

## LAYING RATE OF DIFFERENT SIZES OF G.I.PIPES

Sl. No	Sizes	Present	Over Ground	50cm depth	100cm depth
1	20mm	<b>136.00</b>	51.00	105.00	142.00
2	25mm	<b>158.00</b>	89.00	127.00	166.00
3	32mm	<b>173.00</b>	102.00	142.00	183.00
4	40mm	<b>189.00</b>	115.00	158.00	201.00
5	50mm	<b>218.00</b>	148.00	192.00	235.00
6	65mm	<b>242.00</b>	174.00	220.00	264.00
7	80mm	<b>282.00</b>	222.00	266.00	315.00
8	100mm	<b>379.00</b>	324.00	381.00	420.00
9	125mm	<b>456.00</b>	409.00	469.00	510.00
10	150mm	<b>532.00</b>	497.00	556.00	597.00

**Note : 20% of the pipe cost is included for GI Specials.**

## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
1	<p><b><u>G.I Pipes and fitting for 20mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>20mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 20mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 1.57x10=15.7 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="margin-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p style="margin-left: 20px;">c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>viii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; viii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (Seventy) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p> <p><b>Sub-Total:</b></p>	<p>2</p> <p>15.70</p> <p>0.10</p> <p>0.20</p> <p>0.75</p> <p><b>Sub-Total:</b></p>	<p>105.08</p> <p>2.30</p> <p>300</p> <p>240</p> <p>170</p> <p><b>Sub-Total:</b></p>	<p>210.16</p> <p>36.11</p> <p>30.00</p> <p>48.00</p> <p>127.50</p> <p><b>451.77</b></p> <p>56.47</p> <p>508.24</p> <p>50.82</p> <p><b>Say: 51.00</b></p>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
2	<p><b><u>G.I Pipes and fitting for 25mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>25mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 25mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 2.43x10=24.3 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="margin-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p style="margin-left: 20px;">c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>viii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; viii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (Eighty nine) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>24.3</p> <p>0.15</p> <p>0.25</p> <p>1.85</p> <p><b>Sub-Total:</b></p>	<p>158.75</p> <p>2.30</p> <p>300</p> <p>240</p> <p>170</p> <p><b>99.11</b></p>	<p>317.50</p> <p>55.89</p> <p>45.00</p> <p>60.00</p> <p>314.50</p> <p><b>792.89</b></p> <p>99.11</p> <p>892.00</p> <p>89.20</p> <p><b>Say: 89.00</b></p>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
3	<p><b><u>G.I Pipes and fitting for 32mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>32mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 32mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 3.13x10=31.3 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="margin-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p style="margin-left: 20px;">c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>viii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; viii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (One hundred and two) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>31.3</p> <p>0.15</p> <p>0.25</p> <p>1.90</p> <p><b>Sub-Total:</b></p>	<p>201.85</p> <p>2.30</p> <p>300</p> <p>240</p> <p>170</p> <p><b>1016.55</b></p>	<p>403.70</p> <p>71.99</p> <p>45.00</p> <p>60.00</p> <p>323.00</p> <p><b>903.60</b></p> <p>112.95</p> <p>1016.55</p> <p>101.59</p> <p><b>Say: 102.00</b></p>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
4	<p><b><u>G.I Pipes and fitting for 40mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>40mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 40mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 3.60x10=36 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="margin-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p style="margin-left: 20px;">c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>viii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; viii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (One hundred and fifteen) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>36</p> <p>0.20</p> <p>0.30</p> <p>2.00</p>	<p>232.22</p> <p>2.3</p> <p>300</p> <p>240</p> <p>170</p> <p><b>Sub-Total:</b></p>	<p>464.44</p> <p>82.80</p> <p>60.00</p> <p>72.00</p> <p>340.00</p> <p><b>1019.24</b></p> <p>127.40</p> <p>1146.64</p> <p>114.66</p> <p><b>Say: 115.00</b></p>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
5	<p><b><u>G.I Pipes and fitting for 50mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>50mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 50mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 5.10x10=51 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II) c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% viii) Add for overhead @6% Total of v, vi, vii &amp; viii = 12.50% Total cost of 10m Cost per meter</p> <p>Rupees (One hundred and forty eight) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>51</p> <p>0.30</p> <p>0.40</p> <p>2.10</p> <p><b>Sub-Total:</b></p>	<p>326.95</p> <p>2.3</p> <p>300</p> <p>240</p> <p>170</p> <p><b>1314.20</b></p>	<p>653.90</p> <p>117.30</p> <p>90.00</p> <p>96.00</p> <p>357.00</p> <p><b>164.27</b></p> <p><b>1478.47</b></p> <p><b>147.84</b></p> <p><b>Say: 148.00</b></p>

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Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
6	<p><b><u>G.I Pipes and fitting for 65mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>65mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 65mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 6.54x10=65.4 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II) c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% viii) Add for overhead @6% Total of v, vi, vii &amp; viii = 12.50%</p> <p>Total cost of 10m Cost per meter</p> <p>Rupees (One hundred and seventy seven ) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>65.4</p> <p>0.35</p> <p>0.40</p> <p>2.10</p> <p><b>Sub-Total:</b></p>	<p>419.53</p> <p>2.30</p> <p>300</p> <p>240</p> <p>170</p> <p><b>1547.48</b></p>	<p>839.06</p> <p>150.42</p> <p>105.00</p> <p>96.00</p> <p>357.00</p> <p><b>193.43</b></p> <p>1740.91</p> <p>174.09</p> <p><b>174.00</b></p>
			<b>Say:</b>		

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
7	<p><b><u>G.I Pipes and fitting for 80mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>80mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 80mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 8.53x10=85.3 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II) c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% viii) Add for overhead @6% Total of v, vi, vii &amp; viii = 12.50% Total cost of 10m Cost per meter</p> <p>Rupees (Two hundred and twenty two) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>85.3</p> <p>0.50</p> <p>0.70</p> <p>2.20</p> <p><b>Sub-Total:</b></p>	<p>543.97</p> <p>2.3</p> <p>300</p> <p>240</p> <p>170</p> <p><b>222.00</b></p>	<p>1087.94</p> <p>196.19</p> <p>150.00</p> <p>168.00</p> <p>374.00</p> <p><b>1976.13</b></p> <p>247.01</p> <p>2223.14</p> <p>222.31</p> <p><b>222.00</b></p>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
8	<p><b><u>G.I Pipes and fitting for 100mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>100mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 100mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 12.50x10=125 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="margin-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p style="margin-left: 20px;">c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>viii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; viii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (Three hundred and twenty four) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>125</p> <p>1.00</p> <p>1.20</p> <p>2.30</p>	<p>806.11</p> <p>2.30</p> <p>300</p> <p>240</p> <p>170</p> <p><b>Sub-Total:</b></p>	<p>1612.22</p> <p>287.50</p> <p>300.00</p> <p>288.00</p> <p>391.00</p> <p><b>2878.72</b></p> <p>359.84</p> <p>3238.56</p> <p>323.85</p> <p><b>Say: 324.00</b></p>

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Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
9	<p><b><u>G.I Pipes and fitting for 125mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>125mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 125mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 16.40x10=164 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="margin-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p style="margin-left: 20px;">c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>vii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; vii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (Four hundred and nine) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p> <p><b>Sub-Total:</b></p>	<p>2</p> <p>164</p> <p>1.40</p> <p>1.50</p> <p>2.30</p> <p><b>Sub-Total:</b></p>	<p>1045.46</p> <p>2.30</p> <p>300</p> <p>240</p> <p>170</p> <p><b>Sub-Total:</b></p>	<p>2090.92</p> <p>377.20</p> <p>420.00</p> <p>360.00</p> <p>391.00</p> <p><b>3639.12</b></p> <p>454.89</p> <p>4094.01</p> <p>409.40</p> <p><b>Say: 409.00</b></p>

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Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
10	<p><b><u>G.I Pipes and fitting for 150mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings to over ground in all types of soil.</p> <p><b><u>150mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 150mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 19.50x10=195 Kg</p> <p>iii) Laying and fitting</p> <p style="padding-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="padding-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p style="padding-left: 20px;">c) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>vii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; vii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (Four hundred and ninety seven) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>195</p> <p>1.85</p> <p>2.00</p> <p>2.30</p> <p><b>Sub-Total:</b></p>	<p>1270.41</p> <p>2.30</p> <p>300</p> <p>240</p> <p>170</p> <p><b>4415.32</b></p>	<p>2540.82</p> <p>448.50</p> <p>555.00</p> <p>480.00</p> <p>391.00</p> <p><b>4415.32</b></p> <p>551.91</p> <p>4967.23</p> <p>496.72</p> <p><b>497.00</b></p>
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Engineer-in-Chief, PHED



## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
1	<p><b><u>G.I Pipes and fitting for 20mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>20mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 20mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 1.57x10=15.7 Kg</p> <p>iii) Laying and fitting a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling a) Excavator- (S/Sk) b) Breaking- (U/Sk) c) Bellidar-(U/Sk) d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% vii) Add for overhead @6% Total of v, vi, vii &amp; vii = 12.50% Total cost of 10m Cost per meter</p> <p>Rupees (Ninety six) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>15.70</p> <p>0.10</p> <p>0.20</p> <p>0.40</p> <p>0.80</p> <p>0.60</p> <p>1.75</p> <p><b>Sub-Total:</b></p>	<p>105.08</p> <p>2.30</p> <p>300</p> <p>240</p> <p>190</p> <p>170</p> <p>170</p> <p>170</p> <p>116.97</p> <p>1052.74</p> <p>105.27</p> <p><b>Say:</b></p>	<p>210.16</p> <p>36.11</p> <p>30.00</p> <p>48.00</p> <p>76.00</p> <p>136.00</p> <p>102.00</p> <p>297.5</p> <p><b>935.77</b></p> <p>116.97</p> <p>1052.74</p> <p>105.27</p> <p><b>105.00</b></p>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
2	<p><b><u>G.I Pipes and fitting for 25mm dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>25mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 25mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage                      Local handling of pipe  <math>2.43 \times 10 = 24.3 \text{ Kg}</math></p> <p>iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Bellidar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%</p> <p>Total cost of 10m                      Cost per meter</p> <p>Rupees (One hundred and twenty seven) only</p>	M	2	158.75	317.50
		Kg	24.3	2.30	55.89
		Each	0.15	300	45.00
		Each	0.25	240	60.00
		Each	0.45	190	85.5
		Each	0.82	170	139.4
		Each	0.66	170	112.2
		Each	1.85	170	314.50
			<b>Sub-Total:</b>		<b>1129.99</b>
					141.24
					1271.23
					127.12
			<b>Say:</b>		<b>127.00</b>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
3	<p><b>G.I Pipes and fitting for 32mm dia</b> Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b>32mm dia G.I pipe</b> Details of cost for 10m length.</p> <p><b>Material</b></p> <p>i) 32mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 3.13x10=31.3 Kg</p> <p>iii) Laying and fitting a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling a) Excavator- (S/Sk) b) Breaking- (U/Sk) c) Bellidar-(U/Sk) d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>vii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; vii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (One hundred and forty two) only</p>	M	2	201.85	403.70
		Kg	31.3	2.30	71.99
		Each	0.15	300	45.00
		Each	0.25	240	60.00
		Each	0.45	190	85.50
		Each	0.9	170	153.00
		Each	0.73	170	124.10
		Each	1.90	170	323.00
			<b>Sub-Total:</b>		<b>1266.29</b>
					158.28
					1424.57
					142.45
			<b>Say:</b>		<b>142.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
4	<p><b><u>G.I Pipes and fitting for 40mm dia</u></b>  Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>40mm dia G.I pipe</u></b>  Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 40mm dia G.I pipe 10m.  Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage  Local handling of pipe  3.60x10=36 Kg</p> <p>iii) Laying and fitting  a) Plumber/fitter- (Sk-I)  b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling  a) Excavator- (S/Sk)  b) Breaking- (U/Sk)  c) Bellidar-(U/Sk)  d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%  vi) Add for sundries including contingencies @ 3%  vii) Add for water charges and electricity @ 1.5%  vii) Add for overhead @6%  Total of v, vi, vii &amp; vii = 12.50%  Total cost of 10m  Cost per meter</p> <p>Rupees (One hundred and fifty eight) only</p>	M	2	232.22	464.44
		Kg	36	2.30	82.80
		Each	0.20	300	60.00
		Each	0.30	240	72.00
		Each	0.45	190	85.50
		Each	0.95	170	161.50
		Each	0.8	170	136.00
		Each	2.00	170	340.00
				<b>Sub-Total:</b>	<b>1402.24</b>
					175.28
					1577.52
					157.75
				<b>Say:</b>	<b>158.00</b>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
5	<p><b><u>G.I Pipes and fitting for 50mm dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>50mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 50mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage                      Local handling of pipe                      5.10x10=51 Kg</p> <p>iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Bellidar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%                      Total cost of 10m                      Cost per meter</p> <p>Rupees (One hundred and ninety two) only</p>	M	2	326.95	653.90
		Kg	51	2.30	117.30
		Each	0.30	300	90.00
		Each	0.40	240	96.00
		Each	0.45	190	85.50
		Each	0.95	170	161.50
		Each	0.83	170	141.10
		Each	2.10	170	357.00
			<b>Sub-Total:</b>		<b>1702.30</b>
					212.78
					1915.08
					191.50
			<b>Say:</b>		<b>192.00</b>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
6	<p><b><u>G.I Pipes and fitting for 65 dia</u></b>  Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>65mm dia G.I pipe</u></b>  Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 65mm dia G.I pipe 10m.  Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage  Local handling of pipe  6.54x10=65.4 Kg</p> <p>iii) Laying and fitting  a) Plumber/fitter- (Sk-I)  b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling  a) Excavator- (S/Sk)  b) Breaking- (U/Sk)  c) Bellidar-(U/Sk)  d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%  vi) Add for sundries including contingencies @ 3%  vii) Add for water charges and electricity @ 1.5%  vii) Add for overhead @6%  Total of v, vi, vii &amp; vii = 12.50%  Total cost of 10m  Cost per meter</p> <p>Rupees (Two hundred and twenty) only</p>	M	2	419.53	839.06
		Kg	65.4	2.30	150.42
		Each	0.35	300	105.00
		Each	0.50	240	120.00
		Each	0.45	190	85.50
		Each	0.93	170	158.10
		Each	0.83	170	141.10
		Each	2.10	170	357.00
			<b>Sub-Total:</b>		<b>1956.18</b>
				<b>Say:</b>	<b>220.07</b>
					244.52
					2200.7
					<b>220.07</b>
					<b>220.00</b>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
7	<p><b>G.I Pipes and fitting for 80 dia</b> Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b>80mm dia G.I pipe</b> Details of cost for 10m length.</p> <p><b>Material</b></p> <p>i) 80mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 8.53x10=85.3 Kg</p> <p>iii) Laying and fitting a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling a) Excavator- (S/Sk) b) Breaking- (U/Sk) c) Bellidar-(U/Sk) d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% vii) Add for overhead @6% Total of v, vi, vii &amp; vii = 12.50% Total cost of 10m Cost per meter</p> <p>Rupees (Three hundred and sixty six) only</p>	M	2	543.97	1087.94
		Kg	85.3	2.30	196.19
		Each	0.50	300	150.00
		Each	0.70	240	168.00
		Each	0.45	190	85.50
		Each	0.95	170	161.50
		Each	0.85	170	144.50
		Each	2.20	170	374.00
			<b>Sub-Total:</b>		<b>2367.63</b>
					295.95
					2663.58
					266.38
			<b>Say:</b>		<b>266.00</b>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
8	<p><b><u>G.I Pipes and fitting for 100 dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>100mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 100mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage                      Local handling of pipe                      12.50x10=125 Kg</p> <p>iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Bellidar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%                      Total cost of 10m                      Cost per meter</p> <p>Rupees (Three hundred and eighty one) only</p>	M	2	806.11	1612.22
		Kg	125.00	2.30	287.50
		Each	1.00	300	300.00
		Each	1.20	240	288.00
		Each	0.5	190	95.00
		Each	1.1	170	187.00
		Each	1.35	170	229.50
		Each	2.30	170	391.00
			<b>Sub-Total:</b>		<b>3390.22</b>
				<b>Say:</b>	<b>423.77</b>
					<b>3813.99</b>
					<b>381.39</b>
					<b>381.00</b>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
10	<p><b><u>G.I Pipes and fitting for 150 dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 50cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>150mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b>                      i) 150mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m                      ii) Carriage                      Local handling of pipe                      19.50x10=195 Kg                      iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)                      iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Belldar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%                      Total cost of 10m                      Cost per meter</p> <p>Rupees (Five hundred and fifty six) only</p>	<p style="text-align: center;">M</p> <p style="text-align: center;">Kg</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">195</p> <p style="text-align: center;">1.85</p> <p style="text-align: center;">2.00</p> <p style="text-align: center;">0.6</p> <p style="text-align: center;">1.1</p> <p style="text-align: center;">1.35</p> <p style="text-align: center;">2.30</p> <p style="text-align: center;"><b>Sub-Total:</b></p> <p style="text-align: center;"><b>Say:</b></p>	<p style="text-align: center;">1270.41</p> <p style="text-align: center;">2.30</p> <p style="text-align: center;">300</p> <p style="text-align: center;">240</p> <p style="text-align: center;">190</p> <p style="text-align: center;">170</p> <p style="text-align: center;">170</p> <p style="text-align: center;">170</p> <p style="text-align: center;"><b>4945.82</b></p> <p style="text-align: center;">618.22</p> <p style="text-align: center;">5564.04</p> <p style="text-align: center;">556.40</p> <p style="text-align: center;"><b>556.00</b></p>	<p style="text-align: center;">2540.82</p> <p style="text-align: center;">448.50</p> <p style="text-align: center;">555.00</p> <p style="text-align: center;">480.00</p> <p style="text-align: center;">114.00</p> <p style="text-align: center;">187.00</p> <p style="text-align: center;">229.50</p> <p style="text-align: center;">391.00</p> <p style="text-align: center;"><b>4945.82</b></p> <p style="text-align: center;">618.22</p> <p style="text-align: center;">5564.04</p> <p style="text-align: center;">556.40</p> <p style="text-align: center;"><b>556.00</b></p>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
1	<p><b><u>G.I Pipes and fitting for 20mm dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>20mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 20mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage                      Local handling of pipe                      1.57x10=15.7 Kg</p> <p>iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Bellidar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%                      Total cost of 10m                      Cost per meter</p> <p>Rupees (One hundred and forty two) only</p>	M	2	105.08	210.16
		Kg	15.70	2.30	36.11
		Each	0.10	300	30.00
		Each	0.20	240	48.00
		Each	0.80	190	152.00
		Each	1.60	170	272.00
		Each	1.25	170	212.50
		Each	1.75	170	297.50
				<b>Sub-Total:</b>	<b>1258.27</b>
					157.28
					1415.55
					141.55
				<b>Say:</b>	<b>142.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
2	<p><b><u>G.I Pipes and fitting for 25mm dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>25mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 25mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage                      Local handling of pipe                      2.43x10=24.3 Kg</p> <p>iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Bellidar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%                      Total cost of 10m                      Cost per meter</p> <p>Rupees (One hundred and sixty six) only</p>	M	2	158.75	317.50
		Kg	24.3	2.30	55.89
		Each	0.15	300	45.00
		Each	0.25	240	60.00
		Each	0.90	190	171.00
		Each	1.65	170	280.50
		Each	1.35	170	229.50
		Each	1.85	170	314.50
			<b>Sub-Total:</b>		<b>1473.89</b>
					184.23
					1658.12
					165.81
			<b>Say:</b>		<b>166.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
3	<p><b><u>G.I Pipes and fitting for 32mm dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>32mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 32mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage                      Local handling of pipe  <math>3.13 \times 10 = 31.3</math> Kg</p> <p>iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Bellidar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%</p> <p>Total cost of 10m                      Cost per meter</p> <p>Rupees (One hundred and eighty three) only</p>	M	2	201.85	403.70
		Kg	31.3	2.30	71.99
		Each	0.15	300	45.00
		Each	0.25	240	60.00
		Each	0.90	190	171.00
		Each	1.80	170	306.00
		Each	1.45	170	246.50
		Each	1.90	170	323.00
			<b>Sub-Total:</b>		<b>1627.19</b>
					203.39
					1830.58
					183.05
			<b>Say:</b>		<b>183.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty	Rate	Cost
1	2	3	4	5	6
4	<p><b><u>G.I Pipes and fitting for 40mm dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>40mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 40mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 3.60x10=36 Kg</p> <p>iii) Laying and fitting a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling a) Excavator- (S/Sk) b) Breaking- (U/Sk) c) Bellidar-(U/Sk) d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% vii) Add for overhead @6% Total of v, vi, vii &amp; vii = 12.50% Total cost of 10m Cost per meter</p> <p>Rupees (Two hundred and one) only</p>	M	2	232.22	464.44
		Kg	36	2.30	82.80
		Each	0.20	300	60.00
		Each	0.30	240	72.00
		Each	0.90	190	171.00
		Each	1.90	170	323.00
		Each	1.60	170	272.00
		Each	2.00	170	340.00
			<b>Sub-Total:</b>		<b>1785.24</b>
				<b>Say:</b>	<b>223.15</b>
					2008.39
					200.83
					<b>201.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
5	<p><b><u>G.I Pipes and fitting for 50mm dia</u></b>            Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>50mm dia G.I pipe</u></b>            Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 50mm dia G.I pipe 10m.            Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage            Local handling of pipe            5.10x10=51 Kg</p> <p>iii) Laying and fitting            a) Plumber/fitter- (Sk-I)            b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling            a) Excavator- (S/Sk)            b) Breaking- (U/Sk)            c) Bellidar-(U/Sk)            d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%            vi) Add for sundries including contingencies @ 3%            vii) Add for water charges and electricity @ 1.5%            vii) Add for overhead @6%            Total of v, vi, vii &amp; vii = 12.50%            Total cost of 10m            Cost per meter</p> <p>Rupees (Two hundred and thirty five) only</p>	M	2	326.95	653.90
		Kg	51	2.30	117.30
		Each	0.30	300	90.00
		Each	0.40	240	96.00
		Each	0.90	190	171.00
		Each	1.90	170	323.00
		Each	1.65	170	280.50
		Each	2.10	170	357.00
			<b>Sub-Total:</b>		<b>2088.70</b>
				<b>Say:</b>	<b>2349.78</b>
					261.08
					234.97
					<b>235.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
6	<p><b>G.I Pipes and fitting for 65 dia</b> Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b>65mm dia G.I pipe</b> Details of cost for 10m length.</p> <p><b>Material</b></p> <p>i) 65mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 6.54x10=65.4 Kg</p> <p>iii) Laying and fitting</p> <p style="margin-left: 20px;">a) Plumber/fitter- (Sk-I)</p> <p style="margin-left: 20px;">b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling</p> <p style="margin-left: 20px;">a) Excavator- (S/Sk)</p> <p style="margin-left: 20px;">b) Breaking- (U/Sk)</p> <p style="margin-left: 20px;">c) Bellidar-(U/Sk)</p> <p style="margin-left: 20px;">d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%</p> <p>vi) Add for sundries including contingencies @ 3%</p> <p>vii) Add for water charges and electricity @ 1.5%</p> <p>vii) Add for overhead @6%</p> <p>Total of v, vi, vii &amp; vii = 12.50%</p> <p>Total cost of 10m</p> <p>Cost per meter</p> <p>Rupees (Two hundred and sixty four) only</p>	<p style="text-align: center;">M</p> <p style="text-align: center;">Kg</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p> <p style="text-align: center;">Each</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">65.4</p> <p style="text-align: center;">0.35</p> <p style="text-align: center;">0.50</p> <p style="text-align: center;">0.90</p> <p style="text-align: center;">1.90</p> <p style="text-align: center;">1.65</p> <p style="text-align: center;">2.10</p>	<p style="text-align: center;">419.53</p> <p style="text-align: center;">2.30</p> <p style="text-align: center;">300</p> <p style="text-align: center;">240</p> <p style="text-align: center;">190</p> <p style="text-align: center;">170</p> <p style="text-align: center;">170</p> <p style="text-align: center;">170</p>	<p style="text-align: center;">839.06</p> <p style="text-align: center;">150.42</p> <p style="text-align: center;">105.00</p> <p style="text-align: center;">120.00</p> <p style="text-align: center;">171.00</p> <p style="text-align: center;">323.00</p> <p style="text-align: center;">280.50</p> <p style="text-align: center;">357.00</p> <p style="text-align: center;"><b>Sub-Total:</b></p> <p style="text-align: center;"><b>2345.98</b></p> <p style="text-align: center;">293.24</p> <p style="text-align: center;">2639.22</p> <p style="text-align: center;">263.92</p> <p style="text-align: center;"><b>Say:</b></p> <p style="text-align: center;"><b>264.00</b></p>

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
7	<p><b><u>G.I Pipes and fitting for 80 dia</u></b> Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>80mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 80mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 8.53x10=85.3 Kg</p> <p>iii) Laying and fitting a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling a) Excavator- (S/Sk) b) Breaking- (U/Sk) c) Bellidar-(U/Sk) d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% vii) Add for overhead @6% Total of v, vi, vii &amp; vii = 12.50% Total cost of 10m Cost per meter</p> <p>Rupees (Three hundred and eleven) only</p>	<p>M</p> <p>Kg</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p>	<p>2</p> <p>102.36</p> <p>0.50</p> <p>0.70</p> <p>0.90</p> <p>1.90</p> <p>1.70</p> <p>2.20</p> <p><b>Sub-Total:</b></p>	<p>543.97</p> <p>2.30</p> <p>300</p> <p>240</p> <p>190</p> <p>170</p> <p>170</p> <p>170</p> <p><b>2798.37</b></p>	<p>1087.94</p> <p>235.43</p> <p>150.00</p> <p>168.00</p> <p>171.0</p> <p>323.00</p> <p>289.00</p> <p>374.00</p> <p><b>349.79</b></p> <p>3148.16</p> <p>314.82</p> <p><b>315.00</b></p>
			<b>Say:</b>		

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
8	<p><b><u>G.I Pipes and fitting for 100 dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>100mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b></p> <p>i) 100mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage                      Local handling of pipe                      12.50x10=125 Kg</p> <p>iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Bellidar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      vii) Add for overhead @6%                      Total of v, vi, vii &amp; vii = 12.50%                      Total cost of 10m                      Cost per meter</p> <p>Rupees (Four hundred and twenty) only</p>	M	2	806.11	1612.22
		Kg	125.00	2.30	287.50
		Each	1.00	300	300.00
		Each	1.20	240	288.00
		Each	1.00	190	190.00
		Each	2.20	170	374.00
		Each	1.70	170	289.00
		Each	2.30	170	391.00
				<b>Sub-Total:</b>	<b>3731.72</b>
				<b>Say:</b>	<b>420.00</b>
					466.46
					4198.18
					419.81
					<b>420.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qty.	Rate	Cost
1	2	3	4	5	6
9	<p><b><u>G.I Pipes and fitting for 125 dia</u></b>                      Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>125mm dia G.I pipe</u></b>                      Details of cost for 10m length.</p> <p><b><u>Material</u></b>                      i) 125mm dia G.I pipe 10m.                      Add @ 20% for fittings and wastage. i.e 2m                      ii) Carriage                      Local handling of pipe                      16.40x10=164 Kg                      iii) Laying and fitting                      a) Plumber/fitter- (Sk-I)                      b) Asst.plumber/fitter-(Sk-II)                      iv) Trenching and Refilling                      a) Excavator- (S/Sk)                      b) Breaking- (U/Sk)                      c) Belldar-(U/Sk)                      d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2%                      vi) Add for sundries including contingencies @ 3%                      vii) Add for water charges and electricity @ 1.5%                      viii) Add for overhead @6%                      Total of v, vi, vii &amp; viii = 12.50%                      Total cost of 10m                      Cost per meter</p> <p>Rupees (Five hundred and ten) only</p>	M	2	1045.46	2090.92
		Kg	164	2.30	377.20
		Each	1.40	300	420.00
		Each	1.50	240	360.00
		Each	1.20	190	228.00
		Each	2.20	170	374.00
		Each	1.70	170	289.00
		Each	2.30	170	391.00
			<b>Sub-Total:</b>		<b>4530.12</b>
					566.26
					5096.38
					509.63
			<b>Say:</b>		<b>510.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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## ANALYSIS FOR GALVANISED MILD STEEL TUBE (MEIDUM CLASS)

Sl. No	Description	Unit	Qnty.	Rate	Cost
1	2	3	4	5	6
10	<p><b>G.I Pipes and fitting for 150 dia</b> Fitting, fixing G.I pipes complete with all G.I fittings including cutting threading, jointing and laying in trenches to a minimum depth of 100cm below ground level in all types of soil including trimmings, dressing, leveling in gradient, refilling of trenches in 20cm layers watering and ramming, removing surplus earth and brining back to its original position etc. all complete as per design and direction of Engineer-in-Chief (latest issue rate of pipe should be added in the estimate)</p> <p><b><u>150mm dia G.I pipe</u></b> Details of cost for 10m length.</p> <p><b>Material</b></p> <p>i) 150mm dia G.I pipe 10m. Add @ 20% for fittings and wastage. i.e 2m</p> <p>ii) Carriage Local handling of pipe 19.50x10=195 Kg</p> <p>iii) Laying and fitting a) Plumber/fitter- (Sk-I) b) Asst.plumber/fitter-(Sk-II)</p> <p>iv) Trenching and Refilling a) Excavator- (S/Sk) b) Breaking- (U/Sk) c) Belldar-(U/Sk) d) Coolie-(U/Sk)</p> <p>v) Add for lead, jute, point, cement, sand,gut,oil etc @ 2% vi) Add for sundries including contingencies @ 3% vii) Add for water charges and electricity @ 1.5% viii) Add for overhead @6% Total of v, vi, vii &amp; viii = 12.50% Total cost of 10m Cost per meter</p> <p>Rupees (Five hundred and ninety seven) only</p>	M	2	1270.41	2540.82
		Kg	195	2.30	448.50
		Each	1.85	300	555.00
		Each	2.00	240	480.00
		Each	1.20	190	228.00
		Each	2.20	170	374.00
		Each	1.70	170	289.00
		Each	2.30	170	391.00
			<b>Sub-Total:</b>		<b>5306.32</b>
					663.29
					5969.61
					596.96
			<b>Say:</b>		<b>597.00</b>

**NB:** Due to difficult of working in hilly terrain 5% extra labourers have been provided in the analysis of rate

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