

### Unit cost for Micro Irrigation components

| S.No | Component                          | Unit | IS No                    | Raw material      | Price (Rs) |
|------|------------------------------------|------|--------------------------|-------------------|------------|
| 1    | Screen Filter 10m3                 | No   | IS 12785:1994            | Plastic/<br>Metal | 1400       |
| 2    | Screen Filter 20m3                 | No   | IS 12785:1994            | Plastic/<br>Metal | 2400       |
| 3    | Screen Filter 30m3                 | No   | IS 12785:1994            | Plastic/<br>Metal | 3000       |
| 4    | Ventury -Manifold-1.5"             | No   | IS 14483(Part I<br>1987) | Plastic           | 2400       |
| 5    | Ventury -Manifold-2.0"             | No   | IS 14483(Part I<br>1987) | Plastic           | 2500       |
| 6    | Ventury -Manifold-2.5"             | No   | IS 14483(Part I<br>1987) | Plastic           | 3500       |
| 7    | Air Valve -1"                      | No   | As specified             | Plastic           | 125        |
| 8    | Air Valve -1.5"                    | No   | 14845                    | Plastic           | 240        |
| 9    | Non Return Valve-1.5"              | No   | As specified             | Plastic           | 650        |
| 10   | Non Return Valve-2.0"              | No   | As specified             | Plastic           | 850        |
| 11   | Non Return Valve-2.5"              | No   | As specified             | Plastic           | 1300       |
| 12   | Non Return Valve 3"                | No.  | As specified             | Plastic           | 1700       |
| 13   | By-Pass Assem-1.5 X 1.5"           | No   | As specified             | Plastic           | 950        |
| 14   | By-Pass Assem-2.0 X 1.5"           | No   | As specified             | Plastic           | 970        |
| 15   | By-Pass Assem-2.5 X 2.0"           | No   | As specified             | Plastic           | 1010       |
| 16   | PVC Pipe 110mm Class-II-4 Kg/cm2   | M    | IS 4985-2000             | Plastic           | 190        |
| 17   | PVC Pipe 90mm Class-II-4 Kg/cm2    | M    | IS 4985-2000             | Plastic           | 168        |
| 18   | PVC Pipe 75mm Class-II-4 Kg/cm2    | M    | IS 4985-2000             | Plastic           | 117        |
| 19   | PVC Pipe 63mm Class-II-4 Kg/cm2    | M    | IS 4985-2000             | Plastic           | 80         |
| 20   | PVC Pipe 50 mm Class-III; 6 kg/cm2 | M    | IS 4985-2000             | Plastic           | 63         |
| 21   | PVC Pipe 40mm Class-III-6 Kg/cm2   | M    | IS 4985-2000             | Plastic           | 43         |
| 22   | HDPE Pipe 50mm Class-III-6Kg/cm2   | M    | 14151                    | Plastic           | 141        |
| 23   | HDPE Pipe 63mm Class-II-4Kg/cm2    | M    | 14151                    | Plastic           | 160        |

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|-------------|--|-------------|---------------|---------------------|-------------------|
| 24          | HDPE Pipe 75mm Class-II-4Kg/cm2                          | M           | 4984          | Plastic             | 221               |
| 25          | HDPE Pipe 90mm Class-II-4Kg/cm2                          | M           | 4984          | Plastic             | 314               |
| 26          | Lateral 16 mm, Class II; 2.5 kg/cm2                      | M           | IS 12786:1989 | Plastic             | 8.5               |
| 27          | Lateral 12 mm, Class II ; 2.5 kg/cm2                     | M           | IS 12786:1989 | Plastic             | 6.5               |
| 28          | Emitting Pipe 16mm-Class-II(0.9m-1 to 4lph) (Additional) | M           | IS 13488:2008 | Plastic             | 10.20             |
| 29          | Emitting Pipe 16mm-Class-II(0.75m-1 to 4lph)(Additional) | M           | IS 13488:2008 | Plastic             | 10.40             |
| 30          | Emitting Pipe 16mm-Class-II(0.6m-1 to 4lph)              | M           | IS 13488:2008 | Plastic             | 10.85             |
| 31          | Emitting Pipe 16mm-Class-II(0.5m-1 to 4lph)(Additional)  | M           | IS 13488:2008 | Plastic             | 11.20             |
| 32          | Emitting Pipe 16mm-Class-II(0.4m-1 to 4lph)(Additional)  | M           | IS 13488:2008 | Plastic             | 11.30             |
| 33          | Emitting Pipe 16mm-Class-II(0.3m-1 to 4lph)(Additional)  | M           | IS 13488:2008 | Plastic             | 11.40             |
| 34          | Emitting Pipe 12mm-Class-II(0.75m-1 to 4lph)(Additional) | M           | IS 13488:2008 | Plastic             | 8.1               |
| 35          | Emitting Pipe 12mm-Class-II(0.60m-1 to 4lph)             | M           | IS 13488:2008 | Plastic             | 8.2               |
| 36          | Emitting Pipe 12mm-Class-II(0.50m-1 to 4lph)(Additional) | M           | IS 13488:2008 | Plastic             | 8.3               |
| 37          | Emitting Pipe 12mm-Class-II(0.40m-1 to 4lph)(Additional) | M           | IS 13488:2008 | Plastic             | 8.4               |
| 38          | Emitting Pipe 12mm-Class-II(0.30m-1 to 4lph)(Additional) | M           | IS 13488:2008 | Plastic             | 8.5               |
| 39          | Emitter/Drippers-4/8 LPH NPC                             | No          | IS 13487:1992 | Plastic             | 2.35              |
| 40          | Control Valve PVC-90mm                                   | No          | IS 9890:1981  | Plastic             | 875               |
| 41          | Control Valve PVC-75mm                                   | No          | IS 9890:1981  | Plastic             | 643.75            |

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| 42          | Control Valve PVC-63mm                                    | No          | IS 9890:1981           | Plastic             | 445               |
| 43          | Control Valve PVC-50mm                                    | No          | IS 9890:1981           | Plastic             | 300               |
| 44          | Control Valve PVC-40mm(Additional)                        | No          | IS 9890:1981           | Plastic             | 237               |
| 45          | Control Valve PVC-32 mm                                   | No          | IS 9890:1981           | Plastic             | 210               |
| 46          | Flush Valve 75mm  | No          | As specified           | Plastic             | 110               |
| 47          | Flush Valve 63mm  | No          | As specified           | Plastic             | 93.75             |
| 48          | Flush Valve 50mm  | No          | As specified           | Plastic             | 77.5              |
| 49          | Flush valve 40 mm   | No.         | As specified           | Plastic             | 60                |
| 50          | Throttle Valve-3.0"                                       | No          | As specified           | Plastic             | 1500              |
| 51          | Throttle Valve-2.5"                                       | No          | As specified           | Plastic             | 1200              |
| 52          | Throttle Valve-2.0"                                       | No          | As specified           | Plastic             | 800               |
| 53          | Throttle Valve-1.5"                                       | No          | As specified           | Plastic             | 650               |
| 54          | HDPE Pipe with Quick coupled-63mm-3.2 KG Class II         | No          | IS 14151 part II: 2008 | Plastic             | 503               |
| 55          | HDPE Pipe with Quick coupled-75mm-2.5 KG Class I          | No          | IS 14151 part II: 2008 | Plastic             | 568               |
| 56          | HDPE Pipe with Quick coupled-90mm-2.5 KG Class I          | No          | IS 14151 part II:2008  | Plastic             | 777               |
| 57          | HDPE Coupled 63mm foot batten Assembly                    | No          | 14151                  | Plastic+Metal       | 346               |
| 58          | HDPE Coupled 75mm foot batten Assembly                    | No          | 14151                  | Plastic+Metal       | 378               |
| 59          | HDPE Coupled 90mm foot batten Assembly                    | No          | 14151                  | Plastic+Metal       | 432               |
| 60          | GI riser-3/4-75cm long                                    | No          | As specified           | Metal               | 97                |
| 61          | Sprinkler Nozzles(1.7 to 2.8 Kg/cm <sup>2</sup> ) (Brass) | No          | IS 12232 Part II -1995 | Brass               | 367               |
| 62          | Quick coupled HDPE bend with coupler 90 Degree-63mm       | No          | IS 14151 part II: 2008 | Plastic             | 227               |

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| 63          | Quick coupled HDPE bend with coupler 90 Degree-75mm         | No          | IS 14151 part II: 2008 | Plastic             | 281               |
| 64          | Quick coupled HDPE bend with coupler 90 Degree-90mm         | No          | IS 14151 part II:2008  | Plastic             | 378               |
| 65          | Quick coupled HDPE pump connecting nipple-63mm              | No          | IS 14151 part II: 2008 | Plastic             | 270               |
| 66          | Quick coupled HDPE pump connecting nipple-75mm              | No          | IS 14151 part II: 2008 | Plastic             | 313               |
| 67          | Quick coupled HDPE pump connecting nipple-90mm              | No          | IS 14151 part II:2008  | Plastic             | 345               |
| 68          | Quick coupled HDPE End Plug-63mm                            | No          | IS 14151 part II: 2008 | Plastic             | 86                |
| 69          | Quick coupled HDPE End Plug-75mm                            | No          | IS 14151 part II: 2008 | Plastic             | 108               |
| 70          | Quick coupled HDPE End Plug-90mm                            | No          | IS 14151 part II:2008  | Plastic             | 162               |
| 71          | Quick coupled HDPE Tee with coupler-63mm                    | No          | IS 14151 part II: 2008 | Plastic             | 302               |
| 72          | Quick coupled HDPE Tee with coupler-75mm                    | No          | IS 14151 part II: 2008 | Plastic             | 378               |
| 73          | Quick coupled HDPE Tee with coupler-90mm                    | No          | IS 14151 part II:2008  | Plastic             | 453               |
| 74          | 20 mm LLDPE Plain Laterals,class II; 2.5 kg/cm <sup>2</sup> | M           | IS 12786:1989          | Plastic             | 10.00             |
| 75          | 32 mm LLDPE Plain Laterals,class II; 2.5 kg/cm <sup>2</sup> | M           | IS 12786:1989          | Plastic             | 30                |
| 76          | HDPE Pipe with Quick coupled-63mm-4.0 KG-class 3            | No.         | IS 14151 part II 2008  | Plastic             | 681               |
| 77          | HDPE Pipe with Quick coupled-75mm-4.0 KG-class 3            | No.         | IS 14151 part II 2008  | Plastic             | 864               |
| 78          | HDPE Pipe with Quick coupled-90mm-4.0 KG-class 3            | No.         | IS 14151 part II 2008  | Plastic             | 1078              |
| 79          | Raingun Sprinkler 1.25" Female Threaded connection          | No.         | IS 12232 Part II -1996 | Metal               | 3105              |

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| 80          | Raingun Sprinkler 1.50" Female Threaded connection        | No.         | IS 12232 Part II -1996 | Metal               | 4050              |
| 81          | Tripod stand with adaptor to feeder line 1.25" to 1.5m    | No.         | As specified           | Metal               | 2290              |
| 82          | Tripod stand with adaptor to feeder line 1.50" to 1.5m    | No.         | As specified           | Metal               | 2290              |
| 83          | Micro Sprinkler Set                                       | No.         | IS 14605:1998          | Plastic             | 20                |
| 84          | Mini Sprinkler Head/Nozzle                                | No.         | As specified           | Plastic             | 66                |
| 85          | M S Riser Rod & assembly                                  | No.         | As specified           | Plastic             | 34.5              |
| 86          | Sand filter with Backwash Assembly-10m <sup>3</sup> -1.5" | No.         | IS 14606:1998          | Metal               | 9775              |
| 87          | Sand filter with Backwash Assembly-20m <sup>3</sup> -2"   | No.         | IS 14606:1998          | Metal               | 13225             |
| 88          | Sand filter with Backwash Assembly-25m <sup>3</sup> -2"   | No.         | IS 14606:1998          | Metal               | 16100             |
| 89          | Sand filter with Backwash Assembly-30m <sup>3</sup> -2.5" | No.         | IS 14606:1998          | Metal               | 18400             |
| 90          | Hydro cyclone Filter 2.0"-20m <sup>3</sup>                | No.         | IS 14743:1999          | Plastic             | 4025              |
| 91          | Hydro cyclone Filter 2.0"-25m <sup>3</sup>                | No.         | IS 14743:1999)         | Plastic             | 4600              |
| 92          | Hydro cyclone Filter 2.5"-30m <sup>3</sup>                | No.         | IS 14743:1999          | Plastic             | 6325              |
| 93          | Fertilizer Tank-30 liters                                 | No.         | IS:14483 Part 3-2018   | Plastic/<br>Metal   | 3220              |
| 94          | Fertilizer Tank-60 liters                                 | No.         | IS:14483 Part 3-2019   | Plastic/<br>Metal   | 5750              |
| 95          | Drip line winder  | No.         | As specified           | -                   | 2000              |
| 96          | Disc Filter-2"-10m <sup>3</sup> /hr                       | No.         | IS 12785:1994          | Plastic             | 4000              |
| 97          | Disc Filter-2"-20m <sup>3</sup> /hr                       | No.         | IS 12785:1994          | Plastic             | 4500              |
| 98          | Disc Filter-2.5"-30m <sup>3</sup> /hr                     | No.         | IS 12785:1994          | Plastic             | 6800              |
| 99          | Disc Filter-3.0"-40m <sup>3</sup> /hr                     | No.         | IS 12785:1994          | Plastic             | 8600              |