

Name of Project: Providing Sewerage Scheme to Shah Talai town in tehsil Jhandutta Distt. Bilaspur HP  
(SH: C/O 1.00 MLD Sewerage treatment plant with extended aeration system)

**Component Wise Breakup**

The component wise breakup of the forest land requires to the construction of STP Shah Talai is as under:

| Sr. No. | Componen Name                 | No. | Length     | Breadth         | Total Mtr2 | Hact.     |
|---------|-------------------------------|-----|------------|-----------------|------------|-----------|
| 1       | Inlet Chamber                 | 1   | 1.32       | 1.7             | 2.24       | 0.000224  |
| 2       | Screen Channel                | 1   | 2          | 1.32            | 2.64       | 0.000264  |
| 3       | Grit Chamber                  | 1   | 158.81     | 10.8            | 170.74     | 0.017074  |
| 4       | Distt. Chamber                | 1   | 1          | 1.8             | 1.8        | 0.00018   |
| 4i      | Cabin for Diffuser Compressor | 1   | 13         | 13              | 169        | 0.0169    |
| 5       | Oil and grease Trap           | 1   | 12         | 12              | 244        | 0.0244    |
| 6       | Aeration Tank                 | 2   | 26Mtr dia  |                 | 530.66     | 0.053066  |
| 7       | Secondary Clarifier Chamber   | 1   | 25 mtr dia |                 | 490.62     | 0.049062  |
| 8       | Recycle Work                  | 1   | 14         | 13              | 182        | 0.0182    |
| 9       | Chlorine tank                 | 1   | 17.5       | 14              | 245        | 0.0245    |
| 10      | Sludge Thickener              | 1   | 2.2        | 2.2             | 4.84       | 0.000484  |
| 11      | Filtrate sump                 | 1   | 4.8        | 4.8             | 23.04      | 0.002304  |
| 12      | Chemical dosing               | 3   | 2.8        | 2.8             | 23.52      | 0.002352  |
| 13      | Dry sludge bed                | 4   | 35         | 5               | 700        | 0.07      |
| 14      | Pump House                    | 2   | 17.22      | 17.22           | 593.05     | 0.059305  |
| 15      | Pump House                    | 1   | 17.22      | 3.55            | 51.131     | 0.0061131 |
| 16      | Lab Building Courtyard        | 1   | 15         | 15              | 225        | 0.0225    |
| 16i     | Lab Building Courtyard        | 1   | 5.5425     | 5.5425          | 30.72      | 0.0030719 |
| 17      | Inter Connecting Path         | 1   | 400        | 3               | 1200       | 0.12      |
| 18      | Circular Road                 | 1   | 232        | 3.5             | 812        | 0.0812    |
|         |                               |     |            | <b>G. Total</b> | 5712       | 0.5712    |

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