2022 08:08:04|

176|25002|2|3|18| C|18. C|280mm Cavity brick walls|m2|28|||||22/03/2022 03:53:59|

177|25808|2|3|18||18||FACE BRICKWORK|H2|0.0|||||10/08/2022 11:03:12|

178|25809|2|3|18||18||Face bricks pointed with recessed horizontal and vertical joints|H3|0.0|||||20/09/2022 08:18:48|

179|25810|2|3|18| D|18. D||Extra over brickwork for face brickwork in superstructure|m2|43|||||10/08/2022 11:03:57|

180|16026|2|3|18||18|| BRICKWORK SUNDRIES|H2|0.0|||||03/12/2021 02:48:44|

181|24798|2|3|18| E|18. E||Closing 50mm cavity of hollow walls vertically with brickwork half brick wide|m|29|||||22/03/2022 09:08:36|

182|24800|2|3|18| F|18. F||Closing 50mm cavity of hollow walls horizontally with two courses of brickwork|m|11|||||22/03/2022 09:08:37|

183|24739|2|3|18| G|18. G||Plaster coping|m|46|||||13/03/2022 08:49:30|

184|24803|2|3|19||19||Brickwork reinforcement|H3|0.0|||||22/03/2022 09:09:05|

185|16042|2|3|19| A|19. A||75mm Wide reinforcement built in horizontally|m|454|||||16/08/2022 03:33:42|

186|19803|2|3|19| B|19. B||150mm Wide reinforcement built in horizontally|m|9|||||03/12/2021 02:48:44|

187|19343|2|3|19||19||"Stresso" pre-stressed fabricated lintels|H3|0.0|||||03/12/2021 02:48:44|

188|19344|2|3|19| C|19. C||90 x 75mm Lintels in lengths not exceeding 3m|m|84|||||03/12/2021 02:48:44|

189|0|2|3||||||0.0|||||22/09/2022 12:00:00|

190|24813|2|4|21||21||BILL NO. 4|H1|0.0|||||09/08/2022 10:52:23|

191|24814|2|4|21||21||WATERPROOFING|H1|0.0|||||22/03/2022 09:10:31|

192|24815|2|4|21||21||NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill||0.0|||||22/03/2022 09:10:31|

193|24816|2|4|21||21||SUPPLEMENTARY PREAMBLES|H2|0.0|||||22/03/2022 09:10:31|

194|24817|2|4|21||21||Waterproofing|H3|0.0|||||22/03/2022 09:10:31|

195|24818|2|4|21||21||Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets, etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs||0.0|||||22/03/2022 09:10:31|

196|24819|2|4|21||21||DAMPPROOFING OF WALLS AND FLOORS|H2|0.0|||||22/03/2022 09:10:31|

197|24820|2|4|21||21||One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"|H3|0.0|||||22/03/2022 09:10:31|

198|24821|2|4|21| A|21. A||Under surface beds|m2|98|||||22/03/2022 09:10:31|

199|24822|2|4|21||21||One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course|H3|0.0|||||22/03/2022 09:10:31|

200|24823|2|4|21| B|21. B||In walls|m2|20|||||22/03/2022 09:10:31|

201|26098|2|4|21||21||Prepare and apply three coats dura flex or similar approved waterproofing system with 100mm wide end laps including sealing laps at corners with 100mm double sided tape as per manufacturers specifications|H3|0.0|||||20/09/2022 08:02:23|

202|26099|2|4|21| C|21. C||Dress waterproofing into waste outlet including additional membrane and waterproofing|No|7|||||17/08/2022 12:31:50|

203|24829|2|4|22||22||JOINT SEALANTS, ETC|H2|0.0|||||22/03/2022 09:10:31|

204|24830|2|4|22||22||Approved silicone pointing|H3|0.0|||||22/03/2022 09:10:31|

205|24831|2|4|22| A|22. A||Between aluminium windows, shopfronts, doors etc and walls|m|23|||||16/08/2022 03:34:03|

206|24832|2|4|22| B|22. B||Between timber doors etc and walls|m|10|||||22/03/2022 09:10:31|

207|24833|2|4|22||22||"Sikaflex pro 2HP" two-part polyurethane joint sealing compound including backing cord, bond breaker, etc|H3|0.0|||||20/09/2022 08:01:40|

208|24834|2|4|22| C|22. C||3 x 6mm In saw cut joints in floors|m|29|||||22/03/2022 09:10:31|

209|0|2|4||||||0.0|||||22/09/2022 12:00:00|

210|24582|2|5|24||24||BILL NO. 5|H1|0.0|||||10/08/2022 10:10:19|

211|24583|2|5|24||24||ROOF COVERINGS, ETC|H1|0.0|||||14/12/2021 07:25:31|

212|24584|2|5|24||24||NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill||0.0|||||14/12/2021 07:25:31|

213|24585|2|5|24||24||SUPPLEMENTARY PREAMBLES|H2|0.0|||||14/12/2021 07:25:31|

214|24586|2|5|24||24||Guarantees|H3|0.0|||||14/12/2021 07:25:31|

215|24587|2|5|24||24||The contractor will be required to provide a written guarantee for the roof covering as follows: - Galvanised roof covering material

- five years - Chromadek roof covering material - ten years - Workmanship - ten years||0.0|||||14/12/2021 07:25:31|

216|24588|2|5|24||24||PROFILED METAL SHEETING AND ACCESSORIES|H2|0.0|||||14/12/2021 07:25:31|

217|24589|2|5|24||24||Sheeting shall be Aluminium Zinc coated IBR with approval from architect prior to installation and a standard backing coat, in strict accordance with the manufacturers instructions. Fixed to steel complete in its entirety by a approved contractor in strict accordance with manufacturer's specifications, refer to drawing number 21\_028-LTS-DR-ZZ-LS-L00-190001-T-A, 21\_028-LTS-DR-ZZ-LS-L00-190002-T-A|H3|0.0|||||20/09/2022 09:28:06|

218|24590|2|5|24| A|24. A||Roof coverings with pitch not exceeding 25 degrees|m2|8|||||23/03/2022 08:04:05|

219|26073|2|5|24||24||IBR roll-formed in continuous lengths to match existing , fixed to steel complete with and including all fixings, etc. All in accordance with the manufacturer's specifications, refer to drawing number 21\_028-LTS-DR-ZZ-LS-L00-190001-T-A, 21\_028-LTS-DR-ZZ-LS-L00-190002-T-A|H3|0.0|||||20/09/2022 09:29:17|

220|26071|2|5|24| B|24. B||Barge flashing 660mm girth|m|16|||||16/08/2022 04:06:11|

221|26072|2|5|24| C|24. C||Apex flashings 462mm girth|m|8|||||16/08/2022 04:04:45|

222|0|2|5||||||0.0|||||22/09/2022 12:00:00|

223|12811|2|6|25||25||BILL NO. 6|H1|0.0|||||09/08/2022 10:52:40|

224|12796|2|6|25||25||CARPENTRY AND JOINERY|H1|0.0|||||03/12/2021 02:48:44|

225|16950|2|6|25||25||NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill||0.0|||||03/12/2021 02:48:44|

226|16951|2|6|25||25||SUPPLEMENTARY PREAMBLES|H2|0.0|||||03/12/2021 02:48:44|

227|16952|2|6|25||25||Particle board shall comply with the following specifications: a) SABS 1300 Particle board: exterior and flooring type b) SABS 1301 Particle board: interior type||0.0|||||03/12/2021 02:48:44|

228|16953|2|6|25||25||Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc||0.0|||||03/12/2021 02:48:44|

229|16954|2|6|25||25||Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes||0.0|||||03/12/2021 02:48:44|

230|16955|2|6|25||25||Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete||0.0|||||03/12/2021 02:48:44|

231|16956|2|6|25||25||Laminate finish shall be glued under pressure. Edge

strips shall be butt jointed at junctions with adjacent similar finish||0.0|||||03/12/2021 02:48:44|

232|16957|2|6|26||26||The following joinery fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, gluing, blocking, planting on and screwing with countersunk screws, edge strips, skirtings, trims, framework, decorative plastics finish, glass, ironmongery, metalwork, paint or varnish finishes, etc||0.0|||||03/12/2021 02:48:44|

233|16958|2|6|26||26||Prices are to include for all ironmongery, finishes, etc unless otherwise described||0.0|||||03/12/2021 02:48:44|

234|16959|2|6|26||26||Prices are to include for the making of holes, etc to accommodate lighting, conduits, pipes, fittings, etc||0.0|||||03/12/2021 02:48:44|

235|16960|2|6|26||26||Prices are to include for approved silicon sealant at all junctions of work tops, sides, panels, etc. with walls ||0.0|||||03/12/2021 02:48:44|

236|16961|2|6|26||26||Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete||0.0|||||03/12/2021 02:48:44|

237|26110|2|6|26||26||STRUCTURAL TIMBERWORK, ETC|H2|0.0|||||17/08/2022 03:34:27|

238|26111|2|6|26||26||South African Pine|H3|0.0|||||17/08/2022 03:13:44|

239|26113|2|6|26| A|26. A||38 x 38mm Ceiling joists in lengths exceeding 2,4m and not exceeding 3,9m|m|55|||||17/08/2022 03:27:57|

240|26114|2|6|26| B|26. B||38 x 38mm Ceiling joists in lengths exceeding 3,9m and not exceeding 6,6m|m|232|||||17/08/2022 03:28:04|

241|26194|2|6|26| C|26. C||50 x 75mm Ceiling joists in lengths exceeding 3,9m and not exceeding 6,6m|m|83|||||22/08/2022 07:43:25|

242|26115|2|6|26| D|26. D||38 x 114mm Bolted beams in single lengths exceeding 3,9m and not exceeding 6,6m|m|150|||||21/09/2022 08:56:04|

243|26195|2|6|26| E|26. E||50 x 225mm Bolted rafters in single lengths exceeding 3,9m and not exceeding 6,6m|m|62|||||21/09/2022 08:56:36|

244|26132|2|6|27||27||Sundries|H3|0.0|||||17/08/2022 03:31:08|

245|26133|2|6|27| A|27. A||Multi purpose joist hangers bolted to brick walls / concrete / partition wall including bolts, refer to architect's drawing 2022\_CSIR\_A.03.3.1|No|86|||||23/08/2022 01:29:59|

246|25857|2|6|27||27||EAVES, VERGES, ETC|H2|0.0|||||10/08/2022 04:12:17|

247|25858|2|6|27||27||Wrought meranti|H3|0.0|||||10/08/2022 04:15:58|

248|25859|2|6|27| B|27. B||12 x 220mm fascia boards fastened to ends of  
trusses/wall complete with H-section cover strips at joints|m|7||||10/08/2022  
04:15:49|

249|25780|2|6|27||27||FIRE DOORS|H2|0.0||||10/08/2022 06:51:40|

250|19550|2|6|27||27||Purpose made Class A fire door with "Plascon Velvago"  
finishes both sides with horizontal grooves to match "Lotus Amoretti Milano SUP  
Horizontal MDF doors", with and including rebated steel frame, ironmongery  
suitable for brick walls, as per the architect's door schedules and lab internal  
architecture schedules|H3|0.0||||10/08/2022 09:52:22|

251|25144|2|6|27| C|27. C||60min Fire Rated door type D\_TD121b size 900 x 2  
100mm high hung to and including single rebate steel door frame, additional  
studding, trimming, concealed edges etc. complete in its entirety as per the  
architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and door schedule  
2022\_CSIR\_A.10.21 and 21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|2||||10/08/2022  
09:52:49|

252|20242|2|6|27| D|27. D||60min Fire Rated door type D\_TD183b size 1 500 x 2  
100mm high hung to and including single rebate steel door frame, additional  
studding, cut-out for viewing panel, trimming, concealed edges etc. complete in  
its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A  
and door schedule 2022\_CSIR\_A.10.9 and 2022\_CSIR\_A.10.21 and  
21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|3||||10/08/2022 09:53:03|

253|25778|2|6|28| A|28. A||60min Fire Rated door type D\_TD183b size 1 500 x 2  
100mm high hung to and including single rebate steel door frame, additional  
studding, cut-out for viewing panel, trimming, concealed edges etc. complete in  
its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A  
and door schedule 2022\_CSIR\_A.10.26 and  
21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|1||||10/08/2022 09:53:07|

254|25779|2|6|28| B|28. B||60min Fire Rated door type D\_TD193b size 1 800 x 2  
132mm high hung to and including single rebate steel door frame, additional  
studding, cut-out for viewing panel, trimming, concealed edges etc. complete in  
its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A  
and door schedule 2022\_CSIR\_A.10.19 and  
21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|1||||10/08/2022 09:53:11|

255|24191|2|6|28||28||SKIRTINGS, CORNICES, ETC|H2|0.0||||09/12/2021 10:21:42|

256|24192|2|6|28||28||Wrought meranti|H3|0.0||||09/12/2021 10:21:42|

257|24193|2|6|28| C|28. C||22 x 90mm Skirting with a rounded top edge plugged to  
wall including an 6 x 6mm notch|m|98||||09/12/2021 10:21:42|

258|14372|2|6|28||28||JOINERY FITTINGS|H2|0.0||||03/12/2021 02:48:44|

259|22431|2|6|28||28||All joinery complete as per lab specialist's drawing:  
"21\_028-LTS-DR-ZZ-LS-L00-170001-L-A" and "21\_028-LTS-DR-ZZ-LS-L00-170002-L-A"  
and Architects Joinery Drawings: "2022\_CSIR\_A.08.1"|H3|0.0||||08/08/2022  
08:24:42|



260|16326|2|6|28|28|Custom built Kitchenettes, vanities, Counters,  
etc|H3|0.0|||||03/12/2021 02:48:44|

261|25309|2|6|28|D|28. D|Kitchenette with overall unit size 2 970 x 600 x  
900mm high, formed of 16mm PG Bison accent doors, 16mm Melamine Shelves, 30mm  
Granite Counter Top, handles, drawers etc, complete in its entirety as per  
drawings: "2022\_CSIR\_A.08.1" (sink, tiles and partition wall measured  
elsewhere)|No|1|||||22/08/2022 01:29:43|

262|25310|2|6|29|A|29. A|Wall mounted kitchen cabinet with overall unit size 1  
200 x 300 x 750mm high, formed of 16mm PG Bison accent doors, 16mm Melamine  
Shelves, handles etc, complete in its entirety as per drawings:  
"2022\_CSIR\_A.08.1"|No|1|||||08/08/2022 08:37:55|

263|25311|2|6|29|B|29. B|Wall mounted kitchen cabinet with overall unit size 1  
000 x 300 x 750mm high, formed of 16mm PG Bison accent doors, 16mm Melamine  
Shelves, handles etc, complete in its entirety as per drawings:  
"2022\_CSIR\_A.08.1"|No|1|||||08/08/2022 08:37:58|

264|25197|2|6|29|C|29. C|Stainless steel table with lockable casters overall  
size 1200 x 800mm complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A  
and Laboratory fit out specification document|No|1|||||08/08/2022 08:47:15|

265|16327|2|6|29|D|29. D|Display cabinet with overall unit size 3 018 x 500 x  
2 355mm high, formed of 16mm PG Bison Accent doors, 16mm PG Bison Accent  
Melawood Open Shelves, 22mm PG Bison Accent Range Melawood Counter Top, 8mm  
Tempered Glass Frameless triple sliding cabinet doors, flat aluminium bar  
handles, Wall mount heavy duty shelf support etc, complete in its entirety as  
per drawings : "2022\_CSIR\_A.08.2"|No|1|||||22/08/2022 01:22:53|

266|22455|2|6|29|29|2mm Stainless steel step over bench with storage  
below|H3|0.0|||||08/08/2022 08:50:16|

267|25315|2|6|29|E|29. E|Step over bench 1 914 x 450mm high bolted to floor  
complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory  
fit out specification document|No|1|||||08/08/2022 08:51:43|

268|22453|2|6|30|30|16mm Melamine Laboratory Under Bench Cabinets (Colour:  
"White")|H3|0.0|||||03/12/2021 02:48:44|

269|22459|2|6|30|A|30. A|Type C\_CF221f Custom built vacuum pump cabinet 468 x  
500 x 848mm high under bench cabinet consisting of no doors and airvents on side  
of cabinet complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and  
Laboratory fit out specification document|No|4|||||08/08/2022 08:58:23|

270|25317|2|6|30|B|30. B|Type C\_CF221m Waste cupboard 468 x 500 x 848mm high  
under bench cabinet complete as per drawing no:  
21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|4|||||08/08/2022 08:58:31|

271|25318|2|6|30|C|30. C|Type C\_CF222d Fixed cabinet 968 x 500 x 848mm high  
under bench cabinet consisting of non-lockable double drawers and double doors  
complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory

fit out specification document|No|5|||||08/08/2022 09:01:13|

272|25319|2|6|30| D|30. D||Type C\_CM121d Mobile cabinet 450 x 500 x 698mm high under bench cabinet consisting of non-lockable single drawers and doors complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||08/08/2022 09:03:07|

273|25320|2|6|30| E|30. E||Type C\_CM122b Mobile cabinet 968 x 500 x 698mm high under bench cabinet consisting of non-lockable single drawers complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||08/08/2022 09:04:25|

274|25321|2|6|30| F|30. F||Type C\_CM122d Mobile cabinet 968 x 500 x 698mm high under bench cabinet consisting of non-lockable double drawers and doors complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|6|||||08/08/2022 09:05:16|

275|25322|2|6|31| A|31. A||Type C\_CM212d Mobile cabinet 968 x 360 x 848mm high under bench cabinet consisting of non-lockable drawers and doors complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||08/08/2022 09:06:15|

276|25323|2|6|31| B|31. B||Type C\_CM212f Mobile cabinet 968 x 360 x 848mm high under bench cabinet consisting of non-lockable doors complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||08/08/2022 09:07:13|

277|25324|2|6|31| C|31. C||Type C\_CM221 Mobile cabinet 468 x 500 x 848mm high under bench cabinet consisting of non-lockable single drawers complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|5|||||08/08/2022 09:08:05|

278|25325|2|6|31| D|31. D||Type C\_CM221d Mobile cabinet 450 x 500 x 848mm high under bench cabinet consisting of non-lockable drawers and doors complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|6|||||08/08/2022 09:32:26|

279|25326|2|6|31| E|31. E||Type C\_CM222b Mobile cabinet 968 x 500 x 848mm high under bench cabinet consisting of non-lockable full drawers complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|8|||||08/08/2022 09:09:38|

280|25327|2|6|31| F|31. F||Type C\_CM222d Mobile cabinet 968 x 500 x 848mm high under bench cabinet consisting of non-lockable drawers and doors complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|10|||||08/08/2022 09:10:35|

281|25328|2|6|32| A|32. A||Type C\_CM222f Cabinet 968 x 500 x 848mm high under bench cabinet consisting of non-lockable doors complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|15|||||08/08/2022 09:31:03|

282|25329|2|6|32| B|32. B||Type C\_CS222h Fixed sink cabinet 968 x 500 x 848mm high under bench cabinet consisting of non-lockable doors with fixed panels

complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|3|||08/08/2022 09:32:19|

283|22462|2|6|32||32||16mm Melamine Floor Standing Filing Cabinets (Colour: "White")|H3|0.0|||03/12/2021 02:48:44|

284|25156|2|6|32| C|32. C||Wall Mounted Cabinet 1 000 x 290 x 1 225mm high filling cabinet consisting of double doors|No|3|||06/04/2022 10:15:31|

285|25157|2|6|32| D|32. D||Floor standing storage cabinet with full glass inserts on doors 1695 x 600 x 750mm high|No|6|||06/04/2022 10:17:35|

286|25158|2|6|32| E|32. E||Floor standing storage cabinet with full glass inserts on doors 1200 x 300 x 750mm high|No|1|||06/04/2022 10:20:47|

287|25159|2|6|32| F|32. F||Floor standing storage cabinet with full glass inserts on doors 1480 x 600 x 2100mm high|No|2|||06/04/2022 10:24:04|

288|25097|2|6|32||32||"Granite" solid core worktops to be fitted on epoxy powder coated steel bench frames (bench frames elsewhere measured)|H3|0.0|||06/04/2022 12:45:27|

289|25098|2|6|32| G|32. G||Bench top (Type F\_BT3c) 600 x 20mm thick|m|2|||06/04/2022 12:45:50|

290|14959|2|6|32||32||"Trespa/Durcon Steel/Silver Grey" solid core worktops to be fitted on epoxy powder coated steel bench frames (bench frames elsewhere measured)|H3|0.0|||03/12/2021 02:48:44|

291|22433|2|6|32| H|32. H||Bench top (Type F\_BT1a) 600 x 20mm thick|m|8|||03/12/2021 02:48:44|

292|25096|2|6|32| J|32. J||Bench top (Type F\_BT3a) 800 x 20mm thick|m|97|||06/04/2022 12:42:28|

293|25372|2|6|33||33||32mm epoxy coated square tubing frame (Type FF132a), 800 x 750mm high|H3|0.0|||08/08/2022 11:49:57|

294|25373|2|6|33| A|33. A||Bench frame consisting of 1 x left upright, 1 x right upright, 5 No. of centre uprights (750mm high), 6 No. of 970mm connectors (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||08/08/2022 12:18:14|

295|25374|2|6|33| B|33. B||Bench frame consisting of 1 x left upright, 1 x right upright, 6 No. of centre uprights (750mm high), 6 No. of 970mm connectors (3 pieces), 1 No. of 370mm connectors (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||08/08/2022 12:18:24|

296|25369|2|6|33||33||32mm epoxy coated square tubing frame (Type FF232a), 800 x 900mm high|H3|0.0|||08/08/2022 11:41:45|

297|25370|2|6|33| C|33. C||Bench frame consisting of 1 x left upright, 1 x right upright, 1 No. of 970mm connectors (3 pieces), complete as per drawing no:

21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|1|||||08/08/2022 12:14:01|

298|25371|2|6|33| D|33. D||Bench frame consisting of 1 x left upright, 1 x right upright, 1 No. of centre uprights (900mm high), 1 No. of 970mm connectors (3 pieces) and 1 No. of 190mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|1|||||08/08/2022 12:14:43|

299|25375|2|6|33| E|33. E||Bench frame consisting of 1 x left upright, 1 x right upright, 1 No. of centre uprights (900mm high), 1 No. of 970mm connectors (3 pieces) and 1 No. of 470mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|4|||||08/08/2022 12:15:11|

300|25376|2|6|34| A|34. A||Bench frame consisting of 1 x left upright, 1 x right upright, 1 No. of centre uprights (900mm high), 1 No. of 970mm connectors (3 pieces) and 1 No. of 580mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|2|||||08/08/2022 12:15:22|

301|25377|2|6|34| B|34. B||Bench frame consisting of 1 x left upright, 1 x right upright, 2 No. of centre uprights (900mm high), 2 No. of 970mm connectors (3 pieces) and 1 No. of 160mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|1|||||08/08/2022 12:15:29|

302|25378|2|6|34| C|34. C||Bench frame consisting of 1 x left upright, 1 x right upright, 2 No. of centre uprights (900mm high), 2 No. of 970mm connectors (3 pieces) and 1 No. of 400mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|1|||||08/08/2022 12:15:34|

303|25379|2|6|34| D|34. D||Bench frame consisting of 1 x left upright, 1 x right upright, 2 No. of centre uprights (900mm high), 2 No. of 970mm connectors (3 pieces) and 1 No. of 750mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|1|||||08/08/2022 12:15:44|

304|25380|2|6|34| E|34. E||Bench frame consisting of 1 x left upright, 1 x right upright, 3 No. of centre uprights (900mm high), 3 No. of 970mm connectors (3 pieces) and 1 No. of 685mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification  
document|No|2|||||08/08/2022 12:15:57|

305|25381|2|6|34| F|34. F||Bench frame consisting of 1 x left upright, 1 x right upright, 3 No. of centre uprights (900mm high), 4 No. of 970mm connectors (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|5|||||08/08/2022 12:16:02|

306|25382|2|6|35| A|35. A||Bench frame consisting of 1 x left upright, 1 x right upright, 4 No. of centre uprights (900mm high), 4 No. of 970mm connectors (3 pieces) and 1 No. of 360mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification

document|No|2|||||08/08/2022 12:16:40|

307|25383|2|6|35| B|35. B||Bench frame consisting of 1 x left upright, 1 x right upright, 5 No. of centre uprights (900mm high), 6 No. of 970mm connectors (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||08/08/2022 12:16:49|

308|25384|2|6|35| C|35. C||Bench frame consisting of 1 x left upright, 1 x right upright, 7 No. of centre uprights (900mm high), 7 No. of 970mm connectors (3 pieces) and 1 No. of 720mm connector (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||08/08/2022 12:17:10|

309|25385|2|6|35| D|35. D||Bench frame consisting of 1 x left upright, 1 x right upright, 7 No. of centre uprights (900mm high), 8 No. of 970mm connectors (3 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||08/08/2022 12:17:25|

310|25300|2|6|35||35||50mm epoxy powder coated square tubing modular frame (Type FB212c), 600 x 900mm high|H3|0.0|||||08/08/2022 07:25:41|

311|25301|2|6|35| E|35. E||Bench frame type C\_FB212c consisting of 1 x left upright, 1 x right upright, 1 No. of 900mm connectors ( 4 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|2|||||08/08/2022 12:13:02|

312|25202|2|6|36||36||32mm epoxy coated square tubing modular frame (Type FW211a), 600 x 900mm high|H3|0.0|||||08/08/2022 10:59:20|

313|22446|2|6|36| A|36. A||Bench frame type C\_FW211a consisting of 1 x left upright, 1 x right upright, 1 No. of 1 140mm connectors (4 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|4|||||08/08/2022 11:03:45|

314|25336|2|6|36||36||32mm epoxy coated square tubing modular frame (Type FW232a), 800 x 900mm high|H3|0.0|||||08/08/2022 11:02:55|

315|25203|2|6|36| B|36. B||Bench frame type C\_FW232a consisting of 1 x left upright, 1 x right upright, 1 No. of 1 140mm connectors (4 pieces), complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|6|||||08/08/2022 11:03:53|

316|23262|2|6|36||36||Stainless Steel wall mounted coat hanging hooks|H3|0.0|||||08/08/2022 09:38:34|

317|25155|2|6|36| C|36. C||Coat hook with overall size 500 x 130mm High (5 Hooks), Type F\_CH001, complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|3|||||08/08/2022 09:39:30|

318|23263|2|6|36| D|36. D||Coat hook with overall size 1 000 x 130mm High (10 Hooks), Type F\_CH002, complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|3|||||08/08/2022 09:40:02|

319|19276|2|6|37||37||SHELVING|H2|0.0|||||03/12/2021 02:48:44|

320|22458|2|6|37||37||2mm Brushed stainless steel Grade 316 with perforated shelves|H3|0.0|||||03/12/2021 02:48:44|

321|26248|2|6|37| A|37. A||Type C\_SF344d Brushed stainless steel floor standing shelving unit 4 174mm length x 450mm depth x 1 500mm high with 4 tiers fixed complete including all fixings, etc as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|1|||||19/09/2022 02:45:32|

322|26255|2|6|37||37||2mm Bright white powder coated mild steel shelves|H3|0.0|||||19/09/2022 02:44:59|

323|26250|2|6|37| B|37. B||Type C\_SW324d Powder coated steel wall band shelving unit 900mm length x 350mm depth x 1 500mm high with 4 tiers fixed complete including all fixings, etc as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|6|||||19/09/2022 02:01:11|

324|26254|2|6|37||37||16mm Melamine shelves with edging to timber edges|H3|0.0|||||19/09/2022 02:43:45|

325|26253|2|6|37| C|37. C||Type C\_SW324b Melamine wall band shelving unit 900mm length x 350mm depth x 1 500mm high with 4 tiers fixed complete including all fixings, etc as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|10|||||19/09/2022 02:38:12|

326|22451|2|6|37||37||STORAGE CABINETS|H2|0.0|||||03/12/2021 02:48:44|

327|22452|2|6|37||37||1mm Cold-rolled steel treated with phosphate Shelving with a baked powder epoxy coating (Colour: ''Slate Grey'' smooth finish)|H3|0.0|||||03/12/2021 02:48:44|

328|25331|2|6|37| D|37. D||Melamine floor standing locker cabinet unit 2 100mm high with 3 tiers, complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|9|||||08/08/2022 09:53:06|

329|24717|2|6|38||38||PEGBOARDS|H2|0.0|||||08/08/2022 09:40:50|

330|25330|2|6|38||38||Polypropylene Pegboard|H3|0.0|||||08/08/2022 09:41:23|

331|25196|2|6|38| A|38. A||1000 x 1000mm high epoxy resin pegboard, Type F\_PB010 complete as per drawing no: 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and Laboratory fit out specification document|No|2|||||08/08/2022 09:44:45|

332|0|2|6||||||0.0|||||22/09/2022 12:00:00|

333|12810|2|7|40||40||BILL NO. 7|H1|0.0|||||09/08/2022 10:52:48|

334|12812|2|7|40||40||CEILINGS, PARTITIONS, ETC|H1|0.0|||||03/12/2021 02:48:44|

335|16962|2|7|40||40||NOTE: Tenderers are advised to study the Model

Preambles for Trades before pricing this bill|0.0|||03/12/2021 02:48:44|

336|16963|2|7|40|40|SUPPLEMENTARY PREAMBLES|H2|0.0|||03/12/2021 02:48:44|

337|16964|2|7|40|40|Descriptions:|H3|0.0|||03/12/2021 02:48:44|

338|16965|2|7|40|40|Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete|0.0|||03/12/2021 02:48:44|

339|16966|2|7|40|40|Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere|0.0|||03/12/2021 02:48:44|

340|23229|2|7|40|40|Warranties and Guarantees|H3|0.0|||03/12/2021 02:48:44|

341|23230|2|7|40|40|A Warranty is to be provided for the laminated safety glass which warrants the product against delaminating and colour degradation for a period of not less than 5 years|0.0|||03/12/2021 02:48:44|

342|23231|2|7|40|40|A Guarantee is to be provided for the powder coating which guarantees the product against peeling and discolouration of all powder coating for a period of not less than 15 years|0.0|||03/12/2021 02:48:44|

343|23232|2|7|40|40|A Certificate of compliance is to be provided that all anodizing supplied meet with SANS 999 in all aspects|0.0|||03/12/2021 02:48:44|

344|23233|2|7|41|41|Top hung windows|H3|0.0|||03/12/2021 02:48:44|

345|23234|2|7|41|41|Subcontractor are to allow for heavy duty friction hinges to all top hung windows in their pricing. Friction hinges must be able to be tightened/adjusted.|0.00|||03/12/2021 02:48:44|

346|23235|2|7|41|41|Protection|H3|0.0|||03/12/2021 02:48:44|

347|23236|2|7|41|41|Contractor is to ensure that allowances are made for sufficient protection against damage, etc as required and in which case tenders are to allow for protective tape on frames and glazing according the relevant item in this document.|0.0|||03/12/2021 02:48:44|

348|23237|2|7|41|41|Finishes|H3|0.0|||03/12/2021 02:48:44|

349|23238|2|7|41|41|Final product shall be free from all sharp edges|0.0|||03/12/2021 02:48:44|

350|23239|2|7|41|41|Ironmongery|H3|0.0|||03/12/2021 02:48:44|

351|23240|2|7|41|41|All ironmongery to be supplied by the Contractor unless otherwise specified. Contractors are to provide samples for approval by the Architect of these ironmongery on submission of their tenders. All ironmongery shall be approved by the Architect prior to installation Sub Contractor to supply all relevant shopfronts with catches, handles, hinges etc. to match shop

fronts and doors, all to the Architects approval||0.0|||||03/12/2021 02:48:44|

352|23241|2|7|41||41||All sliding gear to sliding doors to be supplied by the contractor unless otherwise specified. Contractors are to provide samples for approval by the Architect of these sliding gear on submission of their tenders. All sliding gear shall be approved by the Architect prior to installation||0.0|||||03/12/2021 02:48:44|

353|23242|2|7|42||42||Joints and Sealants|H3|0.0|||||03/12/2021 02:48:44|

354|23243|2|7|42||42||All joints in frames shall be made by mechanical means An approved silicone sealant is to be provided for both sides of all internal and external shop fronts between the aluminium frames and brick wall or concrete column and between the aluminium frame and plaster finish||0.0|||||03/12/2021 02:48:44|

355|23244|2|7|42||42||Powdercoating|H3|0.0|||||03/12/2021 02:48:44|

356|23245|2|7|42||42||Aluminium surfaces to receive 50-80µm Matt Charcoal powder coating to be applied by a certified markholder of SANS 1578 and SANS 1796||0.0|||||03/12/2021 02:48:44|

357|12815|2|7|42||42||SUSPENDED CEILING|H2|0.0|||||03/12/2021 02:48:44|

358|25443|2|7|42||42||"OWAcoustic Constellation Premium Biologically" ceiling panels, size 600 x 600 x 15mm thick, laid on fire rated OWAcoustic® S3 exposed demountable Butt-cut T24 suspension system, comprising galvanised main tees and cross tees with main tees suspended by means of galvanised hangers at centres not exceeding 600mm with ceiling perimeter finished all installed to manufacturers instructions, refer to architect's drawing no: 2022\_CSIR\_A.03.3.1 and specification document|H3|0.0|||||08/08/2022 03:02:12|

359|21254|2|7|42| A|42. A||Ceilings suspended not exceeding 1m below timber structure|m2|82|||||23/08/2022 02:12:03|

360|26060|2|7|42| B|42. B||Extra over ceiling for 200 x 200mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|2|||||16/08/2022 03:54:39|

361|26061|2|7|42| C|42. C||Extra over ceiling for 250 x 250mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|1|||||16/08/2022 03:55:06|

362|26062|2|7|42| D|42. D||Extra over ceiling for 600 x 350mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|1|||||16/08/2022 03:55:27|

363|21255|2|7|43||43||12.5mm Gyproc Gyprex Vinyl Faced Gypsum ceiling panels, face-covered with white embossed vinyl, size 600 x 600mm, laid on Donn QRC exposed demountable butt-cut T37 suspension system, including galvanised main tees, cross tees, etc. with main tees suspended by means of galvanised hangers at centres not exceeding 1200mm, and all installed to manufacturer's instructions, refer to drawing no: 21\_028-LTS-DR-ZZ-LS-L00-110101-L-A and Laboratory Internal Architectural Specification Document|H3|0.0|||||08/08/2022



03:03:23|

364|21256|2|7|43| A|43. A||Ceilings suspended not exceeding 1m below concrete soffits|m2|353||||14/12/2021 07:06:37|

365|25444|2|7|43| B|43. B||Ceilings suspended not exceeding 1m below steel platform|m2|64||||23/08/2022 02:13:25|

366|24773|2|7|43| C|43. C||Ceilings suspended not exceeding 1m below timber structure|m2|57||||23/08/2022 02:13:19|

367|26053|2|7|43| D|43. D||Extra over ceiling for 200 x 200mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|5||||16/08/2022 03:45:29|

368|26054|2|7|43| E|43. E||Extra over ceiling for 250 x 250mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|2||||16/08/2022 03:46:14|

369|26055|2|7|43| F|43. F||Extra over ceiling for 300 x 300mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|2||||16/08/2022 03:46:32|

370|26056|2|7|43| G|43. G||Extra over ceiling for 400 x 400mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|2||||16/08/2022 03:47:03|

371|26057|2|7|43| H|43. H||Extra over ceiling for 600 x 300mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|3||||16/08/2022 03:47:25|

372|26058|2|7|43| J|43. J||Extra over ceiling for 315mm diameter opening for supply air grille, extractor grill, air conditioning unit, etc|No|13||||16/08/2022 03:48:34|

373|26059|2|7|43| K|43. K||Extra over ceiling for 450mm diameter opening for supply air grille, extractor grill, air conditioning unit, etc|No|4||||16/08/2022 03:53:02|

374|23010|2|7|44| A|44. A||Extra over suspended ceilings for circular cutting|m|19||||03/12/2021 02:48:44|

375|22425|2|7|44|44||Insulated EPS15 50mm core ceiling panels with and including ceiling suspension system, necessary hangers, grids, aluminium up-stand profiles or PVC U-channel profiles, etc. in strict accordance with manufacturer's and lab specialist's specifications. pre-coated Chromadek steel facing with polyester paint finish (Colour: Frost White), refer to drawing no: 21\_028-LTS-DR-ZZ-LS-L00-110101-L-A and Laboratory Internal Architectural Specification Document|H3|0.0||||08/08/2022 03:27:03|

376|22426|2|7|44| B|44. B||Clean room ceiling panels suspended not exceeding 1m below steel platform|m2|12||||08/08/2022 03:22:01|

377|24772|2|7|44| C|44. C||Cold room ceiling panels suspended not exceeding 1m

below concrete soffits|m2|9|||||08/08/2022 03:25:13|

378|24771|2|7|44| D|44. D||Clean room ceiling panels suspended not exceeding 1m below timber structure|m2|63|||||23/08/2022 02:14:13|

379|26063|2|7|44| E|44. E||Extra over ceiling for 200 x 250mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|6|||||16/08/2022 03:56:08|

380|26064|2|7|44| F|44. F||Extra over ceiling for 250 x 250mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|3|||||16/08/2022 03:56:26|

381|26065|2|7|44| G|44. G||Extra over ceiling for 300 x 200mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|1|||||16/08/2022 03:56:42|

382|26066|2|7|44| H|44. H||Extra over ceiling for 350 x 300mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|1|||||16/08/2022 03:57:01|

383|26067|2|7|44| J|44. J||Extra over ceiling for 400 x 250mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|1|||||16/08/2022 03:57:18|

384|26068|2|7|44| K|44. K||Extra over ceiling for 400 x 400mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|1|||||16/08/2022 03:57:36|

385|26069|2|7|44| L|44. L||Extra over ceiling for 450 x 250mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|1|||||16/08/2022 03:58:03|

386|26070|2|7|45| A|45. A||Extra over ceiling for 600 x 600mm opening for supply air grille, extractor grill, air conditioning unit, etc|No|8|||||16/08/2022 03:58:23|

387|23036|2|7|45||45||Cornices, perimeter trims, etc to suspended ceilings plugged and screwed at centres as per specification|H3|0.0|||||03/12/2021 02:48:44|

388|12825|2|7|45| B|45. B||"Donn SM25" or similar approved shadowline cornice moulding in vivid white plugged to wall|m|499|||||19/09/2022 03:05:13|

389|23037|2|7|45| C|45. C||20 x 20mm Aluminium trim cornice|m|88|||||19/09/2022 03:27:44|

390|21658|2|7|45||45||BULKHEADS|H2|0.0|||||03/12/2021 02:48:44|

391|21659|2|7|45||45||9.5mm "Gyproc Rhinoboard" bulkheads with Joints to be covered with Rhinotape fixed over joints, then apply "cretestone" for final board finish skim plaster to a smooth polished surface to the thickness recommended by the manufacturer on a Donn T37K concealed tee suspension system including main and cross tees, necessary hangers, grids, etc, complete in its

entirety as per drawings: "2022\_CSIR\_A.03.3.1",  
"21\_028-LTS-DR-ZZ-LS-L00-110101-L-A" and architect's specification  
document|H3|0.0|||||08/08/2022 12:47:11|

392|25386|2|7|45| D|45. D||Vertical bulkhead 250mm high, including closing up at  
the top|m|23|||||19/09/2022 04:19:48|

393|23041|2|7|45| E|45. E||Vertical bulkhead 285mm high, including closing up at  
the top|m|10|||||19/09/2022 04:19:56|

394|25387|2|7|45| F|45. F||Vertical bulkhead 300mm high, including closing up at  
the top|m|2|||||19/09/2022 04:20:07|

395|25388|2|7|45| G|45. G||Vertical bulkhead 460mm high, including closing up at  
the top|m|23|||||19/09/2022 04:20:14|

396|22215|2|7|45| H|45. H||Horizontal bulkhead 700mm wide|m|21|||||22/03/2022  
04:56:05|

397|24776|2|7|45| J|45. J||Horizontal bulkhead 1270mm wide|m|6|||||22/03/2022  
04:56:08|

398|12826|2|7|46| |46|PARTITIONS, ETC|H2|0.0|||||03/12/2021 02:48:44|

399|22208|2|7|46| |46|"Gyproc Rhinoboard Soundbloc" drywall partition consisting  
of one layer of 15mm "Rhinoboard" either side of 63.5mm stud and track system at  
220mm centres with tape and joint finish, wall surface to be finished with  
minimum 3mm thick RhinoLite multi-purpose all in accordance with the  
manufacturers recommendations, refer to architect's drawing no:  
2022\_CSIR\_A.03.3.1 and specification document|H3|0.0|||||08/08/2022 04:26:28|

400|25430|2|7|46| A|46. A||Partitioning 2 500mm high with bottom track plugged  
to floor and top track fixed complete|m|4|||||08/08/2022 01:47:00|

401|25024|2|7|46| B|46. B||Partitioning 2 800mm high with bottom track plugged  
to floor and top track fixed complete|m|56|||||08/08/2022 12:33:59|

402|24740|2|7|46| C|46. C||Partitioning 3 000mm high with bottom track plugged  
to floor and top track fixed complete|m|34|||||08/08/2022 12:34:09|

403|24741|2|7|46| D|46. D||Partitioning 3 060mm high with bottom track plugged  
to floor and top track fixed complete|m|7|||||08/08/2022 12:34:15|

404|22497|2|7|46| E|46. E||Extra over drywall partitions 2 500mm high for  
vertical abutment|No|1|||||08/08/2022 12:26:36|

405|25431|2|7|46| F|46. F||Extra over drywall partitions 2 500mm high for  
corner|No|1|||||08/08/2022 01:54:20|

406|25432|2|7|46| G|46. G||Extra over drywall partitions 2 800mm high for  
vertical abutment|No|7|||||08/08/2022 02:01:14|

407|22498|2|7|46| H|46. H||Extra over drywall partitions 2 800mm high for  
corner|No|4|||||08/08/2022 12:26:41|

408|22500|2|7|46| J|46. J||Extra over drywall partitions 2 800mm high for T-intersection|No|7|||||08/08/2022 12:26:51|

409|25433|2|7|46| K|46. K||Extra over drywall partitions 3 000mm high for vertical abutment|No|5|||||08/08/2022 02:02:12|

410|25434|2|7|46| L|46. L||Extra over drywall partitions 3 000mm high for corners|No|1|||||08/08/2022 02:03:20|

411|25435|2|7|47| A|47. A||Extra over drywall partitions 3 000mm high for T-intersection|No|4|||||08/08/2022 02:03:47|

412|25436|2|7|47| B|47. B||Extra over drywall partitions 3 060mm high for Vertical Abutments|No|1|||||08/08/2022 02:04:36|

413|22501|2|7|47||47||Extra over drywall partition for opening, doors, windows, shopfront, etc|H3|0.0|||||08/08/2022 01:54:55|

414|24743|2|7|47| C|47. C||Extra over partition 3060mm high for shopfront type SF01 with size 6 192 x 2 400mm high including powder coated aluminium door frame, including ironmongery, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 2022\_CSIR\_A.03.1.2 and door schedule 2022\_CSIR\_A.10.13|No|1|||||10/08/2022 09:02:27|

415|24744|2|7|47| D|47. D||Extra over partition 3000mm high for shopfront type SF02 with size 3 492 x 2 100mm high including powder coated aluminium door frame, including ironmongery, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 2022\_CSIR\_A.03.1.2 and door schedule 2022\_CSIR\_A.10.14|No|1|||||10/08/2022 09:04:20|

416|24745|2|7|47| E|47. E||Extra over partition 3000mm high for shopfront type SF03 with size 2 100 x 2 100mm high including powder coated aluminium door frame, including ironmongery, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 2022\_CSIR\_A.03.1.2 and door schedule 2022\_CSIR\_A.10.15|No|2|||||10/08/2022 09:05:33|

417|25801|2|7|47| F|47. F||Extra over partition 3000mm high for shopfront type SF03 with size 2 100 x 2 100mm high including powder coated aluminium door frame, including ironmongery, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 2022\_CSIR\_A.03.1.2 and door schedule 2022\_CSIR\_A.10.16|No|1|||||10/08/2022 09:08:11|

418|24746|2|7|48| A|48. A||Extra over partition 3000mm high for door type D\_AD121c with size 900 x 2 100mm high including powder coated aluminium door frame, including ironmongery set 1, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 2022\_CSIR\_A.03.1.2 and door schedule 2022\_CSIR\_A.10.11|No|1|||||10/08/2022 08:42:45|

419|25792|2|7|48| B|48. B||Extra over partition 2800mm high for door type D\_AD141c with size 1 100 x 2 100mm high including powder coated aluminium door frame, including ironmongery set 1, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing:

21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule  
2022\_CSIR\_A.10.22|No|1|||||10/08/2022 08:35:06|

420|22630|2|7|48| C|48. C|Extra over partition 3000mm high for door type D\_AD121c with size 900 x 2 100mm high including powder coated aluminium door frame, including ironmongery set 1, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing:  
21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule  
2022\_CSIR\_A.10.5|No|2|||||10/08/2022 08:31:31|

421|25794|2|7|48| D|48. D|Extra over partition 2500mm high for door type D\_AD193c with size 1 800 x 2 100mm high including powder coated aluminium door frame, including ironmongery set 1, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing:  
21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule  
2022\_CSIR\_A.10.7|No|1|||||10/08/2022 08:50:03|

422|25795|2|7|48| E|48. E|Extra over partition 2800mm high for door type D\_AD193c with size 1 800 x 2 100mm high including powder coated aluminium door frame, including ironmongery set 1, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing:  
21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule  
2022\_CSIR\_A.10.7|No|1|||||10/08/2022 08:50:28|

423|22631|2|7|49| A|49. A|Extra over partition 2800mm high for door type D\_AD173c with size 1 400 x 2 100mm high including powder coated aluminium door frame, including ironmongery set 1, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing:  
21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and door schedule  
2022\_CSIR\_A.10.20|No|3|||||10/08/2022 08:47:26|

424|24188|2|7|49| B|49. B|Extra over partition 2800mm high for window type W\_AF131a with size 1 200 x 900mm, complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and window schedule  
2022\_CSIR\_A.10.31|No|1|||||10/08/2022 10:27:51|

425|25148|2|7|49| C|49. C|Extra over partition 2800mm high for window type W\_AF151a with size 1 800 x 900mm, complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and window schedule  
2022\_CSIR\_A.10.31|No|2|||||10/08/2022 10:30:05|

426|25153|2|7|49| D|49. D|Extra over partition 2800mm high for Aluminium glazed window wall type IS\_T01a 900mm high including frame, ironmongery, etc. complete in its entirety as per the architect's drawing:  
21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and window schedule  
2022\_CSIR\_A.10.29|m|8|||||10/08/2022 10:33:33|

427|22507|2|7|49||49||"Lafarge" gypsum drywall partition type LPF64-60/3 consisting of one layer of 12.5mm "Fire Check Board" either side of 64mm stud and track system at 600mm centres with tape and joint finish|H3|0.0|||||10/08/2022 07:31:06|

428|25785|2|7|49| E|49. E|60min Fire Rated Drywall 3 000mm high with bottom track plugged to floor and top track fixed to ceiling|m|5|||||10/08/2022

07:36:13|

429|22508|2|7|49| F|49. F||60min Fire Rated Drywall 4 500mm high with bottom track plugged to floor and top track fixed to ceiling|m|10|||||10/08/2022 07:24:55|

430|25429|2|7|49| G|49. G||Extra over fire rated drywall partitions 3 000mm high for vertical abutments|No|2|||||08/08/2022 01:46:32|

431|25786|2|7|50| A|50. A||Extra over fire rated drywall partitions 4 500mm high for vertical abutments|No|2|||||10/08/2022 07:27:03|

432|22574|2|7|50||50||Extra over 60min fire rated drywall for opening, doors, windows, shopfront, etc|H3|0.0|||||10/08/2022 07:21:52|

433|22589|2|7|50| B|50. B||Extra over fire rated drywall partition for 60min Fire Rated door type D\_TD183b size 1 500 x 2 100mm high hung to and including single rebate steel door frame, ironmongery, additional studding, cut-out for viewing panel, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 2022\_CSIR\_A.03.1.2 and door schedule 2022\_CSIR\_A.10.12|No|1|||||10/08/2022 07:40:45|

434|22379|2|7|50||50||CLEAN ROOM PANELS|H2|0.0|||||03/12/2021 02:48:44|

435|22605|2|7|50||50||Insulated EPS15 clean room panels consisting of 150mm thick expanded polystyrene 15 +/-3kg/m3 core panel, 0.5mm thick pre-coated with Chromadek steel facing with polyester paint (Colour: Frost white - 30% gloss) fixed in accordance with manufacturer's and lab specialist's specifications|H3|0.0|||||03/12/2021 02:48:44|

436|25437|2|7|50| C|50. C||Clean room panels 2 600mm high|m|23|||||08/08/2022 02:08:04|

437|25028|2|7|50| D|50. D||Clean room panels 2 800mm high|m|25|||||10/08/2022 10:36:58|

438|22608|2|7|50| E|50. E||Extra over clean room panels 2 600mm high for corners|No|1|||||08/08/2022 02:09:02|

439|22609|2|7|50| F|50. F||Extra over clean room panels 2 600mm high for vertical abutments|No|1|||||08/08/2022 02:09:20|

440|22610|2|7|50| G|50. G||Extra over clean room panels 2 600mm high for T-intersections|No|1|||||08/08/2022 02:09:29|

441|25438|2|7|50| H|50. H||Extra over clean room panels 2 800mm high for corners|No|1|||||08/08/2022 02:11:11|

442|25440|2|7|50| J|50. J||Extra over clean room panels 2 800mm high for vertical abutments|No|3|||||08/08/2022 02:12:02|

443|25439|2|7|51| A|51. A||Extra over clean room panels 2 800mm high for T-intersections|No|6|||||08/08/2022 02:11:34|

444|22618|2|7|51||51||Extra over for 150mm Thick Chromadek cleanroom doors with viewing panels of 6mm laminated safety glass and airtight rubber seals as per LTS drawings 20\_048-LTS-DR-ZZ-LS-L02-170003 Rev 0|H3|0.0|||||08/08/2022 02:09:45|

445|25152|2|7|51| B|51. B||Extra over clean room panels for window type W\_AF151a with size 1 800 x 900mm, complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and window schedule 2022\_CSIR\_A.10.33|No|2|||||10/08/2022 10:37:52|

446|25804|2|7|51| C|51. C||Extra over clean room panels for custom made cold room door type D\_CD121c size 900 x 2 100mm high including ironmongery set 1, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and door schedule 2022\_CSIR\_A.10.24|No|1|||||10/08/2022 10:38:06|

447|22612|2|7|51| D|51. D||Extra over clean room panels for custom made aluminium door type D\_AD141b size 1 100 x 2 100mm high including ironmongery set 2, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule 2022\_CSIR\_A.10.4|No|6|||||10/08/2022 10:38:17|

448|22619|2|7|51| E|51. E||Extra over clean room panels for custom made aluminium laboratory door type D\_AD193b size 1 800 x 2 100mm high including ironmongery set 2, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule 2022\_CSIR\_A.10.6|No|2|||||10/08/2022 09:23:39|

449|0|2|7||||||0.0|||||22/09/2022 12:00:00|

450|12837|2|8|53||53||BILL NO. 8|H1|0.0|||||09/08/2022 10:52:53|

451|12838|2|8|53||53||FLOOR COVERINGS, ETC|H1|0.0|||||03/12/2021 02:48:44|

452|16967|2|8|53||53||NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill||0.0|||||03/12/2021 02:48:44|

453|16968|2|8|53||53||SUPPLEMENTARY PREAMBLES|H2|0.0|||||03/12/2021 02:48:44|

454|22178|2|8|53||53||Fixing|H3|0.0|||||03/12/2021 02:48:44|

455|22179|2|8|53||53||Floor coverings, wall linings, skirtings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc||0.0|||||03/12/2021 02:48:44|

456|22180|2|8|53||53||Surface preparation, priming, curing, cleaning etc|H3|0.0|||||03/12/2021 02:48:44|

457|22181|2|8|53||53||Descriptions of the items below are deemed to include all necessary preparation, priming, mixing, curing, cleaning etc as prescribed by the manufacturers of the various products.||0.0|||||03/12/2021 02:48:44|

458|20248|2|8|53||53||CARPETS, ETC|H2|0.0|||||22/08/2022 08:37:11|

459|22182|2|8|53||53||500 x 500mm "Belgotex Matrix" carpet tiles installed on screeded floors in accordance with the manufactures instructions, as per the architects drawing 2022\_CSIR\_A.03.1.3 and 2022\_CSIR\_A.03.1.2 and specification document|H3|0.0||||10/08/2022 10:45:02|

460|20250|2|8|53| A|53. A||On existing floors and landings|m2|106||||14/12/2021 07:05:59|

461|12841|2|8|54||54||VINYL, ETC|H2|0.0||||03/12/2021 02:48:44|

462|22176|2|8|54||54||"GERFLOR Mipolam Non-directional PUR " 2mm flexible flooring, on screed floors with approved adhesive all in accordance with the manufacturer's instructions, as per the architects drawing 2022\_CSIR\_A.03.1.3 and 2022\_CSIR\_A.03.1.2 and specification document|H3|0.0||||10/08/2022 10:44:02|

463|22177|2|8|54| A|54. A||On floors and landings|m2|380||||14/12/2021 07:06:13|

464|12845|2|8|54| B|54. B||Turn-up 150mm high with capping strip including 20mm cove fillet complete as per architects drawing|m|274||||03/12/2021 02:48:44|

465|24751|2|8|54||54||EPOXY|H2|0.0||||13/03/2022 09:18:05|

466|25807|2|8|54||54||Flowcrete Flowfresh SL (2mm) or similar approved, as per the architects drawing 2022\_CSIR\_A.03.1.3 and 2022\_CSIR\_A.03.1.2, specification document and laboratory internal architectural specification document|H3|0.0||||10/08/2022 10:55:53|

467|24752|2|8|54| C|54. C||2.5mm epoxy floor covering|m2|297||||10/08/2022 10:47:36|

468|25811|2|8|54||54||Derakane -Signia Epoxy Vinyl Ester Resin (411-45) (6.5mm) or similar approved, as per the architects drawing 2022\_CSIR\_A.03.1.3 and 2022\_CSIR\_A.03.1.2, specification document and laboratory internal architectural specification document|H3|0.0||||10/08/2022 11:07:47|

469|24763|2|8|54| D|54. D||6.5mm epoxy floor covering|m2|18||||10/08/2022 10:47:42|

470|24766|2|8|54| E|54. E||Turn-up 150mm high with capping strip including 20mm cove fillet complete as per architects drawing|m|249||||13/03/2022 09:39:10|

471|12847|2|8|54||54||POLISH, SEALER, ETC|H2|0.0||||03/12/2021 02:48:44|

472|12848|2|8|54| F|54. F||Strip and apply one coat approved wax polish on vinyl flooring|m2|421||||09/12/2021 12:50:35|

473|12888|2|8|55||55||CORNER PROTECTORS, DIVIDING STRIPS, ETC|H2|0.0||||03/12/2021 02:48:44|

474|22989|2|8|55||55||"Kirk Marketing" or similar approved installed as per manufactures recommendations|H3|0.0||||22/08/2022 08:37:48|



475|22988|2|8|55| A|55. A|46 x 11mm Anodised aluminium (code: ACGSE100)  
dividing strip|m|8|||||10/08/2022 10:46:29|

476|0|2|8||||||0.0|||||22/09/2022 12:00:00|

477|24517|2|9|57||57||BILL NO. 9|H1|0.0|||||18/08/2022 08:04:54|

478|24518|2|9|57||57||STRUCTURAL STEELWORK|H1|0.0|||||14/12/2021 06:16:18|

479|24519|2|9|57||57||NOTE: Tenderers are advised to study the Model  
Preambles for Trades before pricing this bill||0.0|||||14/12/2021 06:16:18|

480|24520|2|9|57||57||SUPPLEMENTARY PREAMBLES|H2|0.0|||||14/12/2021 06:16:18|

481|24521|2|9|57||57||Descriptions|H3|0.0|||||14/12/2021 06:16:18|

482|24522|2|9|57||57||Descriptions of bolts shall be deemed to include nuts and  
washersDescriptions of L-shaped and U-shaped anchor bolts shall be deemed to  
include bending, threading, nuts and washers and embedding in concrete  
Descriptions of expansion anchors and bolts and chemical anchors and bolts shall  
be deemed to include nuts, washers and mortices in brickwork or concreteWhere  
anchor bolts are described as embedded in sides or soffits of concrete it shall  
be deemed to include holes through formwork||0.0|||||14/12/2021 06:16:19|

483|24523|2|9|58||58||Structural Steelwork|H3|0.0|||||14/12/2021 06:16:19|

484|24524|2|9|58||58||All structural steelwork shall be fabricated and erected  
in accordance with the latest edition of SABS 1200H All dimensions shall be  
checked on site before shop drawings commence. Any discrepancies shall be  
brought to the attention of the engineer A complete set of shop drawings shall  
be submitted to the engineer for approval before fabrication commences. The  
contractor shall allow one week for checking and approval by the engineer, and  
shall also allow for any possible chances to shop drawings The contractor shall  
design all welds and, where necessary, gussets of sufficient strength, shall be  
approved to obtain the required weld strength Setting out points (S.O.P's) at  
member centroids shall conform to those shown on general arrangement drawings.  
No eccentricities, except those shown on the engineer's drawings, shall be  
allowed All structural steelwork shall be grade 350WA A certificate from the  
steel manufacturer in which the grade of the structural steel is verified shall  
be handed to the engineer for approval All bolts and lugs shall be grade 8.8  
unless otherwise noted and shall be deemed to be included All welds to be 6mm  
fillet welds The proposed method and sequence of erection of the structure  
shall be submitted to the engineer for written approval. Such submission is to  
take place at time of shop drawing submittal. The contractor shall indicate the  
proposed method of propping to ensure stability of the structure during  
erection. Such stability during erection remains the contractor's  
responsibility. Where temporary bracing and propping is necessary, the  
contractor shall be responsible for the design, erection, maintenance and  
removal (where necessary) of such supports. Proposal of such bracing or propping  
shall be submitted to the engineer at an early stage for written approval  
Structural steel to be engineered to be smooth i.e. no welding spatter, sharp  
edges, slag etc. should be present prior to the application of the final  
painting coat||0.0|||||14/12/2021 06:16:19|

485|24525|2|9|59||59||Galvanizing Specification|H3|0.0|||||14/12/2021 06:16:19|

486|24526|2|9|59||59||All galvanised work to be 85 micron, in strict accordance with the S.A. Galvanising Association Specifications||0.0|||||14/12/2021 06:16:19|

487|25860|2|9|59||59||GALVANISED STEEL PURLINS, GIRTS, BRACING, ETC|H2|0.0|||||17/08/2022 03:43:08|

488|25861|2|9|59||59||Welded roof rafter of angle rafters, tie beams, rails, struts, braces, cleats, etc and flat bearer, gusset and connection plates, bolted to brick walls|H3|0.0|||||17/08/2022 03:49:32|

489|25862|2|9|59| A|59. A||140 x 73mm x 12.9kg/m IPE rafter|t|0.12|||||16/08/2022 10:30:16|

490|25863|2|9|59||59||Purlins and girts, bolted to brick walls|H3|0.0|||||17/08/2022 03:49:13|

491|25864|2|9|59| B|59. B||125 x 50 x 20 x 2.0mm Thick cold-formed lipped channel roof purlins|t|0.08|||||16/08/2022 10:30:16|

492|26150|2|9|59||59||Bolts, etc to trusses|H3|0.0|||||17/08/2022 04:33:00|

493|26151|2|9|59| C|59. C||High tensile bolts|t|0.08|||||17/08/2022 04:34:19|

494|26152|2|9|59| D|59. D||M20 x 500mm Diameter chemical anchor and bolt|No|7|||||17/08/2022 04:34:15|

495|25877|2|9|59||59||GALVANISED STEEL STAIRS, BALUSTRADING, HANDRAILS, FLOORING, ETC|H2|0.0|||||17/08/2022 03:45:26|

496|26159|2|9|59||59||Welded columns in single lengths with flat base, cap, bearer and connection plates, bolted to concrete|H3|0.0|||||17/08/2022 04:46:35|

497|26216|2|9|59| E|59. E||152 x 152mm x 23.4kg/m I-section columns|t|0.75|||||23/08/2022 12:06:29|

498|26137|2|9|59||59||Welded beams in single lengths with flat bearer and connection plates, bracing, anti-sag rails, angled bearers, flat connection plates, gusset plates, compound rails formed of flats and angles welded and bolted, etc bolted to steel|H3|0.0|||||17/08/2022 04:18:57|

499|26138|2|9|59| F|59. F||50 x 50 x 5mm x 3.77kg/m Angle|t|0.05|||||17/08/2022 03:50:41|

500|26139|2|9|59| G|59. G||70 x 70 x 6mm x 6.38kg/m Angle|t|0.03|||||17/08/2022 03:51:18|

501|26140|2|9|60| A|60. A||200 x 75 x 20 x 2.5mm thick cold-formed lipped channel bearers|t|0.35|||||17/08/2022 03:59:06|

502|26141|2|9|60| B|60. B||200 x 75 x 20 x 2.5mm thick cold-formed lipped

channel stringers|t|0.22| || ||17/08/2022 05:05:49|

503|26147|2|9|60| C|60. C|RS 40 x 4.5mm Rectagrid landing to stairs|m2|32| || ||23/08/2022 11:36:32|

504|26148|2|9|60| D|60. D|RS 40 x 4.5mm Rectagrid threads to stairs|m2|19| || ||23/08/2022 11:36:40|

505|26149|2|9|60| E|60. E|Non-slip perforated nosing to RS 40 x 4.5mm steel rectagrid stair thread|m|68| || ||23/08/2022 11:36:55|

506|26144|2|9|60| |60|Galvanised steel balustrade 1,000mm high with 38 x 38 x 3mm steel square hollow section handrail, solid cast pin with 16dia base, 19mm internal rails as equal spacing, 38 x 38 x 3mm steel square hollow section posts at equal spacing, 100mm diameter x 5mm cup flange base plate bolted to steel with and including chemical anchor bolts including all bends, ends, knees, paint, etc., all in accordance with the Architect' drawings  
2022\_CSIR\_A.08.3|H3|0.0| || ||22/09/2022 07:17:34|

507|26145|2|9|60| F|60. F|To raking stairs|m|26| || ||17/08/2022 04:12:58|

508|26146|2|9|60| G|60. G|To staircase landings |m|32| || ||17/08/2022 04:12:58|

509|25871|2|9|60| |60|Bolts, etc|H3|0.0| || ||17/08/2022 08:35:10|

510|25872|2|9|60| H|60. H|High tensile bolts|t|0.24| || ||16/08/2022 11:23:10|

511|26142|2|9|60| |60|FASTENERS, PLATES, ETC|H2|0.0| || ||17/08/2022 04:31:35|

512|26164|2|9|60| J|60. J|6mm thick plate with size 200mm x 200mm|No|11| || ||17/08/2022 04:49:14|

513|26161|2|9|60| |60|COLUMN AND BEAM CONNECTIONS|H2|0.0| || ||17/08/2022 04:48:54|

514|26162|2|9|60| |60|Bolts, end plates, top plates, etc|H3|0.0| || ||17/08/2022 04:48:54|

515|26163|2|9|60| K|60. K|30mm Diameter M16 anchor bolt 200mm long embedded in concrete|No|44| || ||17/08/2022 05:05:40|

516|24539|2|9|61| |61|TESTS|H2|0.0| || ||14/12/2021 06:16:19|

517|24540|2|9|61| |61|Weld testing|H3|0.0| || ||14/12/2021 06:16:19|

518|24541|2|9|61| A|61. A|Provide the sum of R10,000.00 (Ten Thousand) for quality control inspection by an authorised independent inspection authority, to be used as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|10,000.00|10,000.00| || ||17/08/2022 03:47:21|

519|0|2|9| || ||0.0| || ||22/09/2022 12:00:00|

520|15942|2|10|63| |63|BILL NO. 10|H1|0.0| || ||18/08/2022 08:05:04|

521|15943|2|10|63||63||METALWORK|H1|0.0|||||03/12/2021 02:48:44|

522|15944|2|10|63||63||SUPPLEMENTARY PREAMBLES|H2|0.0|||||03/12/2021 02:48:44|

523|15945|2|10|63||63||Warranties and Guarantees|H3|0.0|||||03/12/2021 02:48:44|

524|15946|2|10|63||63||A Warranty is to be provided for the laminated safety glass which warrants the product against delaminating and colour degradation for a period of not less than 5 years|0.0|||||03/12/2021 02:48:44|

525|15947|2|10|63||63||A Guarantee is to be provided for the powder coating which guarantees the product against peeling and discolouration of all powder coating for a period of not less than 15 years|0.0|||||03/12/2021 02:48:44|

526|15948|2|10|63||63||A Certificate of compliance is to be provided that all anodizing supplied meet with SANS 999 in all aspects|0.0|||||03/12/2021 02:48:44|

527|15951|2|10|63||63||Top hung windows|H3|0.0|||||03/12/2021 02:48:44|

528|15952|2|10|63||63||Subcontractor are to allow for heavy duty friction hinges to all top hung windows in their pricing. Friction hinges must be able to be tightened/adjusted.|0.00|||||03/12/2021 02:48:44|

529|15953|2|10|63||63||Protection|H3|0.0|||||03/12/2021 02:48:44|

530|15954|2|10|63||63||Contractor is to ensure that allowances are made for sufficient protection against damage, etc as required and in which case tenders are to allow for protective tape on frames and glazing according the relevant item in this document.|0.0|||||03/12/2021 02:48:44|

531|15955|2|10|63||63||Finishes|H3|0.0|||||03/12/2021 02:48:44|

532|15956|2|10|63||63||Final product shall be free from all sharp edges|0.0|||||03/12/2021 02:48:44|

533|15957|2|10|64||64||Ironmongery|H3|0.0|||||03/12/2021 02:48:44|

534|15958|2|10|64||64||All ironmongery to be supplied by the Contractor unless otherwise specified. Contractors are to provide samples for approval by the Architect of these ironmongery on submission of their tenders. All ironmongery shall be approved by the Architect prior to installation Sub Contractor to supply all relevant shopfronts with catches, handles, hinges etc. to match shop fronts and doors, all to the Architects approval|0.0|||||03/12/2021 02:48:44|

535|15959|2|10|64||64||All sliding gear to sliding doors to be supplied by the contractor unless otherwise specified. Contractors are to provide samples for approval by the Architect of these sliding gear on submission of their tenders. All sliding gear shall be approved by the Architect prior to installation|0.0|||||03/12/2021 02:48:44|

536|15960|2|10|64||64||Joints and Sealants|H3|0.0|||||03/12/2021 02:48:44|

537|15961|2|10|64||64||All joints in frames shall be made by mechanical means

An approved silicone sealant is to be provided for both sides of all internal and external shop fronts between the aluminium frames and brick wall or concrete column and between the aluminium frame and plaster finish|0.0|||03/12/2021 02:48:44|

538|15962|2|10|64||64||Powdercoating|H3|0.0|||03/12/2021 02:48:44|

539|15963|2|10|64||64||Aluminium surfaces to receive 50-80µm Matt Charcoal powder coating to be applied by a certified markholder of SANS 1578 and SANS 1796|0.0|||03/12/2021 02:48:44|

540|23848|2|10|65||65||ALUMINIUM WINDOWS, DOORS & SHOPFRONTS|H2|0.0|||08/12/2021 03:38:13|

541|23855|2|10|65||65||Powder coated aluminium door with single glazed Laminated safety glass, ironmongery, sealing and plugged to brickwork or concrete all in accordance with specifications and architect's drawings|H3|0.0|||08/12/2021 03:42:05|

542|25783|2|10|65| A|65. A||Custom made aluminium door type D\_AD121c size 900 x 2 100mm high hung to and including powder coated aluminium door frame, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and door schedule 2022\_CSIR\_A.10.18 and 21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|1|||10/08/2022 09:53:29|

543|25784|2|10|65| B|65. B||Custom made aluminium door type D\_AD141c size 1 100 x 2 100mm high hung to and including powder coated aluminium door frame, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule 2022\_CSIR\_A.10.10 and 21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|1|||10/08/2022 09:53:33|

544|25776|2|10|65| C|65. C||Custom made aluminium door type D\_AD141c size 1 100 x 2 100mm high hung to and including powder coated aluminium door frame, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and door schedule 2022\_CSIR\_A.10.22 and 21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|1|||10/08/2022 09:53:37|

545|25796|2|10|65| D|65. D||Custom made aluminium door type D\_AD183c size 1 500 x 2 100mm high hung to and including powder coated aluminium door frame, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A and door schedule 2022\_CSIR\_A.10.8 and 21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|1|||10/08/2022 09:53:42|

546|25145|2|10|66| A|66. A||Custom made aluminium sliding door type D\_AD104c size 2 000 x 2 100mm high hung to and including powder coated aluminium door frame, additional studding, trimming, concealed edges etc. complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and door schedule 2022\_CSIR\_A.10.23 and 21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|No|3|||10/08/2022 09:53:49|

547|25805|2|10|66||66||Purpose made powder coated aluminium window glazed with 6.8mm Laminated Annealed safety glass, including ironmongery, sealing and plugged to brickwork or concrete or partitions all in accordance with specifications and architect's drawings|H3|0.0|||||10/08/2022 10:15:42|

548|23850|2|10|66||66||Aluminium window all complete as per Architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170002-L-A|H3|0.0|||||10/08/2022 09:55:20|

549|25806|2|10|66| B|66. B||Custom made aluminium window type W\_AF131a size 1 200 x 900mm high, complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and window schedule 2022\_CSIR\_A.10.31|No|7|||||10/08/2022 10:17:38|

550|24844|2|10|66| C|66. C||Custom made aluminium window type IS\_T01a size 1 950 x 900mm high, complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and window schedule 2022\_CSIR\_A.10.30|No|1|||||10/08/2022 10:20:13|

551|25781|2|10|66||66||STEEL ROLLER SHUTTERS, ETC|H2|0.0|||||10/08/2022 06:54:28|

552|25782|2|10|66||66||Purpose made external "chain operated" powdercoated (colour: "TBC") (to approved sample) roller shutter door with heavy gauge slide guides to suit roller shutter door, fixed complete in its entirety to brickwork, concrete or steel frame, all in accordance with specifications and architect's drawings|H3|0.0|||||10/08/2022 06:55:16|

553|25147|2|10|66| D|66. D||Chain operated roller shutter door Type D\_RD195a size 1 800 x 2 100mm high, complete in its entirety as per the architect's drawing: 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and door schedule 2022\_CSIR\_A.10.25|No|3|||||10/08/2022 06:58:10|

554|0|2|10||||||0.0|||||22/09/2022 12:00:00|

555|12874|2|11|68||68||BILL NO. 11|H1|0.0|||||18/08/2022 08:05:09|

556|12875|2|11|68||68||PLASTERING|H1|0.0|||||03/12/2021 02:48:44|

557|16969|2|11|68||68||Note: Tenderers are reminded that common labours such as slightly rounded angles, fair edge, drips and arises, etc. are deemed to be included in the description of the plaster. Special prescribed labours are measured in accordance with the Standard System|0.0|||||03/12/2021 02:48:44|

558|16970|2|11|68||68||SUPPLEMENTARY PREAMBLES|H2|0.0|||||03/12/2021 02:48:44|

559|19865|2|11|68||68||Finish|H3|0.0|||||03/12/2021 02:48:44|

560|19866|2|11|68||68||Internal plaster shall be finished with a steel trowel and external plaster with a wooden float|0.0|||||03/12/2021 02:48:44|

561|12879|2|11|68||68||SCREEDS|H2|0.0|||||03/12/2021 02:48:44|

562|24842|2|11|68||68||Screeds on concrete|H3|0.0|||||22/03/2022 09:15:33|

563|24843|2|11|68| A|68. A|30mm Thick on floors and  
landings|m2|98|||||22/03/2022 09:15:33|

564|15809|2|11|68||68||"FloorworX Pavelite" screed or similar  
approved|H3|0.0|||||03/12/2021 02:48:44|

565|15889|2|11|68| B|68. B|4mm Thick on floors and  
landings|m2|486|||||03/12/2021 02:48:44|

566|12882|2|11|68||68||INTERNAL PLASTER|H2|0.0|||||03/12/2021 02:48:44|

567|15676|2|11|68||68||Cement plaster on brickwork|H3|0.0|||||03/12/2021  
02:48:44|

568|15677|2|11|68| C|68. C|On walls|m2|372|||||03/12/2021 02:48:44|

569|15679|2|11|68| D|68. D|On narrow widths|m2|18|||||03/12/2021 02:48:44|

570|24838|2|11|68||68||EXTERNAL PLASTER|H2|0.0|||||22/03/2022 09:15:18|

571|24839|2|11|68||68||Cement plaster on brickwork|H3|0.0|||||22/03/2022  
09:15:18|

572|24841|2|11|68| E|68. E|On narrow widths|m2|5|||||22/03/2022 09:15:18|

573|0|2|11||||||0.0|||||22/09/2022 12:00:00|

574|15812|2|12|69||69||BILL NO. 12|H1|0.0|||||18/08/2022 08:05:18|

575|15813|2|12|69||69||TILING|H1|0.0|||||03/12/2021 02:48:44|

576|15842|2|12|69||69||NOTE: Tenderers are advised to study the Model  
Preambles for Trades before pricing this bill.||0.0|||||03/12/2021 02:48:44|

577|15843|2|12|69||69||SUPPLEMENTARY PREAMBLES|H2|0.0|||||03/12/2021 02:48:44|

578|15844|2|12|69||69||Descriptions|H3|0.0|||||03/12/2021 02:48:44|

579|15845|2|12|69||69||Unless described as "fixed with adhesive to plaster  
(plaster elsewhere measured)" descriptions of tiling on brick or concrete walls,  
columns, etc shall be deemed to include 1:4 cement plaster backing and  
descriptions of tiling on concrete floors, etc shall be deemed to include 1:3  
plaster bedding. All floor tiles are to be completely covered/backed with  
adhesive in order to ensure no hollow areas behind tiles.||0.0|||||03/12/2021  
02:48:44|

580|15846|2|12|69||69||Repairs|H3|0.0|||||03/12/2021 02:48:44|

581|15847|2|12|69||69||Repairs to damaged areas in the existing concrete surface  
bed or slab is to be done using "TAL Superscreed"||0.0|||||03/12/2021 02:48:44|

582|15848|2|12|69||69||Sealants, etc|H3|0.0|||||03/12/2021 02:48:44|





602|17332|2|13|72||72||Pipes for water supply shall be of the class stated Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints||0.0||||03/12/2021 02:48:44|

603|17333|2|13|72||72||Fixing of pipes|H4|0.0||||03/12/2021 02:48:44|

604|17334|2|13|72||72||Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level||0.0||||03/12/2021 02:48:44|

605|17335|2|13|73||73||Reducing fittings|H4|0.0||||03/12/2021 02:48:44|

606|17336|2|13|73||73||Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained||0.0||||03/12/2021 02:48:44|

607|17337|2|13|73||73||Wire gratings|H4|0.0||||03/12/2021 02:48:44|

608|17338|2|13|73||73||Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings||0.0||||03/12/2021 02:48:44|

609|17339|2|13|73||73||Excavations|H4|0.0||||03/12/2021 02:48:44|

610|17340|2|13|73||73||No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling "Soft rock" and "hard rock" shall be as defined in "Earthworks"||0.0||||03/12/2021 02:48:44|

611|17341|2|13|74||74||Laying, backfilling, bedding, etc of pipes|H4|0.0||||03/12/2021 02:48:44|

612|17342|2|13|74||74||Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructionsWhere no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding||0.0||||03/12/2021 02:48:44|

613|17343|2|13|74||74||Flush pans|H4|0.0||||03/12/2021 02:48:44|

614|17344|2|13|74||74||Flush pans shall have straight or side outlets and "P" or "S" traps as necessary||0.0||||03/12/2021 02:48:44|

615|17345|2|13|74||74||Stainless steel basins, sinks, wash troughs, urinals,

etc|H4|0.0|03/12/2021 02:48:44|

616|17346|2|13|74|74|Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable|0.0|03/12/2021 02:48:44|

617|17347|2|13|74|74|Waste unions|H4|0.0|03/12/2021 02:48:44|

618|17348|2|13|74|74|Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings|0.0|03/12/2021 02:48:44|

619|17349|2|13|75|75|Sealing|H4|0.0|03/12/2021 02:48:44|

620|17350|2|13|75|75|Prices for sanitary fittings shall include for sealing against walls with silicone sealing compound. This shall apply to all sanitary fittings.|0.0|03/12/2021 02:48:44|

621|17351|2|13|75|75|Valves, etc|H4|0.0|03/12/2021 02:48:44|

622|17352|2|13|75|75|Descriptions of valves etc shall be deemed to include flanged or screwed connections to piping, reducers, supports etc|0.0|03/12/2021 02:48:44|

623|17353|2|13|75|75|Painting|H4|0.0|03/12/2021 02:48:44|

624|17354|2|13|75|75|The Principal Building Contractor will be responsible for painting all pipe work and painting of the pipe work must be included in the tendered rates for the hot and cold water supply|0.0|03/12/2021 02:48:44|

625|17355|2|13|75|75|Pricing|H4|0.0|03/12/2021 02:48:44|

626|17356|2|13|75|75|The tenderer must price each item in this section individually and no changes made by the tenderer shall be recognised Where inclusive items are measured and priced, the contractor must on request, supply full details of the components and prices making up the inclusive items. If the contractor does not supply such details and prices within fourteen days after having been requested to do so, the Quantity Surveyor will determine such at his own discretion|0.0|03/12/2021 02:48:44|

627|16973|2|13|76|76|PREAMBLES|H2|0.0|03/12/2021 02:48:44|

628|16974|2|13|76|76|For Preambles see 'Standard Preambles to Trades'In addition to the 'Standard Preambles to Trades' the following SABS codes are applicable:PIPE THREADS SABS 21GALVANISING

SABS 763WROUGHT STEEL SCREWEDFLANGES BS 10/ SABS 1123ERW PIPING

SABS 719DENSOWRAP

SABS 1117NON-RISING SPINDLE

VALVES SABS 665WATER TANKS

SABS/CKS 114NOTE:Unless

otherwise stated all excavation depths are related to finished levelsNote that all geysers are to be either hung from the roof structure or located on bearing walls, etc and that all hangers, etc must be included to the approval of the engineer. All such bearers, bolts, etc must be allowed for in this tender under the respective item by the tenderer and no claims in this regard will be entertained. Descriptions of pipes in ground are deemed to include for excavation, bedding and backfilling as per the Engineer's details. The stated

depths refer to the measurement from finished ground level to invert level of the pipes. No distinction has been made between pipes been chased in, built in, or to be suspended from roof trusses, etc. The tenders must study the drawings and familiarise themselves with the extent of the works and do the necessary allowances in the tender as no claims in this regards will be entertained.||0.0||||23/08/2022 02:37:12|

629|24593|2|13|77||77||RAINWATER DISPOSAL|H2|0.0||||14/12/2021 07:26:32|

630|24594|2|13|77||77||"Watertite" seamless aluminium Ogee gutters with powder coated finish|H3|0.0||||14/12/2021 07:26:32|

631|24595|2|13|77| A|77. A||150 x 125mm OGEE profile seamless gutters|m|7||||14/12/2021 07:26:32|

632|24596|2|13|77| B|77. B||Extra over 150 x 125mm eaves gutter for stopped end|No|6||||14/12/2021 07:26:32|

633|24597|2|13|77| C|77. C||Extra over 150 x 125mm eaves gutter for outlet for 110mm square profile pipe|No|6||||14/12/2021 07:26:32|

634|24598|2|13|77||77||Aluminium downpipes|H3|0.0||||20/09/2022 09:44:50|

635|24599|2|13|77| D|77. D||180mm Downpipe fixed complete in its entirety|m|6||||20/09/2022 09:45:10|

636|24600|2|13|77| E|77. E||Extra over downpipe for shoe|No|3||||20/09/2022 09:45:21|

637|24601|2|13|77| F|77. F||Extra over downpipe for bend|No|3||||20/09/2022 09:45:30|

638|24602|2|13|77| G|77. G||Extra over downpipe for swan-neck|No|3||||20/09/2022 09:45:42|

639|14620|2|13|77||77||SANITARY FITTINGS|H2|0.0||||03/12/2021 02:48:44|

640|17327|2|13|77||77||Hand wash basin|H3|0.0||||03/12/2021 02:48:44|

641|21581|2|13|77| H|77. H||"Rossco" (ROS-SHSQ627) white ceramic wall hung handwash basin size 450 x 450mm with waste & taphole, no overflow, installed with bottle trap, including 2 x 1/4 turn isolation valve on hot and cold water supply line, complete as per architect's drawings:  
21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|7||||17/08/2022 12:45:33|

642|14425|2|13|77||77||Stainless steel sinks|H3|0.0||||03/12/2021 02:48:44|

643|25141|2|13|77| J|77. J||"Kwikot Arden Series" stainless steel single bowl sink (Type SSO-1200-SE) with 38mm waste, complete as per drawing :  
2022\_CSIR\_A.03.1.2 and Architectural Specification Document|No|1||||17/08/2022 10:55:21|

644|26097|2|13|78||78||Ceramic sinks|H3|0.0|||||17/08/2022 12:12:41|

645|19264|2|13|78| A|78. A||"VAAL" Vitreous china rectangular laboratory drop-on sink (code: 236100) size 600 x 400 x 200mm without overflow and a centre end waste outlet, fixed underneath of countertop using two adjustable underslung brackets (code 8109Z0) including 38mm Acid resistant waste (code 8791Z0), complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|2|||||17/08/2022 12:16:13|

646|22974|2|13|78||78||Epoxy Resin Laboratory Sink |H3|0.0|||||03/12/2021 02:48:44|

647|22975|2|13|78| B|78. B||"Simmons" Single bowl drop-on single drainer epoxy resin sink (code: SEL16-DO) size 600 x 450 x 300mm deep with and including waste, including 2 x 1/4 turn isolation valve on hot and cold water supply line, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|1|||||17/08/2022 12:46:23|

648|23394|2|13|78||78||Double Bowl Stainless Steel Pot Sink|H3|0.0|||||17/08/2022 12:17:08|

649|23395|2|13|78| C|78. C||"Chilli-B" Double bowl pot sink (code: P2-1850-PB/2620482) grade 304 stainless steel 1,2mm thick with a 300mm high integral splash back and 50 x 10mm turn down with a beaded edge on the remaining sides, overall size 900 x 1850 x 650mm including 40mm waste outlet and stainless steel slatted under shelf and including 2 x 1/4 turn isolation valve per tap on hot and cold water supply line, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|1|||||17/08/2022 12:47:16|

650|22972|2|13|79||79||"Broen Lab" handheld wall mounted double eye/face shower with bowl|H3|0.0|||||17/08/2022 11:29:08|

651|22973|2|13|79| A|79. A||"Broen-Lab" handheld wall mounted double eye/face shower with bowl, bowl in brass and stainless steel 20mm female inlet at top of shower, eye wash bowl minimum working pressure 1.5 bar including a self draining shower head and bowl with integrated outlet including 1 x 1/4 turn isolation valve on cold water supply line, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|2|||||17/08/2022 11:34:40|

652|24761|2|13|79||79||"Spilldoctor" wall mounted eye/face shower with bowl|H3|0.0|||||17/08/2022 11:28:42|

653|24762|2|13|79| B|79. B||"Spilldoctor" wall mounted eye/face shower with bowl, bowl in stainless steel including two high-flow aerated water sprays at low pressure with automatic opening anti-dust cover, male inlet ISO 228 G1/2", eye wash bowl Minimum working pressure: 1.5 bar, 1 x 1/4 turn isolation valve on

cold water supply line, complete as per architect's drawings:  
21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and  
schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification  
document|No|3|||||17/08/2022 11:26:25|

654|25142|2|13|79||79||"Carlos Arboles" body and eye  
shower|H3|0.0|||||17/08/2022 11:20:02|

655|25143|2|13|79| C|79. C||"Carlos Arboles" eye/face shower station, eyewash  
assembly and bowl in ABS plastic, galvanised steel piping and brass fittings  
including two high-flow aerated water sprays at low pressure with automatic  
opening anti-dust cover, eye wash bowl Minimum working pressure: 1.5 bar, 1 x  
1/4 turn isolation valve on cold water supply line, complete as per architect's  
drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A  
and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out  
specification document|No|2|||||17/08/2022 11:34:44|

656|19273|2|13|80||80||Floor Drains and Traps|H3|0.0|||||17/08/2022 12:25:39|

657|19274|2|13|80| A|80. A||"ACO Floor Drain & trap" (code: 405143) 50mm  
diameter floor drain with a flow rate of 1.2 litres per second, complete as per  
architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A,  
21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule  
21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification  
document|No|7|||||17/08/2022 12:27:29|

658|24753|2|13|80||80||BATHROOM FITTINGS|H2|0.0|||||17/08/2022 01:17:12|

659|26103|2|13|80||80||"Chilli-B" or similar approved|H3|0.0|||||17/08/2022  
01:19:13|

660|22908|2|13|80| B|80. B||"Chilli-B" Stainless steel wall mounted elbow action  
soap dispenser (code: CL0075), complete as per architect's drawings:  
21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and  
schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification  
document|No|7|||||17/08/2022 01:19:58|

661|26105|2|13|80| C|80. C||"Chilli-B" Satin grey plastic sanitary bin size 463  
x 140 x 480mm high (code: FR-RODX605), complete as per architect's drawings:  
21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and  
schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification  
document|No|7|||||22/08/2022 01:28:03|

662|26106|2|13|80| D|80. D||"Chilli-B" Hand towel (code: F-STRX600), complete as  
per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A,  
21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule  
21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification  
document|No|7|||||22/08/2022 01:28:06|

663|18188|2|13|81||81||WASTE UNIONS ETC|H2|0.0|||||03/12/2021 02:48:44|

664|26092|2|13|81||81||"KWIKOT" or similar approved waste  
unions|H3|0.0|||||17/08/2022 10:57:52|

665|26093|2|13|81| A|81. A||40mm "Kwikot" (Code : SSKIT-OCTI-1) or similar approved single bowl waste outlet, backnut, plug, chain and stay, complete as per drawing : 2022\_CSIR\_A.03.1.2 and Architectural Specification Document|No|1|||||17/08/2022 10:59:23|

666|18370|2|13|81||81||"Cobra" or similar approved waste unions|H3|0.0|||||03/12/2021 02:48:44|

667|18369|2|13|81| B|81. B||40mm "Cobra" (Code : 310-40) or similar approved Chromium-plated copper waste outlet, backnut, plug, chain and stay, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|11|||||17/08/2022 01:09:50|

668|18190|2|13|81||81||TRAPS ETC|H2|0.0|||||03/12/2021 02:48:44|

669|18194|2|13|81||81||Waste traps, etc, jointed to pipes as described including necessary adaptors, et|H3|0.0|||||03/12/2021 02:48:44|

670|18384|2|13|81| C|81. C||"Cobra" Bottle Trap (Code: 365/50P) (Type SF13) or similar approved including all spares tail pipe, cap nut, wall flange, etc, complete as per drawing : 2022\_CSIR\_A.03.1.2 and Architectural Specification Document|No|1|||||17/08/2022 12:41:20|

671|22984|2|13|81| D|81. D||"Broen-Lab" Black Polypropylene bottle trap (Code: 97B0040) or similar approved including all spares tail pipe, cap nut, wall flange, etc, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|11|||||17/08/2022 12:41:41|

672|18357|2|13|81||81||TAPS, VALVES, ETC|H2|0.0|||||03/12/2021 02:48:44|

673|18358|2|13|81| E|81. E||15mm Angle valves on wall flanged with 350mm flexible hose connector|No|12|||||03/12/2021 02:48:44|

674|26094|2|13|82||82||"FRANKE" or similar approved|H3|0.0|||||17/08/2022 11:02:03|

675|26095|2|13|82| A|82. A||"Franke Projectline Swivel Chrome" sink mixer (code: 115.0193.184) ceramic disk cartridge with anti-scold, complete as per drawing : 2022\_CSIR\_A.03.1.2 and Architectural Specification Document|No|1|||||17/08/2022 11:04:13|

676|22917|2|13|82||82||"Cobra" or similar approved|H3|0.0|||||03/12/2021 02:48:44|

677|26096|2|13|82| B|82. B||"Cobra Cobra Ledim" Stop tap with sliding wall flange. 1/2BSP female iron connection ends (code: L0-228-15/N), , complete as per drawing : 2022\_CSIR\_A.03.1.2 and Architectural Specification Document|No|1|||||17/08/2022 01:01:24|

678|22987|2|13|82| C|82. C||"Cobra" wall mounted elbow action medical mixer

(code: FEAUALEA-0GT0050 (6002194030348)), with progressive temperature control and integral inlet regulating valves, adjustable inlet connections with wall flanges, under slung aerated cast swivel outlet 1/2" BSP male iron connection ends, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|4|||||17/08/2022 01:04:17|

679|26100|2|13|82||82||"GROHE" or similar approved|H3|0.0|||||17/08/2022 12:51:33|

680|22985|2|13|82|D|82.D||"GROHE Euroeco Special" Single lever safety basin mixer (Code: 32 789 000) mounted onto basin, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|7|||||17/08/2022 12:52:59|

681|26101|2|13|83||83||"Carlos Arboles" or similar approved|H3|0.0|||||17/08/2022 12:57:09|

682|26102|2|13|83|A|83.A||"Carlos Arboles" Mixer with Wrist Action Levers (code: 6157), cold and hot water mixer including wrist action lever, bench mounted, 150mm centres, removable nozzle, swivel swanneck, complete as per architect's drawings: 21\_028-LTS-DR-ZZ-LS-L00-110001-L-A, 21\_028-LTS-DR-ZZ-LS-L00-110002-L-A and schedule 21\_028-LTS-DR-ZZ-LS-L00-170001-L-A and laboratory fit out specification document|No|2|||||17/08/2022 12:58:43|

683|24218|2|13|83||83||ELECTRIC WATER HEATER|H2|0.0|||||09/12/2021 02:17:41|

684|24219|2|13|83||83||"Zip HydroBoil" or similar approved Boiling water dispenser|H3|0.0|||||23/08/2022 01:51:52|

685|24220|2|13|83|B|83.B||"Zip HydroBoil" or similar approved Boiling water dispenser (HydroBoil) with 5L water capacity, size 318 x 150 x 460mm high, White Epoxy Powder Coated outer case (code: 2610008) plugged to wall over counter with and including sink drip tray, with and including two-way tap and twin-chamber technology, complete as per drawing : 2022\_CSIR\_A.03.1.2 and Architectural Specification Document|No|1|||||17/08/2022 11:15:53|

686|0|2|13||||||0.0|||||22/09/2022 12:00:00|

687|19425|2|14|85||85||BILL NO. 14|H1|0.0|||||18/08/2022 08:06:01|

688|19426|2|14|85||85||PAINTWORK|H1|0.0|||||03/12/2021 02:48:44|

689|16977|2|14|85||85||NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill|0.0|||||03/12/2021 02:48:44|

690|19456|2|14|85||85||SUPPLEMENTARY PREAMBLES|H2|0.0|||||03/12/2021 02:48:44|

691|19457|2|14|85||85||All colours to be selected by the architect|0.0|||||03/12/2021 02:48:44|

692|19458|2|14|85||85||Only approved brands of paint shall be permitted||0.0|||||03/12/2021 02:48:44|

693|19459|2|14|85||85||All painting measured generally will be in colours with a value of more than 7 on the Munsell system in accordance with the relevant SABS specification. Any painting in colours with a value of 7 or less on the Munsell system shall be given as paintwork in darker colours||0.0|||||03/12/2021 02:48:44|

694|19460|2|14|85||85||Previously painted surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint Shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth||0.0|||||03/12/2021 02:48:44|

695|22558|2|14|85||85||PAINTWORK TO PREVIOUSLY PAINTED WORK|H1|0.0|||||03/12/2021 02:48:44|

696|15866|2|14|85||85||ON FLOATED PLASTER, ETC|H2|0.0|||||03/12/2021 02:48:44|

697|22993|2|14|85||85||Prepare, stop and apply one coat plaster primer (UC 56) and two coats "Plascon Wall & All" or similar, to be approved paint on surfaces in good condition, complete as per Architectural Specification Document|H3|0.0|||||17/08/2022 01:44:07|

698|22994|2|14|85| A|85. A||On internal walls|m2|1013|||||03/12/2021 02:48:44|

699|24441|2|14|86||86||ON PLASTERBOARD|H2|0.0|||||14/12/2021 02:04:51|

700|24442|2|14|86||86||Prepare, stop and apply one coat plaster primer (UC 56) and two coats "Plascon Wall & All" or similar, to be approved paint on surfaces in good condition, complete as per Architectural Specification Document|H3|0.0|||||17/08/2022 01:45:41|

701|14977|2|14|86| A|86. A||On gypsum board partitioning|m2|333|||||03/12/2021 02:48:44|

702|24736|2|14|86||86||ON METAL|H2|0.0|||||13/03/2022 08:43:50|

703|24737|2|14|86||86||One coat Metal Primer (UC 501) and two coats 'Plascon Super Universal Enamel' or similar approved, in good condition all according to manufacturers specifications, complete as per Architectural Specification Document|H3|0.0|||||17/08/2022 01:45:18|

704|24738|2|14|86| B|86. B||On windows |m2|59|||||13/03/2022 08:44:24|

705|24742|2|14|86| C|86. C||On balustrades|m2|34|||||13/03/2022 08:57:44|

706|22559|2|14|86||86||PAINTWORK ON NEW WORK|H1|0.0|||||03/12/2021 02:48:44|

707|19428|2|14|86||86||ON FLOATED PLASTER|H2|0.0|||||03/12/2021 02:48:44|

708|19431|2|14|86||86||Prepare and apply one coat plaster primer (UC 56) and two coats "Plascon Wall & All" or similar, to be approved paint on surfaces in good condition, complete as per Architectural Specification



Document|H3|0.0| || ||17/08/2022 01:46:15|

709|19432|2|14|86| D|86. D||On internal walls|m2|328| || ||03/12/2021 02:48:44|

710|24846|2|14|86| E|86. E||On external walls|m2|5| || ||22/03/2022 09:25:16|

711|19437|2|14|86| |86| |ON PLASTERBOARD|H2|0.0| || ||03/12/2021 02:48:44|

712|15685|2|14|86| |86| |Prepare and apply one coat plaster primer (UC 56) and two coats "Plascon Wall & All" or similar, to be approved paint on surfaces in good condition, complete as per Architectural Specification

Document|H3|0.0| || ||17/08/2022 01:46:42|

713|19560|2|14|86| F|86. F||On gypsum board ceilings|m2|64| || ||03/12/2021 02:48:44|

714|23004|2|14|87| |87| |Prepare, stop and apply one coat plaster primer (UC 56) and two coats "Plascon Wall & All" or similar, to be approved paint on surfaces in good condition, complete as per Architectural Specification

Document|H3|0.0| || ||17/08/2022 01:47:01|

715|23005|2|14|87| A|87. A||On gypsum board partitioning|m2|579| || ||03/12/2021 02:48:44|

716|19446|2|14|87| |87| |ON WOOD|H2|0.0| || ||03/12/2021 02:48:44|

717|19447|2|14|87| |87| |One coat wood primer (UC 2) and one coat universal undercoat or similar approved and two coats "Plascon" Velvaglo paint or similar approved as per manufacturer's specification, complete as per Architectural Specification Document|H3|0.0| || ||17/08/2022 01:36:39|

718|20259|2|14|87| B|87. B||On backs of frames, skirtings, etc not exceeding 300mm wide|m|98| || ||17/08/2022 01:37:04|

719|26197|2|14|87| C|87. C||Roof timbers|m2|55| || ||22/08/2022 07:50:42|

720|0|2|14| || || ||0.0| || ||22/09/2022 12:00:00|

721|14601|2|15|89| |89| |BILL NO. 15|H1|0.0| || ||18/08/2022 08:06:05|

722|14602|2|15|89| |89| |EXTERNAL WORK|H1|0.0| || ||03/12/2021 02:48:44|

723|16983|2|15|89| |89| |NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill|0.0| || ||03/12/2021 02:48:44|

724|23107|2|15|89| |89| |NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill|0.0| || ||03/12/2021 02:48:44|

725|23068|2|15|89| |89| |SUPPLEMENTARY PREAMBLES|H2|0.0| || ||03/12/2021 02:48:44|

726|23069|2|15|89| |89| |Nature of the ground|H3|0.0| || ||03/12/2021 02:48:44|

727|23070|2|15|89| |89| |The Tenderer shall acquaint himself by personal examination of the nature of the ground. Descriptions of excavations shall be

deemed to include all ground conditions classifiable as "earth" and where conditions of a more difficult character are indicated these are separately measured||0.0|||||03/12/2021 02:48:44|

728|23071|2|15|89||89||Carting away of excavated material|H3|0.0|||||03/12/2021 02:48:44|

729|23072|2|15|89||89||Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or alternatively, from stock piles situated on the building site||0.0|||||03/12/2021 02:48:44|

730|23108|2|15|90||90||SUPPLEMENTARY PREAMBLES|H2|0.0|||||03/12/2021 02:48:44|

731|23109|2|15|90||90||Cost of tests|H3|0.0|||||03/12/2021 02:48:44|

732|23110|2|15|90||90||The costs of making, storing and testing of concrete test cubes as required under Clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Architect. The testing shall be undertaken by an independent firm or institution nominated by the Contractor to the approval of the Architect (Test cubes are measured separately)||0.0|||||03/12/2021 02:48:44|

733|23112|2|15|90||90||Formwork|H3|0.0|||||03/12/2021 02:48:44|

734|23113|2|15|90||90||Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself||0.0|||||03/12/2021 02:48:44|

735|23114|2|15|90||90||Formwork to soffits of solid slabs, etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described formwork has been measured to the sides of all reinforced concrete in foundations and will be remeasured according to actual usage. However, formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"||0.0|||||03/12/2021 02:48:44|

736|23115|2|15|91||91||THE FOLLOWING TO BE EXECUTED IN AND AROUND EXISTING BUILDING|H2|0.0|||||03/12/2021 02:48:44|

737|23073|2|15|91||91||EXCAVATIONS, ETC|H2|0.0|||||03/12/2021 02:48:44|

738|23074|2|15|91||91||Excavation in earth not exceeding 2m deep|H3|0.0|||||03/12/2021 02:48:44|

739|23075|2|15|91| A|91. A||To reduce levels to final levels under floors, etc|m3|29|||||03/12/2021 02:48:44|

740|26217|2|15|91| B|91. B||Holes|m3|7|||||23/08/2022 12:12:59|

741|24058|2|15|91||91||Prescribed density tests on filling|H3|0.0|||||09/12/2021 09:27:59|

742|24059|2|15|91| C|91. C||"Modified AASHTO Density" test|No|6|||||09/12/2021 09:27:59|

743|26218|2|15|91||91||Extra over all excavations for carting away|H3|0.0|||||23/08/2022 12:13:41|

744|26219|2|15|91| D|91. D||Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor|m3|7|||||23/08/2022 12:14:02|

745|26220|2|15|91||91||Risk of collapse of excavations|H3|0.0|||||23/08/2022 12:14:20|

746|26221|2|15|91| E|91. E||Sides of trench and hole excavations not exceeding 1.5m deep|m2|29|||||23/08/2022 12:14:35|

747|26222|2|15|91||91||UNREINFORCED CONCRETE CAST AGAINST EXCAVATED|H2|0.0|||||23/08/2022 12:15:08|

748|26223|2|15|91||91||15MPa/19mm concrete|H3|0.0|||||23/08/2022 12:15:20|

749|26224|2|15|91| F|91. F||Surface blinding under footings and bases|m3|1|||||23/08/2022 12:15:39|

750|25837|2|15|91||91||REINFORCED CONCRETE|H2|0.0|||||10/08/2022 03:03:35|

751|25838|2|15|91||91||30MPa/19mm concrete|H3|0.0|||||10/08/2022 03:03:35|

752|25839|2|15|91| G|91. G||Concrete Plinths|m3|10|||||10/08/2022 03:03:36|

753|26225|2|15|91| H|91. H||Bases|m3|3|||||23/08/2022 12:16:08|

754|25840|2|15|92||92||TEST BLOCKS|H2|0.0|||||10/08/2022 03:03:36|

755|25841|2|15|92||92||Test blocks|H3|0.0|||||10/08/2022 03:03:36|

756|25842|2|15|92| A|92. A||Making and testing set of three 150 x 150 x 150mm concrete strength test cubes|No|17|||||10/08/2022 03:03:36|

757|25843|2|15|92||92||CONCRETE SUNDRIES|H2|0.0|||||10/08/2022 03:03:36|

758|25844|2|15|92||92||Finishing top surfaces of concrete smooth with a power float|H3|0.0|||||10/08/2022 03:03:36|

759|25845|2|15|92| B|92. B||Surface beds, slabs, etc|m2|98|||||10/08/2022 03:03:36|

760|25846|2|15|92||92||FORMWORK|H2|0.0|||||10/08/2022 03:03:37|

761|25847|2|15|92||92||ROUGH FORMWORK (DEGREE OF ACCURACY II)|H2|0.0||||10/08/2022 03:03:37|

762|25848|2|15|92||92||Rough formwork to sides|H3|0.0||||10/08/2022 03:03:37|

763|26227|2|15|92| C|92. C||Bases|m2|13||||23/08/2022 01:12:59|

764|25849|2|15|92| D|92. D||Edges of surface bed panels, ramps, etc not exceeding 300mm high or wide|m|82||||10/08/2022 03:03:37|

765|25850|2|15|92||92||MOVEMENT JOINTS, ETC|H2|0.0||||10/08/2022 03:03:37|

766|25851|2|15|92||92||Isolation joints with "Jointex" between vertical concrete surfaces|H3|0.0||||10/08/2022 03:03:37|

767|25852|2|15|92| E|92. E||10mm Joints not exceeding 300mm high|m|22||||10/08/2022 03:03:38|

768|25853|2|15|92||92||Saw cut joints|H3|0.0||||10/08/2022 03:03:38|

769|25854|2|15|92| F|92. F||3 x 50mm Saw cut joints in top of concrete|m|29||||10/08/2022 03:03:38|

770|25855|2|15|92||92||Fabric reinforcement|H3|0.0||||10/08/2022 03:03:38|

771|25856|2|15|92| G|92. G||Type 193 fabric reinforcement in concrete surface beds, slabs, etc|m2|98||||10/08/2022 03:03:38|

772|23094|2|15|93||93||FILLING, ETC|H2|0.0||||08/08/2022 10:11:54|

773|19698|2|15|93||93||Earth filling supplied by the contractor under pavings, premix roads, etc|H3|0.0||||03/12/2021 02:48:44|

774|19700|2|15|93| A|93. A||Over site of G5 material in natural gravel subbase in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density|m3|15||||03/12/2021 02:48:44|

775|23102|2|15|93||93||Compaction of surfaces|H3|0.0||||03/12/2021 02:48:44|

776|23103|2|15|93| B|93. B||Compaction of ground surface under pavings, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density|m2|98||||03/12/2021 02:48:44|

777|21092|2|15|93||93||FENCING, ETC|H2|0.0||||08/08/2022 10:11:45|

778|26074|2|15|93||93||Galvanised security fence with bitumen dipped steel standards and bitumen-aluminium painted (two coats) steel pipe posts, stays, gates, etc including galvanised steel bolts, straining eye bolts, etc, site clearance and preparation of ground|H3|0.0||||16/08/2022 04:14:17|

779|26075|2|15|93| C|93. C||Gate of 30mm diameter SHS framing, 1 250 x 2 100m high vertically with both stiles extended at top, the vertical section covered

with GMS mesh insert, including hinges, heavy duty lockable barrel bolt and brass five-pin tumbler padlock, as per the architect's drawing:  
21\_028-LTS-DR-ZZ-LS-L00-190001-T-A and 21\_028-LTS-DR-ZZ-LS-L00-190002-T-A and  
Laboratory Internal Architectural Specification Document|No|4|||||16/08/2022  
04:23:10|

780|26076|2|15|93| D|93. D||50mm Diameter SHS post 2 100mm long, including  
fixing complete in its entirety to plinth, as per the architect's drawing:  
21\_028-LTS-DR-ZZ-LS-L00-190001-T-A and 21\_028-LTS-DR-ZZ-LS-L00-190002-T-A and  
Laboratory Internal Architectural Specification Document|No|8|||||16/08/2022  
04:23:23|

781|25821|2|15|94||94||SUB SOIL DRAINAGE|H2|0.0|||||10/08/2022 01:26:37|

782|25822|2|15|94||94||Waterproofed concrete and brick sump chamber including  
stepping irons, 600 x 900mm heavy duty cover and frame complete in its  
entirety|H3|0.0|||||21/09/2022 09:03:46|

783|25823|2|15|94| A|94. A||Excavate for and build sump chamber overall size 1  
000 x 1 000 x 1 835mm, exceeding 1 000mm deep and not exceeding 2 000mm deep  
internally, including cast in-situ cover slab, brickwork, 150mm concrete base,  
building pipes through sides, etc|No|1|||||10/08/2022 02:58:23|

784|0|2|15||||||0.0|||||22/09/2022 12:00:00|

785|23224|2|16|96||96||BILL NO. 16|H1|0.0|||||18/08/2022 08:06:10|

786|23225|2|16|96||96||BUDGETARY ALLOWANCES|H1|0.0|||||17/08/2022 08:03:05|

787|23226|2|16|96||96||The following net sums are for work to be executed by the  
principal contractor and or specialists and or domestic sub-contractors and will  
be measured on completion and priced in terms of the contract as directed by the  
principal agent and deducted in whole or part if not  
required||0.0|||||03/12/2021 02:48:44|

788|26209|2|16|96||96||BOXING IN STEEL GANTRY BEAM|H2|0.0|||||22/08/2022  
08:44:24|

789|26210|2|16|96| A|96. A||Allow the budgetary amount of R105,000.00 (One  
Hundred and Five Thousand Rand and Zero Cents) NET for boxing in the steel  
gantry beam on the first floor at the Biopharmaceutical Facility to be used as  
directed by the Principal Agent and deducted in whole or in part if not  
required|Item|1.00|105,000.00|105,000.00|||21/09/2022 09:06:41|

790|25829|2|16|96||96||BUILDERS WORK|H2|0.0|||||10/08/2022 02:36:59|

791|25830|2|16|96| B|96. B||Allow the budgetary amount of R50,000.00 (Fifty  
Thousand Rand and Zero Cents) NET for unforeseen builders work and alterations  
for the Small Molecule Facility to be used as directed by the Principal Agent  
and deducted in whole or in part if not  
required|Item|1.00|50,000.00|50,000.00|||10/08/2022 02:48:45|

792|25831|2|16|96| C|96. C||Allow the budgetary amount of R50,000.00 (Fifty  
Thousand Rand) NET for unforeseen builders work and alterations for the

Biopharmaceutical to be used as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|50,000.00|50,000.00|||23/08/2022 02:42:54|

793|26241|2|16|97||97||FIRE PAINT TO EXPOSED STRUCTURAL STEEL|H2|0.0|||19/09/2022 01:18:42|

794|26242|2|16|97| A|97. A||Allow the budgetary amount of R150,000.00 (One Hundred and Fifty Thousand Rand and Zero Cents) NET for painting exposed structural steel members with intumescent paint at the Biopharmaceutical Facility, to be used as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|150,000.00|150,000.00|||19/09/2022 01:24:25|

795|26047|2|16|97||97||FIRE SEALANT|H2|0.0|||16/08/2022 03:15:43|

796|26048|2|16|97| B|97. B||Allow the budgetary amount of R25,000.00 (Twenty Five Thousand Rand) NET for the fire sealant of existing laboratory facilities to be used as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|25,000.00|25,000.00|||23/08/2022 02:43:02|

797|26051|2|16|97||97||MAKING NEAT|H2|0.0|||16/08/2022 03:30:22|

798|26052|2|16|97| C|97. C||Allow the budgetary amount of R15,000.00 (Fifteen Thousand Rand) NET for making neat to the administrative areas to be used as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|15,000.00|15,000.00|||23/08/2022 02:43:09|

799|25835|2|16|97||97||RE-LOCATE SOUND BARRIER|H2|0.0|||10/08/2022 02:51:38|

800|25834|2|16|97| D|97. D||Allow the budgetary amount of R50,000.00 (Fifty Thousand Rand) NET for removing the sound barrier including structural steel work, concrete plinths, etc and installing paving with layerworks complete as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|50,000.00|50,000.00|||23/08/2022 02:43:20|

801|25836|2|16|97| E|97. E||Allow the budgetary amount of R25,000.00 (Twenty Five Thousand Rand) NET for the lifting / crantage, moving & storing of big equipment during construction as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|25,000.00|25,000.00|||23/08/2022 02:43:28|

802|25833|2|16|98||98||SEALING EXISTING WINDOWS|H2|0.0|||10/08/2022 02:50:10|

803|25832|2|16|98| A|98. A||Allow the budgetary amount of R50,000.00 (Fifty Thousand Rand) NET for the sealing of existing windows and doors to laboratory areas to be used as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|50,000.00|50,000.00|||20/09/2022 09:53:23|

804|26090|2|16|98||98||STEEL STEP|H2|0.0|||17/08/2022 10:50:02|

805|26091|2|16|98| B|98. B||Allow the budgetary amount of R5,000.00 (Five Thousand Rand and Zero Cents) NET for a steel step on the first floor at the Biopharmaceutical Facility, to be used as directed by the Principal Agent and deducted in whole or in part if not

required|Item|1.00|5,000.00|5,000.00|||17/08/2022 10:50:30|

806|23227|2|16|98||98||SUMP PUMP|H2|0.0|||10/08/2022 01:29:40|

807|26078|2|16|98|C|98.C|Allow the budgetary amount of R10,000.00 (Ten Thousand Rand and Zero Cents) NET for Sump Pump, to be used as directed by the Principal Agent and deducted in whole or in part if not required|Item|1.00|10,000.00|10,000.00|||16/08/2022 04:37:37|

808|0|2|16|||0.0|||22/09/2022 12:00:00|

809|12758|2|17|100|1|100.1|Alterations|Page|12|0|||10/08/2022 02:35:41|

810|24060|2|17|100|2|100.2|Concrete, Formwork and Reinforcement|Page|16|0|||10/08/2022 02:35:41|

811|15873|2|17|100|3|100.3|Masonry|Page|20|0|||10/08/2022 02:35:41|

812|24812|2|17|100|4|100.4|Waterproofing|Page|23|0|||10/08/2022 02:35:41|

813|24581|2|17|100|5|100.5|Roof Covering|Page|24|0|||10/08/2022 02:35:41|

814|12795|2|17|100|6|100.6|Carpentry and Joinery|Page|39|0|||10/08/2022 02:35:41|

815|12809|2|17|100|7|100.7|Ceilings, partitions, etc|Page|52|0|||10/08/2022 02:35:41|

816|12836|2|17|100|8|100.8|Floor coverings, etc|Page|56|0|||10/08/2022 02:35:41|

817|24516|2|17|100|9|100.9|Structural Steelwork|Page|62|0|||10/08/2022 02:35:41|

818|15941|2|17|100|10|100.10|Metalwork|Page|67|0|||10/08/2022 02:35:41|

819|12873|2|17|100|11|100.11|Plastering|Page|68|0|||10/08/2022 02:35:41|

820|15811|2|17|100|12|100.12|Tiling|Page|71|0|||10/08/2022 02:35:41|

821|12901|2|17|100|13|100.13|Plumbing & Drainage|Page|84|0|||10/08/2022 02:35:41|

822|19424|2|17|100|14|100.14|Paintwork|Page|88|0|||10/08/2022 02:35:41|

823|14600|2|17|100|15|100.15|External Work|Page|95|0|||10/08/2022 02:35:41|

824|25825|2|17|100|16|100.16|Budgetary Allowance|Page|99|0|||10/08/2022 02:35:41|

|\*|TOTAL ITEMS|824|MSD ITEMS|347|QUANTITY#|12957.41|RATE#|0.00|

|\*|END|ASCII|