

TS Register No: 944/2021-2022

AS Register No:955/2021-2022

**Providing Community Micro Irrigation in Athical Mundakolly Ambalavayal Panchayat  
Wayanad District.-CMI Part**

Detailed Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 32.04%)

SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>1 APPENDIX-A Providing Community Micro Irrigation</b>								
1	od87639/2021_2022 DESIGN, SUPPLY, INSTALLATION, OF SUB MAIN MICRO-IRRIGATION SYSTEM AS PER APPROVED TENTATIVE DESIGN INCLUDING SUBMAIN PVC PIPELINES(90mm-6kg/cm <sup>2</sup> ,75mm-6kg/cm <sup>2</sup> ,63mm-6kg/cm <sup>2</sup> and HDPE 75MM 6Kg/Cm <sup>2</sup> , etc)-IND, PRESSURE COMPENSATING EMITTERS(anti-siphon and UV protective), LAYING OF LATERALS (UV protective), MATEL SPRINKLER COMPLETE WITH ALL ACCESSORIES, END CAP FOR LATERALS, PLACING EMITTER TAKE OFF AND FITTINGS, ACCESSORIES, FLUSH VALVES, IRRIGATION CONTROL VALVES, FITTINGS AND ACCESSORIES, SUPPLY OF SPARE PARTS, TOOLS ETC WITH ALL COST OF MATERIALS, LABOUR CHARGES, COST OF FITTINGS, CONVEYANCE INCLUDING ALL COST OF TRENCHING, BACKFILLING AND LAYING AS PER DESIGN ALIGNMENT AND LEVELS IF ANY, ETC, MATERIAL QUALITY REPORT FROM THE THIRD PARTY QUALITY INSPECTION, AS PER THE DIRECTIONS OF DEPARTMENTAL OFFICERS AT SITE.	1	12400.000				12400.000	
							Total Quantity	12400.000 cent
							Total Deducted Quantity	0.000 cent
							Net Total Quantity	12400.000 cent
							Say 12400.000 cent @ Rs 741.84 / cent	<b>Rs 9198816.00</b>
2	od87642/2021_2022 DESIGN, SUPPLY, INSTALLATION, OF MAINLINE MICRO-IRRIGATION SYSTEM INCLUDING MAINLINE PVC PIPELINES((,200mm-8kg/cm <sup>2</sup> ,140mm 8kg/cm <sup>2</sup> ,110mm-8kg/cm <sup>2</sup> , ETC-IND), FERTIGATION UNIT(UV PROTECTIVE), IRRIGATION CONTROL VALVES FOR MAINLINE, FITTINGS AND ACCESSORIES, SUPPLY OF SPARE PARTS, TOOLS ETC WITH ALL COST OF MATERIALS, LABOUR CHARGES, COST OF FITTINGS, CONVEYANCE INCLUDING ALL COST OF TRENCHING, BACKFILLING AND LAYING AS PER DESIGN ALIGNMENT AND LEVELS IF ANY, ETC, MATERIAL QUALITY REPORT FROM THE THIRD PARTY INSPECTION, AS PER THE DIRECTIONS OF DEPARTMENTAL OFFICERS AT SITE.	1	12400.000				12400.000	
							Total Quantity	12400.000 cent
							Total Deducted Quantity	0.000 cent
							Net Total Quantity	12400.000 cent
							Say 12400.000 cent @ Rs 320.60 / cent	<b>Rs 3975440.00</b>
3	od87643/2021_2022							

DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OPERATION, MAINTENANCE, TRAINING AND TRANSFER OF MICRO-IRRIGATION SYSTEM ON BUILD OPERATE MAINTAIN AND TRANSFER BASIS COMPLETE, CONSISTING OF THE FOLLOWING: MICRO-IRRIGATION SYSTEM INCLUDING PRIMARY FILTERS, SECONDARY FILTERS (FULLY AUTOMATIC FILTERS), AUTOMATED IRRIGATION CONTROLLERS, PRESSURE RELIEF VALVE, BUTTERFLY VALVES, AIR RELEASE VALVES, SOLENOID VALVES, VALVES, QUICK RELEASE VALVES, NON RETURN VALVES, PRESSURE GAUGES, SWING CHECK VALVE, IRRIGATION WIRELESS CONTROLLERS, FITTINGS AND ACCESSORIES, SUPPLY OF SPARE PARTS, TOOLS ETC, INDIVIDUAL FARMER-WISE WATER METER. SUITABLE SUBMERSIBLE PUMP SET WITH STANDBY WITH AN AUTOMATED OPERATION CONTROLLER INCLUDING ALL OTHER FITTINGS, GI FITTINGS, AUTOMATED STARTER, AND PANNEL BOARD, FOR THE COMMISSIONING OF HEAD UNIT AS PER DESIGN- COMPLETE, MATERIALS QUALITY REPORT FROM THIRD PARTY QUALITY INSPECTION, INCLUDING REQUISITE MANPOWER FOR OPERATION AND MAINTENANCE OF THE SYSTEM FOR THREE YEARS AFTER THE DATE OF COMPLETION ON A TURNKEY BASIS AS PER THE DIRECTION OF DEPARTMENTAL OFFICIAL AT THE SITE.								
		1	12400.000				12400.000	
Total Quantity							12400.000 cent	
Total Deducted Quantity							0.000 cent	
Net Total Quantity							12400.000 cent	
Say 12400.000 cent @ Rs 511.73 / cent							<b>Rs 6345452.00</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>2 GST@12%</b>								
Lump-Sum Total							<b>Rs 2341967.75</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>3 CENTAGE@7%</b>								
Lump-Sum Total							<b>Rs 1366147.86</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>4 GST ON CENTAGE @18%</b>								
Lump-Sum Total							<b>Rs 245906.61</b>	
Provision for GST payments (in %) @							<b>0.0%</b>	
Amount reserved for GST payments							<b>0.00</b>	
Total							<b>23473730.00</b>	
Lumpsum for round off							<b>0.00</b>	
<b>TOTAL Rs 23473730.00</b>								
<b>Rounded Total Rs 2,34,73,730</b>								
Rupees Two Crore Thirty Four Lakh Seventy Three Thousand Seven Hundred and Thirty Only								

(Cost Index Applied for this estimate is 32.04%)



Other Engineering Organisations

# PRICE