

| Sr. No. | Description   | Unit | Rate (Rs.) |           | Ref. Tech. Specs. |
|---------|---|------|------------|-----------|-------------------|
|         |   |      | Labour     | Composite |                   |
| 23-1    | Providing and fixing European type glazed earthenware water closet ICL Boch/Forte or approved equivalent make including cost of inlet pipe, lid cistern kit, stop cock deluxe and other accessories, fitting material such as brackets, PVC down pipe where required, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material. |      |            |           | 23..2.5.4 (a)     |
|         | a) Water closet floride coupled/4030  |      |            |           |                   |
|         | i) White  | Each | 958.55     | 9,693.90  |                   |
|         | ii) Coloured  | Each | 958.55     | 9,589.10  |                   |
|         | b) W.C. fregate coupled/4006  |      |            |           |                   |
|         | i) White  | Each | 958.55     | 7,701.50  |                   |
|         | ii) Coloured  | Each | 958.55     | 8,775.00  |                   |
|         | c) W.C. non-coupled 7HU   |      |            |           |                   |
|         | i) White  | Each | 958.55     | 7,542.95  |                   |
|         | ii) Coloured  | Each | 958.55     | 8,061.70  |                   |
| 23-2    | Providing and fixing squatting type water closet with integral treads ICL Boch/Karam Cera or approved equivalent make including cost of inlet pipe cistern and lid cistern kit, stop cock deluxe type and other accessories, fittings, brackets, PVC down pipe, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.       |      |            |           | 23.2.5.4          |
|         | a) W.C. Indian/Desi/902 with glazed earthen ware 4" (100 mm) trap   |      |            |           |                   |
|         | i) White  | Each | 902.15     | 6,694.05  |                   |
|         | ii) Coloured  | Each | 902.15     | 6,792.45  |                   |
|         | b) W.C. Orisa/Asian/900 with glazed earthen ware 4" (100 mm) trap   |      |            |           |                   |
|         | i) White  | Each | 902.15     | 6,430.65  |                   |
|         | ii) Coloured  | Each | 902.15     | 7,693.05  |                   |
| 23-3    | Providing and fixing European type glazed earthenware water closet ICL Ifo/Forte or approved equivalent make including cost of inlet pipe, lid cistern kit, stop cock deluxe and other accessories, fitting material such as brackets, PVC down pipe where required, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.  |      |            |           | 23.2.5.4          |
|         | i) White  | Each | 902.15     | 9,130.15  |                   |
|         | ii) Coloured  | Each | 902.15     | 9,447.15  |                   |
| 23-4    | Providing and fixing export quality ICL Boch/Karam Cera or equivalent make flat back lipped front urinal basin or glazed earthen ware with and including the cost of 1 gallon (4.5 lit) C.I automatic flushing cistern with fittings a pet cock C.I. or W.I. brackets standard flush pipe with fittings, standard waste pipe (enamelled iron) connection and making good with approved material.                    |      |            |           | 23.2.5.7          |



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|---|--|--------|------------|-----------|-------------------|--|
|   |  |        | Labour     | Composite |                   |  |
| 23-5  | a) Urinal 6003   | Each   | 676.60     | 7,675.30  | 23.2.5.1          |  |
|   | i) White   |        |            |           |                   |  |
|   | ii) Coloured   | Each   | 676.60     | 7,819.40  |                   |  |
|   | b) Urinal 6001   | Each   | 676.60     | 7,531.20  |                   |  |
|   | i) White   |        |            |           |                   |  |
|   | ii) Coloured   | Each   | 676.60     | 7,531.20  |                   |  |
|   | Providing and fixing export quality glazed earthen ware wash basin manufactured by ICL Boch/Karam Cera or equivalent approved make with single hole chromium plated mixer tap 1/2" (15mm), pillar tap one way delux, stop cocks, C.I. or W.I. brackets 6" (150mm) built into walls 1.5" (40mm) C.P. brass waste with malleable iron or C.P. brass trap with malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material. |        |            |           |                   |  |
|   | a) Wash basin 18" (450 mm) without pedestal  | Each   | 676.60     | 13,033.50 |                   |  |
|   | i) White   |        |            |           |                   |  |
|   | ii) Coloured   | Each   | 676.60     | 13,292.85 |                   |  |
|   | b) Wash basin 24" (610 mm) Futura without pedestal   | Each   | 676.60     | 13,898.05 |                   |  |
|   | i) White   |        |            |           |                   |  |
|   | ii) Coloured   | Each   | 676.60     | 14,042.15 |                   |  |
|   | c) Wash basin 26" (650 mm) without pedestal  | Each   | 676.60     | 14,330.30 |                   |  |
| i) White  |  |        |            |           |                   |  |
| ii) Coloured  | Each   | 676.60 | 14,186.25  |           |                   |  |
| d) Extra over above for providing and fixing white glazed earthen ware pedestal manufactured by ICL/Karam Cera or approved equivalent make. |  |        |            |           |                   |  |
| i) White  | Each   | 140.95 | 525.00     |           |                   |  |
| ii) Coloured  | Each   | 140.95 | 574.95     |           |                   |  |
| 23-6  | Providing and fixing English or approved equivalent bath tub of desired colour with and including the cost of 1.5" dia. C.P. brass waste, 1.25" dia. brass overflow, (3/4") size C.P. brass pillar taps, C.P. brass chain with rubber plug and making required number of holes in walls plinth and floor for pipe connections and making good with approved material.  |        |            |           | 23.2.5.9          |  |
|   | a) Porcelain enamelled cast iron bath tub 66" x 28" x 23" size   | Each   | 2,255.40   | 34,727.95 |                   |  |
|   | b) Fibre glass bath tub 72" x 28" x 23"  | Each   | 2,255.40   | 30,405.10 |                   |  |
| 23-7  | Providing and fixing ICL /Karam cera or approved equivalent make glazed earthen ware shower tray including fittings, bib cok, stop cock, shower kit, trap and making requisite numbers of holes and making good with approved material.  | Each   | 902.15     | 5,922.80  |                   |  |

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|---------|--|-----------------|-----------------|--------------------|-------------------|
|         |  |                 | Labour          | Composite          |                   |
| 23-8    | Providing and fixing stainless steel sink Pakistan made with C.I. or W.I brackets 6" built in wall, 1.5" (40 mm) rubber plug, C.P. brass chain, C.P. brass waste, pillar tap 2 way delux, 1.5" dia malleable iron or C.P. brass trap and unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material. |                 |                 |                    | 23.2.5.3          |
| a)      | Stainless steel sink 40" x 20" (1000 mm x 500 mm)  | Each            | 902.15          | 6,846.10           |                   |
| b)      | Stainless steel sink 33" x 18" (825 mm x 450 mm)   | Each            | 902.15          | 6,269.70           |                   |
| 23-9    | Providing and fixing floor trap of approved self cleaning design with screwed down grating with or without a vent arm with and including making requisite number of holes in walls, plinth and floor for pipe connection and making good with  |                 |                 |                    | 23.2.4.1          |
| a)      | C.I. floor trap 6" x 2" and 6" x 3" size with grating.   | Each            | 225.55          | 1,666.50           |                   |
| b)      | C.I. floor trap 4" dia. inlet and outlet with C.I. grating.  | Each            | 225.55          | 1,954.70           |                   |
| c)      | C.I. floor trap 6" x 2" size with grating including concrete chamber all round   | Each            | 225.55          | 2,011.50           |                   |
| d)      | C.I. floor trap 6" x 4" size with grating including concrete chamber all round   | Each            | 225.55          | 2,368.70           |                   |
| 23-10   | Providing and fixing white glazed earthen ware export quality bidet with fittings in bath room.  | Each            | 676.60          | 19,351.35          | 23.2.5.5          |
| 23-11   | Providing and fixing standing shower concealed in wall with approved quality control valves, mixer unit and moveable shower head.  | Each            | 902.15          | 14,735.30          | 23.2.5.8          |
| 23-12   | Providing and fixing C.P. brass telephonic shower including holder clamps, screw and bib cock.   | Each            | 169.15          | 4,578.45           | 23.2.5.8          |
| 23-13   | Providing and fixing approved quality chromium plated towel rail with bracket and screws.  |                 |                 |                    |                   |
| a)      | Towel rail 24" x 3/4" (600mm x 20mm)   | Each            | 45.10           | 3,077.85           |                   |
| b)      | Towel rail 30" x 3/4" (750mm x 20mm)   | Each            | 45.10           | 4,973.78           |                   |
| 23-14   | Providing and fixing approved quality C.P. brass toilet paper holder Master /Sonex or equivalent make.   | Each            | 112.75          | 1,215.22           | 23.2.5.11         |
| 23-15   | Providing and fixing looking mirror of Belgium/ Malaysian/ Indonesian glass with chromium plated screws.   | Sq.m.<br>Sq.ft. | 225.55<br>20.95 | 1,207.86<br>112.25 | 23.2.5.2          |
| 23-16   | Providing and fixing shelf of standard size.   |                 |                 |                    | 23.2.5.13         |
| a)      | Glass shelf of 24" x 5" size with guard rails & C.P. brackets.   | Each            | 56.40           | 2,311.80           |                   |
| b)      | Shelf (Master/Sonex make)  | Each            | 56.40           | 2,311.80           |                   |
| 23-17   | Providing and fixing white glazed vitreous China squatting type W.C. pan with integral treads similar to Orissa type.  |                 |                 |                    | 23.2.5.4          |
| a)      | Without trap   | Each            | 451.10          | 2,749.40           |                   |
| b)      | With vitreous China trap   | Each            | 451.10          | 2,939.15           |                   |

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|---------|---|------|------------|-----------|-------------------|
|         |   |      | Labour     | Composite |                   |
| 23-18   | Providing and fixing approved quality fixtures  |      |            |           | 23.2.5.4          |
| a)      | European type White glazed earthen ware W.C. pan.   | Each | 451.10     | 2,670.15  |                   |
| b)      | Providing and fixing plastic flushing cistern of approved quality and colour.   | Each | 451.10     | 2,324.05  |                   |
| c)      | Wash basin 18" (450 mm), White colour   | Each | 451.10     | 2,387.00  |                   |
| d)      | Wash basin 24" (610 mm) ICL Futura make   | Each | 451.10     | 3,251.55  |                   |
| 23-19   | Providing and fixing ICL (Boch) or Karam Cera export quality glazed earthen ware cistern with lid and kit.  |      |            |           | 23.2.5.4          |
| a)      | White   | Each | 225.55     | 2,448.95  |                   |
| b)      | Coloured  | Each | 225.55     | 2,812.05  |                   |
| 23-20   | Providing and fixing approved quality of Bacolite plastic seat with   | Each | 56.40      | 658.70    | 23.2.5.4          |
| 23-21   | Providing and fixing glazed pottery/C.P. brass pull.  | Each | 56.40      | 200.50    | 23.2.5.1(d)       |
| 23-22   | Providing and fixing rubber connection for flush pipe with European   | Each | 56.40      | 195.70    | 23.2.5.4          |
| 23-23   | Providing and fixing approved quality white glazed earthenware lavatory basin with 1/2" (15 mm) dia. single hole C.P. mixer tap, 2 way deluxe pillar tap, stop cocks, 6" C.I. or W.I. brackets built into walls, rubber plug, C.P. brass chain, C.P. brass waste, malleable iron or C.P. brass bottle trap with malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material. |      |            |           | 23.2.5.1          |
| a)      | Lavatory basin 22" x 16" (550 mm x 400 mm)  | Each | 676.60     | 17,356.30 |                   |
| b)      | Lavatory basin 25" x 18" (625 mm x 450 mm)  | Each | 676.60     | 19,661.85 |                   |
| 23-24   | Providing and fixing approved quality glazed fire clay sink 24" x 18" with 6" (150mm) size C.I. or W.I. brackets built in walls, 1.5" (40 mm) rubber plug and C.P. brass chain, C.P. brass waste, pillar tap 2 way deluxe, malleable iron or C.P. brass trap and unions and making requisite numbers of holes in walls, plinth and floor for pipe connections and making good with approved material.   | Each | 902.15     | 7,998.85  | 23.2.5.3          |
| 23-25   | Providing and fixing C.P. chain for sink and lavatory basin.  | Each | 45.10      | 117.15    | 23.2.5.1          |
| 23-26   | Providing and fixing rubber plug for sink and lavatory basin.   | Each | 45.10      | 68.90     |                   |
| 23-27   | Providing and fixing glazed earthen ware foot rest.   | Each | 112.75     | 307.30    |                   |
| 23-28   | Providing and fixing C.P. bottle trap with union and waste pipe   |      |            |           | 23.5.2.4          |
| a)      | 1.25" (30 mm) dia.  | Each | 225.55     | 1,774.55  |                   |
| b)      | 1.5" (40 mm) dia.   | Each | 225.55     | 2,531.05  |                   |
| 23-29   | Providing and fixing soap dish.   |      |            |           | 23.2.5.11         |
| a)      | Chromium plated   | Each | 45.10      | 1,082.60  |                   |
| b)      | Glazed earthen ware   | Each | 45.10      | 1,359.25  |                   |
| 23-30   | Providing and fitting superior quality plastic accessories of approved make   |      |            |           | 23.2.5.11         |
| a)      | Soap dish   | Each | 45.10      | 434.15    |                   |

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|---------|---|------|------------|-----------|-------------------|
|         |   |      | Labour     | Composite |                   |
|         | b) Toilet paper holder  | Each | 45.10      | 405.35    |                   |
|         | c) Towel rod  | Each | 45.10      | 333.30    |                   |
|         | d) Shelf 24" x 5" with bracket and railing.   | Each | 45.10      | 275.65    |                   |
| 23-31   | Providing and fixing C.P. pillar-cock of superior quality of approved make.   |      |            |           | 23.2.5.10         |
|         | a) 1/2" (12 mm) dia.  | Each | 45.10      | 1,240.35  |                   |
|         | b) 3/4" (20 mm) dia.  | Each | 45.10      | 1,409.00  |                   |
| 23-32   | Providing and fixing C.P. stop-cock of superior quality of approved make.   |      |            |           | 23.2.5.10         |
|         | a) 1/2" (12 mm) dia.  | Each | 45.10      | 1,285.55  |                   |
|         | b) 3/4" (20 mm) dia.  | Each | 45.10      | 1,643.35  |                   |
| 23-33   | Providing and fixing underground stop-cock with superior quality C.P. cover of approved make.                                   |      |            |           | 23.2.5.10         |
|         | a) 1/2" (12 mm) dia.  | Each | 45.10      | 1,386.98  |                   |
|         | b) 3/4" (20 mm) dia.  | Each | 45.10      | 1,732.96  |                   |
| 23-34   | Providing and fixing superior quality C.P. bib cock of approved make.   |      |            |           | 23.2.5.10         |
|         | a) 1/2" (12 mm) dia.  | Each | 45.10      | 1,376.36  |                   |
|         | b) 3/4" (20 mm) dia.  | Each | 45.10      | 1,544.88  |                   |
| 23-35   | Providing and fixing superior quality 1/2" size C.P. tee stop cock of approved make.  | Each | 45.10      | 619.40    | 23.2.6.3          |
| 23-36   | Providing and fixing C.P. brass shower  |      |            |           | 23.2.5.8          |
|         | a) 1/2" (12 mm) dia inlet and 6" (150 mm) dia. detachable lid   | Each | 45.10      | 902.76    |                   |
|         | b) 1/2" (12 mm) dia inlet and 4" (100 mm) dia. detachable lid   | Each | 45.10      | 736.28    |                   |
| 23-37   | Providing and fixing 1/2" (12 mm) single hole superior quality C.P. mixer of approved make for wash hand basin, sink or shower. | Each | 225.55     | 4,548.40  | 23.2.5.1(e)       |
| 23-38   | Providing and fixing 1" (25 mm) superior quality C.P. flushing valve of approved make for wash hand basin, sink or shower.      | Each | 225.55     | 4,728.50  | 23.3.4.2          |
| 23-39   | Providing and fixing superior quality gun-metal peet/gate valve (Class150) of approved make.                                    |      |            |           | 27.3.1.2          |
|         | a) Screwed ends   |      |            |           |                   |
|         | i) 1/2" (12 mm) dia.  | Each | 77.76      | 278.50    |                   |
|         | ii) 3/4" (20 mm) dia.   | Each | 77.76      | 322.70    |                   |
|         | iii) 1" (25 mm) dia.  | Each | 169.15     | 394.80    |                   |
|         | iv) 1.25" (30 mm) dia.  | Each | 169.15     | 454.52    |                   |
|         | v) 1.5" (40 mm) dia.  | Each | 326.66     | 542.62    |                   |
|         | vi) 2" (50 mm) dia.   | Each | 326.66     | 773.10    |                   |
|         | vii) 2.5" (65 mm) dia.  | Each | 544.41     | 1,612.69  |                   |
|         | viii) 3" (75 mm) dia.   | Each | 544.41     | 1,965.48  |                   |

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|---------|--|---------------|----------------|----------------------|---------------------------|
|         |  |               | Labour         | Composite            |                           |
|         | ix) 4" (100 mm) dia.   | Each          | 777.72         | 2,665.86             |                           |
|         | x) 6" (150 mm) dia.  | Each          | 777.72         | 2,822.00             |                           |
|         | b) Flanged ends  |               |                |                      |                           |
|         | i) 1/2" (12 mm) dia.   | Each          | 233.31         | 504.00               |                           |
|         | ii) 3/4" (20 mm) dia.  | Each          | 233.31         | 628.48               |                           |
|         | iii) 1" (25 mm) dia.   | Each          | 466.62         | 1,022.45             |                           |
|         | iv) 1.25" (30 mm) dia.   | Each          | 466.62         | 1,492.22             |                           |
|         | v) 1.5" (40 mm) dia.   | Each          | 601.43         | 1,586.60             |                           |
|         | vi) 2" (50 mm) dia.  | Each          | 601.43         | 1,835.92             |                           |
|         | vii) 2.5" (65 mm) dia.   | Each          | 801.91         | 2,235.57             |                           |
|         | viii) 3" (75 mm) dia.  | Each          | 801.91         | 2,468.45             |                           |
|         | ix) 4" (100 mm) dia.   | Each          | 902.17         | 2,704.13             |                           |
|         | x) 6" (150 mm) dia.  | Each          | 902.17         | 2,989.83             |                           |
| 23-40   | Providing and fitting superior quality C.P. or brass oxidised 1/2" (12mm) swan neck pillar cock (tap) of approved make.  |               |                |                      | 23.2.5.10<br>23.2.5.3 (e) |
|         | a) Single way  | Each          | 77.76          | 2,487.05             |                           |
|         | b) Double way  | Each          | 169.15         | 2,922.60             |                           |
| 23-41   | Providing and fixing brass bib cock/ stop cock of approved make.   |               |                |                      | 23.2.5.10                 |
|         | a) 1/2" (12 mm) dia.   | Each          | 56.40          | 225.55               |                           |
|         | b) 3/4" (20 mm) dia.   | Each          | 56.40          | 250.60               |                           |
|         | c) 1" (25 mm) dia.   | Each          | 56.40          | 432.30               |                           |
| 23-42   | Providing and fixing 'P' trap including concrete chamber and C.I. grating.   |               |                |                      | 23.2.5.4                  |
|         | a) Cast iron 4" (100 mm) size  | Each          | 225.55         | 2,477.00             |                           |
|         | b) Glazed 4" (100 mm) size   | Each          | 225.55         | 550.72               |                           |
| 23-43   | Providing and fixing C.I. gully trap 6"x6"x4" including concrete embedment and cost of G.I. grating 6"x6" and masonry chamber 12"x12"  | Each          | 56.40          | 2,030.35             | 23.2.4.2                  |
| 23-44   | Providing, laying, cutting, jointing, testing and disinfecting cast iron soil pipe with spigot, socket chaulked lead or comet joint or flanged joints/tyton joints including cost of jointing material such as lead, comet and yarn. |               |                |                      | 23.2.3.1<br>23.2.6.4      |
|         | a) 2" (50 mm) dia.   | R.M.<br>R.ft. | 69.15<br>21.10 | 2,053.35<br>625.85   |                           |
|         | b) 3" (75 mm) dia.   | R.M.<br>R.ft. | 69.15<br>21.10 | 3,045.45<br>928.25   |                           |
|         | c) 4" (100 mm) dia.  | R.M.<br>R.ft. | 69.15<br>21.10 | 4,037.55<br>1,230.65 |                           |



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|---------|---|---------------|------------------|--------------------|--------------------|
|         |   |               | Labour           | Composite          |                    |
| 23-45   | Providing and laying Asbestos cement building and sanitary pipe with cement chaulked or comet joint including cost of sockets, bends and specials.  |               |                  |                    | 23.2.3.4           |
| a)      | 2.5" (65 mm) inner dia.   | R.M.<br>R.ft. | 169.15<br>51.55  | 624.80<br>190.45   |                    |
| b)      | 3" (75 mm) inner dia.   | R.M.<br>R.ft. | 169.15<br>51.55  | 906.75<br>276.40   |                    |
| c)      | 4" (100 mm) inner dia.  | R.M.<br>R.ft. | 338.30<br>103.10 | 1,351.00<br>411.80 |                    |
| d)      | 6" (150 mm) inner dia.  | R.M.<br>R.ft. | 338.30<br>103.10 | 1,928.60<br>587.85 |                    |
| 23-46   | Providing and fixing C.I. specials such as bend, tees, collars, cross, reducers, tail pieces, flanged spigots, cap, flanged socket, taper, angle bends and plugs including turning, threading, facing and fitting for C.I. pipe line. |               |                  |                    | 23.2.3.1<br>23.2.6 |
| a)      | Cast iron S.S. specials with spigot and socket joint  |               |                  |                    |                    |
| i)      | 3" to 6" (75 mm to 150 mm) dia.   | Kg.<br>Lb.    | 69.15<br>31.35   | 311.40<br>141.25   |                    |
| ii)     | 8" to 12" (200 mm to 300 mm) inner dia.   | Kg.<br>Lb.    | 51.85<br>23.50   | 307.45<br>139.45   |                    |
| iii)    | 15" to 18" (375 mm to 450 mm) inner dia.  | Kg.<br>Lb.    | 34.60<br>15.70   | 302.05<br>137.00   |                    |
| b)      | Cast iron flanged specials with flanged joints  |               |                  |                    |                    |
| i)      | 3" to 6" (75 mm to 150 mm) dia.   | Kg.<br>Lb.    | 34.60<br>15.70   | 312.50<br>141.75   |                    |
| ii)     | 8" to 12" (200 mm to 300 mm) inner dia.   | Kg.<br>Lb.    | 26.55<br>12.05   | 308.85<br>140.10   |                    |
| iii)    | 15" to 18" (375 mm to 450 mm) inner dia.  | Kg.<br>Lb.    | 17.30<br>7.85    | 302.60<br>137.25   |                    |
| c)      | Cast iron specials with tyton joints  |               |                  |                    |                    |
| i)      | 3" to 6" (75 mm to 150 mm) dia.   | Kg.<br>Lb.    | 17.30<br>7.85    | 310.60<br>140.90   |                    |
| ii)     | 8" to 12" (200 mm to 300 mm) inner dia.   | Kg.<br>Lb.    | 17.30<br>7.85    | 305.05<br>138.35   |                    |
| iii)    | 15" to 18" (375 mm to 450 mm) inner dia.  | Kg.<br>Lb.    | 17.30<br>7.85    | 296.95<br>134.70   |                    |
| 23-47   | Supplying and fitting C.I. manhole cover with frame weighing not less than 10.25 lbs/sq.ft (50 kg per sq.m.).   |               |                  |                    | 23.2.7,<br>25.4.2  |
| a)      | 12" (300 mm.) dia.  | Each          | 618.01           | 1,626.40           |                    |
| b)      | 18" (450 mm.) dia.  | Each          | 618.01           | 1,725.78           |                    |
| c)      | 24" (600 mm.) dia.  | Each          | 617.40           | 2,121.73           |                    |
| d)      | 12" (300 mm.) square  | Each          | 762.96           | 2,249.36           |                    |
| e)      | 18" (450 mm.) square  | Each          | 762.96           | 2,209.00           |                    |
| f)      | 24" (600 mm.) square  | Each          | 762.96           | 2,840.92           |                    |

| Sr. No. | Description   | Unit          | Rate (Rs.)      |                    | Ref. Tech. Specs.  |
|---------|---|---------------|-----------------|--------------------|--------------------|
|         |   |               | Labour          | Composite          |                    |
| 23-48   | Providing and fitting C.P. or oxidised gas cock 1/4" (6 mm) dia.  |               |                 |                    |                    |
| a)      | Single way  | Each          | 281.92          | 319.90             | 23.3.5.1           |
| b)      | Double way  | Each          | 281.92          | 481.76             |                    |
| c)      | Three way   | Each          | 281.92          | 824.14             |                    |
| 23-49   | Providing and fitting nipple or bush 1/4" x 3/8" (6mm - 10mm) inner dia.  | Each          | 45.10           | 88.35              | 23.3.5.1           |
| 23-50   | Providing and fitting union/socket  |               |                 |                    |                    |
| i)      | 1/2" (15 mm) inner dia.   | Each          | 45.10           | 857.80             | 23.3.5.1           |
| ii)     | 3/4" (20 mm) inner dia.   | Each          | 45.10           | 1,048.00           |                    |
| iii)    | 1" (25 mm) inner dia.   | Each          | 45.10           | 1,290.10           |                    |
| 23-51   | Providing and fixing brass gas cock.  |               |                 |                    |                    |
| a)      | 1/2" (15 mm) inner dia.   | Each          | 45.10           | 527.88             | 23.3.5.1           |
| b)      | 3/4" (20 mm) inner dia.   | Each          | 45.10           | 551.58             |                    |
| 23-52   | Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe with approved make/brand gas line including the cost of jointing material. |               |                 |                    | 23.3.3             |
| a)      | Light duty  |               |                 |                    |                    |
| i)      | 1/2" (15 mm) inner dia.   | R.M.<br>R.ft. | 93.20<br>28.40  | 576.80<br>175.80   |                    |
| ii)     | 3/4" (20 mm) inner dia.   | R.M.<br>R.ft. | 93.20<br>28.40  | 747.68<br>227.90   |                    |
| iii)    | 1" (25 mm) inner dia.   | R.M.<br>R.ft. | 106.90<br>32.60 | 1,012.03<br>308.45 |                    |
| iv)     | 1.25" (30 mm) inner dia.  | R.M.<br>R.ft. | 106.90<br>32.60 | 1,256.73<br>383.05 |                    |
| v)      | 1.5" (40 mm) inner dia.   | R.M.<br>R.ft. | 126.70<br>38.60 | 1,577.92<br>480.95 |                    |
| vi)     | 2" (50 mm) inner dia.   | R.M.<br>R.ft. | 126.70<br>38.60 | 1,921.71<br>585.75 |                    |
| 23-53   | Providing and fixing superior quality C.P. check valve of approved make for water supply or gas lines.  |               |                 |                    | 23.2.6.4<br>23.2.3 |
| a)      | 1/2" (12 mm) dia.   | Each          | 56.40           | 2,361.90           |                    |
| b)      | 3/4" (20 mm) dia.   | Each          | 56.40           | 3,082.40           |                    |
| c)      | 1" (25 mm) dia.   | Each          | 77.76           | 3,536.05           |                    |
| d)      | 1.25" (30 mm) dia.  | Each          | 169.15          | 5,212.50           |                    |
| e)      | 1.5" (40 mm) dia.   | Each          | 225.55          | 6,853.90           |                    |
| f)      | 2" (50 mm) dia.   | Each          | 338.30          | 10,424.95          |                    |



| Sr. No.  | Description   | Unit | Rate (Rs.) |           | Ref. Tech. Specs.                     |
|----------|---|------|------------|-----------|---------------------------------------|
|          |   |      | Labour     | Composite |                                       |
| 23-54    | Providing and fixing C.P. waste coupling.   |      |            |           |                                       |
| a)       | 1.25" (30 mm) dia.  | Each | 45.10      | 166.77    | 23.2.5.3(e)                           |
| b)       | 1.5" (40 mm) dia.   | Each | 45.10      | 233.58    |                                       |
| 23-55    | Providing and fixing C.P chain with rubber plug.  |      |            |           |                                       |
| a)       | 1.25" (30 mm) dia.  | Each | 45.10      | 291.97    | 23.2.5.3(d)                           |
| b)       | 1.5" (40 mm) dia.   | Each | 45.10      | 403.31    |                                       |
| 23-56    | Providing and fixing P.V.C. waste pipe  |      |            |           |                                       |
| a)       | 1.25" (30 mm) dia.  | Each | 45.10      | 254.08    | 23.2.5.3(f)                           |
| b)       | 1.5" (40 mm) dia.   | Each | 45.10      | 387.32    |                                       |
| 23-57    | Providing and fixing P.V.C. waste flushing bend   |      |            |           |                                       |
| a)       | 1.25" (30 mm) dia.  | Each | 45.10      | 86.41     | 23.3.6.3                              |
| b)       | 1.5" (40 mm) dia.   | Each | 45.10      | 120.83    |                                       |
| 23-58    | Providing and fixing angle iron brackets for wash hand basin, cistern and sinks.  | Each | 56.40      | 263.15    | 23.2.5.7<br>23.5.3                    |
| 23-59    | Providing and fixing 1/2" (12 mm) dia. connection pipe including check nuts.  |      |            |           | 23.2.6                                |
| a)       | Plastic rubber connection pipe  | Each | 45.10      | 150.60    |                                       |
| b)       | Copper connection pipe  | Each | 45.10      | 438.55    |                                       |
| 23-60    | Providing and fixing brass ball valve with unsoldered copper ball.  |      |            |           | 23.3.4.2                              |
| a)       | 1/2" (12 mm) dia.   | Each | 56.40      | 165.70    |                                       |
| b)       | 3/4" (20 mm) dia.   | Each | 56.40      | 230.55    |                                       |
| c)       | 1" (25 mm) dia.   | Each | 77.76      | 281.00    |                                       |
| d)       | 1.25" (30 mm) dia.  | Each | 169.15     | 468.30    |                                       |
| e)       | 1.5" (40 mm) dia.   | Each | 225.55     | 612.40    |                                       |
| f)       | 2" (50 mm) dia.   | Each | 338.30     | 1,080.70  |                                       |
| 23-61    | Providing chambers 9" x 6" x 24" for stop cocks and valves etc. with 4-1/2" (115mm) thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:4:8 in foundation, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, 1" thick concrete 1:2:4 flooring complete with C.I. hinged cover and frame 9" x 6" weighing 6.35 kg fixed in 1:2:4 concrete including curing, excavation, back filling and disposal of earth. | Each | 408.05     | 3,061.60  | 23.3.14.2                             |
| 23-62    | Providing chambers 15" x 9" x 24" for house meters with 4-1/2" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:4:8 in foundation, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, 1" thick concrete 1:2:4 flooring complete with cast iron hinged cover and frame 15" x 9" weighing 12.7 kg fixed in 1:2:4 concrete including curing, excavation, back filling and disposal of earth.                | Each | 559.40     | 4,955.45  | 5.3<br>11.4.1<br>11.7.2(ii)<br>11.7.4 |
| 23-63 a) | Providing chambers 30" x 18" x 56" as per approved design for sluice valve 3" to 12" dia. with 18" dia. C.I. cover and frame  | Each | 2,933.75   | 37,960.80 | 5.3                                   |

| Sr. No. | Description   | Unit | Rate (Rs.) |            | Ref. Tech. Specs.                     |
|---------|---|------|------------|------------|---------------------------------------|
|         |   |      | Labour     | Composite  |                                       |
|         | weighing 88.9 Kg. fixed in 4" thick R.C.C. 1:2:4 slab with re-steel 5 lbs./cu.ft and 9" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:3:6 in foundation, 1" thick concrete 1:2:4 flooring, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, including providing and fixing C.I. foot rest at every 12" beyond 30" depth including curing, excavation, back filling and disposal of surplus earth.   |      |            |            | 11.4.1<br>11.7.2(ii)<br>11.7.4        |
|         | b) Extra for depth beyond 54" (1.37m) including cost of C.I. foot rest for every 12"(300mm) depth (for depth less than 54" (1.37m) deduct at the same rate).  | Each | 16.10      | 197.25     |                                       |
| 23-64   | a) Providing chambers 42" x 42" x 7'-0" as per approved design for sluice valve 15" to 24" dia. with 24" dia. C.I. cover and frame weighing 127 Kg. fixed in 6" thick R.C.C. 1:2:4 slab with re-steel 5 lbs./cu.ft and 9" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:3:6 in foundation, 1" thick concrete 1:2:4 flooring, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, including providing & fixing C.I foot rest at every 12" beyond 30" depth including curing, excavation, back filling and disposal of surplus earth.      | Each | 6,633.35   | 79,269.65  | 5.3<br>11.4.1<br>11.7.2(ii)<br>11.7.4 |
|         | b) Extra for depth beyond 7 ft.(2.14 m) including cost of C.I. foot rest for every 12" (300mm) depth (for depth less than 7 ft (2.14 m) deduct at the same rate).   | Each | 24.55      | 237.40     |                                       |
| 23-65   | a) Providing chambers 45" x 42" x 8'-0" as per approved design for sluice valve 27" to 30" dia. with 30" dia. C.I. cover and frame weighing 190.5 Kg. fixed in 6" thick R.C.C. 1:2:4 slab with re-steel 5 lbs./cu.ft and 9" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:3:6 in foundation, 1" thick concrete 1:2:4 flooring, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, including providing and fixing C.I. foot rest at every 12" beyond 30" depth including curing, excavation, back filling and disposal of surplus earth. | Each | 9,313.00   | 102,146.65 | 5.3<br>11.4.1<br>11.7.2(ii)<br>11.7.4 |
|         | b) Extra for depth beyond 8 ft (2.44 m) including cost of C.I. foot rest for every 12" (300mm) depth (for depth less than 8 ft (2.44 m) deduct at the same rate).   | Each | 25.25      | 244.20     |                                       |
| 23-66   | Supply and fix gas items including all accessories and fittings such as G.I pipe, rubber pipe, specials, gas stop cocks etc.  |      |            |            | 23.3                                  |
|         | a) Gysler 35 gallons capacity   | Each | 1,353.25   | 15,499.75  |                                       |
|         | b) Gysler 50 gallons capacity   | Each | 1,353.25   | 17,239.70  |                                       |
|         | c) Gas room heater (ordinary, single burner)  | Each | 902.15     | 1,734.30   |                                       |
|         | d) Gas room heater (ordinary, double burner)  | Each | 902.15     | 2,263.85   |                                       |
|         | e) Gas room heater (fancy, single burner)   | Each | 902.15     | 6,197.65   |                                       |
|         | f) Gas room heater (fancy, Double burner)   | Each | 902.15     | 9,223.65   |                                       |
|         | g) Gas room heater (fire place design with artificial log or coal, double burner)   | Each | 1,353.25   | 9,674.75   |                                       |
|         | h) Gas lamp (single)  | Each | 676.60     | 1,433.10   |                                       |

| Sr. No. | Description  | Unit       | Rate (Rs.) |           | Ref. Tech. Specs. |
|---------|--|------------|------------|-----------|-------------------|
|         |  |            | Labour     | Composite |                   |
|         | i) Gas lamp (double)   | Each       | 676.60     | 2,189.60  |                   |
| 23-67   | Providing and connecting PVC/ Rubber pipe for gas connection | Per Point  | 60.15      | 245.30    | 23.3              |
| 23-68   | Add extra for respective payable item of ground floor        |            |            |           | 23.3              |
|         | a) For first floor   | % Increase | 0.10       | 0.10      |                   |
|         | b) For every additional floor above first floor              | % Increase | 0.08       | 0.08      |                   |

