

## 18 WATER SUPPLY

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
18.01	Providing and fixing storage tank riveted to angle iron frame complete with 40 mm nominal bore G.I. scour pipe with fittings 23 mm nominal bore G.I. overflow pipe with fittings and mosquito proof coupling of approved municipal design 15 mm nominal bore ball valve and mosquito proof C.I. cover with locking arrangement including providing pads of sizes as required for inlet and outlet pipes and inside painting with a priming coat red two coats or bitumen paint.	each	33349.20
18.02	Providing and fixing on terrace ( <i>at all floor levels</i> ) Polyethylene storage tank of approved brand and manufacture with cover and mosquito proof coupling and suitable locking arrangement and making necessary connections for inlet, outlet and overflow pipes but without the cost for base support.	litre	12.04
18.03	Providing and fixing G.I. pipes complete with G.I. fitting and clamps, including cutting and making good the walls etc. ( <i>internal works</i> ).		
	(b) 20mm dia nominal bore	m	260.10
	(c) 25mm dia nominal bore	m	299.70
	(d) 32mm dia nominal bore	m	392.20
18.04	Extra for concealed in brick and RCC works by making chases upto 7.5x7.5cm in walls and making good the same after housing pipes, etc.	m	78.30
18.05	Providing and fixing G.I. pipe complete with G.I. fitting including trenching and refilling etc. ( <i>external work</i> ).		
	(a) 15mm dia nominal bore.	m	129.60
	(b) 20mm dia nominal bore.	m	194.50
	(c) 25mm dia nominal bore.	m	227.50
	(d) 32mm dia nominal bore.	m	304.70
	(e) 40mm dia nominal bore.	m	358.20

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
18.06	Fixing water meter and stop cock in G.I. pipe line including cutting and threading the pipe and making long screws etc. complete ( <i>cost of water meter and stop cock to be paid seperately</i> ).	m	337.90
18.07	Making connection of G.I. distribution branch with G.I. main 25mm to 40mm nominal bore by providing and fixing Tee including cutting and threading the pipe etc. complete.	each	395.30
18.08	Providing and fixing brass bib cock of approved quality.		
	(a) 15mm nominal bore	each	560.30
	(b) 20mm nominal bore	each	<b>633.30</b>
	(c) 25mm nominal bore	each	<b>676.50</b>
18.09	Providing and fixing brass stop cock of approved quality.		
	(a) 15mm nominal bore	no	493.00
	(b) 20mm nominal bore	no	<b>528.80</b>
	(c) 25mm nominal bore	no	<b>691.40</b>
18.10	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931 .		
	(a) 15 mm nominal bore	no	856.40
18.11	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 .		
	(a) 15 mm nominal bore	no	560.50
18.12	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) .		
	(a) 15 mm nominal bore	no	174.80

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
	(b) [] - 20 mm nominal bore	no	186.40
	(c) 25 mm nominal bore	no	209.60
	(d) 32 mm nominal bore	no	221.20
	(e) - 40 mm nominal bore	no	256.10
	(f) 50mm nominal bore	no	369.40
<b>18.13</b>	<i>Providing and fixing G.I. Union in existing G.I pipeline, cutting and threading the pipe and making long screws including excavation refilling the earth or cutting of wall and making good the same complete wherever required..</i>		
	(a) 15 mm nominal bore.	no	351.10
	(b) 20 mm nominal bore.	no	362.70
	(c) 25 mm nominal bore.	no	385.90
	(d) 32 mm nominal bore.	no	397.50
	(e) 40 mm nominal bore.	no	432.40
	(f) 50mm nominal bore	no	609.90
<b>18.14</b>	Providing and fixing brass full way valve with wheel of approved quality complete with plastic floats complete.		
	(a) <b>15mm nominal bore</b>	no	344.80
	(b) <b>20mm nominal bore</b>	<b>no</b>	<b>523.60</b>
	(c) <b>25mm nominal bore</b>	<b>no</b>	<b>574.70</b>
<b>18.15</b>	Providing and fixing brass ball valve of approved quality complete with plastic floats complete.		
	(a) <b>15mm nominal bore</b>	no	313.60
	(b) <b>20mm nominal bore</b>	<b>no</b>	<b>423.40</b>
	(c) <b>25mm nominal bore</b>	<b>no</b>	<b>548.90</b>

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.16</b>	Providing and fixing chromium plated brass bib cock of approved quality.		
	(a) 15mm nominal bore	no	762.20
	(b) 20mm nominal bore	<b>no</b>	<b>666.50</b>
<b>18.17</b>	Providing and fixing chromium plated brass long nose bib cock of approved quality.		
	(a) 15mm nominal bore	no	914.70
<b>18.18</b>	Providing and fixing chromium plated brass long body bib cock of approved quality.		
	(a) 15mm nominal bore	no	1036.60
<b>18.19</b>	Providing and fixing chromium plated brass stop cock of approved quality.		
	(a) 15mm nominal bore	no	643.00
	(b) 20mm nominal bore	<b>no</b>	<b>713.50</b>
<b>18.20</b>	Providing and fixing chromium plated brass shower rose with 15 or 20mm inlet.		
	(a) 100mm dia CP brass shower rose.	no	335.40
	(b) 150mm dia CP brass shower rose.	no	359.80
<b>18.21</b>	Providing and fixing chromium plated brass angle valve 15mm nominal bore for basin and geyser points of approved quality.	no	475.60
<b>18.22</b>	Providing and fixing chromium plated brass close hole basin mixer pillar tap 15mm nominal bore of standard back type of approved quality.	no	3597.80
<b>18.23</b>	Providing and fixing chromium plated brass wall mixer 15mm nominal bore of approved make with necessary fittings including cutting and making good the wall.	no	3676.90
<b>18.24</b>	Providing and fixing PVC pipes complete with fittings and clamps, including cutting and making good the walls etc. ( <i>internal work</i> ).		
	(a) 15mm dia nominal bore	m	109.00
	(b) 20mm dia nominal bore	<b>m</b>	<b>138.50</b>

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.25</b>	Providing and fixing PVC pipes complete with fittings including trenching and refilling etc. ( <i>external work</i> ).		
	(a) 15mm dia nominal bore	m	91.70
	(b) 20mm dia nominal bore	<b>m</b>	<b>115.10</b>
<b>18.26</b>	Providing and fixing PVC bib cock of approved quality, colour and make.		
	(a) 15mm nominal bore	no	146.40
	(b) 20mm nominal bore	<b>no</b>	<b>195.10</b>
<b>18.27</b>	Providing and fixing PVC stop cock of approved quality, colour and make.		
	(a) 15mm nominal bore	no	125.50
	(b) 20mm nominal bore	<b>no</b>	<b>188.20</b>
<b>18.28</b>	Providing and placing in position hand pump of approved quality for 40mm dia G.I pipe complete with accessories.	each	1511.20
<b>18.29</b>	Providing and placing in position electric water pump of approved manufacture including connections to G.I pipes etc. complete with accessories.		
	(a) 500 watts	each	7371.90
	(b) 750 watts	each	10280.40
<b>18.30</b>	Painting G.I pipes and fittings with white paint over ready mixed priming coat, both of approved quality.		
	(a) 15mm dia pipe	m	12.10
	(b) 20mm dia pipe	<b>m</b>	<b>15.20</b>
	(c) 25mm dia pipe	m	19.10
	(d) 32mm dia pipe	m	24.00
	(e) 40mm dia pipe	m	27.30

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.31</b>	Painting G.I pipes and fittings with two coats of anti corrosive bitumastic paint of approved quality.		
	(a) 15mm dia pipe	m	5.30
	(b) 20mm dia pipe	<b>m</b>	<b>6.60</b>
	(c) 25mm dia pipe	m	8.30
	(d) 32mm dia pipe	m	10.40
	(e) 40mm dia pipe	m	11.90
	<b><u>CPVC PIPES -</u></b>		
<b>18.32</b>	Providing and fixing CPVC pipes complete with CPVC fitting for water supply including clamps at one metre spacing, cutting and making good the walls etc. (internal works). Exposed on walls.		
	(a) 15mm dia nominal bore	m	138.30
	(b) 20mm dia nominal bore	<b>m</b>	<b>166.60</b>
	(c) 25mm dia nominal bore	m	205.20
	(d) 32mm dia nominal bore	m	274.40
	(e) 40mm dia nominal bore	m	341.60
	(f) 50mm dia nominal bore	m	506.10
<b>18.33</b>	Extra for concealed in brick and RCC works by making chases upto 7.5x7.5cm in walls and making good the same after housing pipes, etc.	m	79.10
<b>18.34</b>	Providing and fixing CPVC pipes complete with CPVC fitting for water supply, including trenching and refilling etc. ( <i>external work</i> ).		
	(a) 15mm dia nominal bore.	m	130.00
	(b) 20mm dia nominal bore.	m	155.70
	(c) 25mm dia nominal bore.	m	186.30
	(d) 32mm dia nominal bore.	m	240.20
	(e) 40mm dia nominal bore.	<b>m</b>	<b>295.30</b>
	(f) 50mm dia nominal bore.	<b>m</b>	<b>457.40</b>

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.35</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing equal Tee with jointing, testing complete including cutting and making good etc.		
(a)	15mm dia nominal bore.	no	56.40
(b)	20mm dia nominal bore.	no	82.90
(c)	25mm dia nominal bore.	no	111.30
(d)	32mm dia nominal bore.	no	199.70
(e)	40mm dia nominal bore.	no	280.30
(f)	50mm dia nominal bore.	no	570.00
<b>18.36</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Cross Tee with jointing, testing complete including cutting and making good etc.		
(a)	15x15x20mm	no	80.40
(b)	20x20x15mm	no	133.30
(c)	20x15x15mm	no	80.40
(d)	20x15x20mm	no	122.70
<b>18.37</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing reducing Tee with jointing, testing complete including cutting and making good etc.		
(a)	25x25x20mm	no	127.50
(b)	40x40x25mm	no	289.60
(c)	50x50x25mm	no	472.70
<b>18.38</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Brass FPT Tee with jointing, testing complete including cutting and making good etc.		
(a)	15x15x15mm	no	117.80
(b)	20x20x15mm	no	155.00
(c)	25x25x15mm	no	183.00

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.39</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Elbow 90° with jointing, testing complete including cutting and making good etc.		
(a)	15mm dia.	no	47.60
(b)	20mm dia.	no	72.80
(c)	25mm dia.	no	92.90
(d)	32mm dia.	no	154.00
(e)	40mm dia.	no	227.10
(f)	50mm dia.	no	451.80
<b>18.40</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Elbow 45° with jointing, testing complete including cutting and making good etc.		
(a)	15mm dia.	no	47.60
(b)	20mm dia.	no	72.80
(c)	25mm dia.	no	119.10
(d)	32mm dia.	no	153.90
(e)	40mm dia.	no	274.50
(f)	50mm dia.	no	428.10
<b>18.41</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Reducing 'L' Elbow 90° with jointing, testing complete including cutting and making good etc.		
(a)	20x15mm	no	71.60
<b>18.42</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Brass Elbow 90° with jointing, testing complete including cutting and making good etc.		
(a)	15x15mm dia.	no	94.10
(b)	20x15mm dia.	no	116.10



SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.43</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Male Adaptor (P) with jointing, testing complete including cutting and making good etc.		
	(a) 15mm dia.	no	46.40
	(b) 20mm dia.	no	62.80
	(c) 25mm dia.	no	82.10
	(d) 32mm dia.	no	116.50
	(e) 40mm dia.	no	146.00
	(f) 50mm dia.	no	221.10
	(g) 20mm Soc x 15mm MIP	no	61.60
<b>18.44</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Male Adaptor (Brass) with jointing, testing complete including cutting and making good etc.		
	(a) 15mm dia.	no	187.70
	(b) 20mm dia.	no	242.20
	(c) 25mm dia.	no	382.50
<b>18.45</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Female Adaptor (P) with jointing, testing complete including cutting and making good etc.		
	(a) 15mm dia.	no	51.40
	(b) 20mm dia.	no	135.60
	(c) 25mm dia.	no	281.80
	(d) 32mm dia.	no	149.50
	(e) 40mm dia.	no	197.60
	(f) 50mm dia.	no	298.10

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.46</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Female Adaptor (Brass) with jointing, testing complete including cutting and making good etc.		
	(a) 15mm dia.	no	187.70
	(b) 20mm dia.	no	248.10
	(c) 25mm dia.	no	388.40
<b>18.47</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Socket/Coupling with jointing, testing complete including cutting and making good etc.		
	(a) 15mm dia.	no	40.00
	(b) 20mm dia.		
	(c) 25mm dia.	no	70.00
	(d) 32mm dia.	no	106.50
	(e) 40mm dia.	no	162.00
	(f) 50mm dia.	no	277.50
<b>18.48</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Reducer Coupling with jointing, testing complete including cutting and making good etc.		
	(a) 15 x 15mm	no	47.60
	(b) 20 x 15mm	no	48.80
	(c) 25 x 15mm	no	57.90
	(d) 25 x 20mm	no	73.60
	(e) 32 x 20mm	no	109.80
	(f) 32 x 25mm	no	122.40
	(g) 50 x 32mm	no	320.30

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.49</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Union Socket with jointing, testing complete including cutting and making good etc.		
	(a) 15mm dia.	no	215.10
	(b) 20mm dia.	no	263.30
	(c) 25mm dia.	no	379.70
<b>18.50</b>	Making connection of Astral CPVC pipes distribution branch by providing and fixing Reducer/Transition Bushing with jointing, testing complete including cutting and making good etc.		
	(a) 20 x 15mm	no	102.10
	(b) 25 x 15mm	no	121.40
	(c) 50 x 40mm	no	165.20
<b>18.51</b>	Providing & Fitting Powder coated metal Strap/ holding clamps/ Clips with necessary metal fasteners and screws etc. complete		
	(a) 15mm dia.	no	22.30
	(b) 20mm dia.	no	26.90
	(c) 25mm dia.	no	29.90
	(d) 32/ 40/ 50mm dia.	no	37.50
<b>18.52</b>	Providing & Fitting Cap for end pipe etc. complete .		
	(a) 15mm dia.	no	15.20
	(b) 20mm dia.	no	22.90
	(c) 25mm dia.	no	30.50
	(d) 32mm dia.	no	53.30
	(e) 40mm dia.	no	77.00
	(f) 50mm dia.	no	154.00

SL NO	DESCRIPTION	UNIT	RATE (Rs p)
<b>18.53</b>	Providing and fixing CPVC Ball valve/ Globe/Stop & Waste valve/ Boiler drain etc. Complete.		
	(a) 15mm nominal bore	no	732.30
	(b) 20mm nominal bore	no	832.70
	(c) 25mm nominal bore	no	887.60
	(d) 32mm nominal bore	no	2082.50
	(e) 40mm nominal bore	no	2650.20
	(f) 50mm nominal bore	no	3409.10
<b>18.54</b>	Extra for providing and fixing insulation pipe for Hot Water Supply line including necessary fittings etc. complete.	m	541.40