



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

AERODYNAMICS AND PROPULSION LABORATORY

S. No.	Item	Make	Quantity	Cost per Unit (Rs.)	Total Cost (Rs.)
1.	Subsonic wind tunnel Test Section size: 600 x 600 x 2000 mm Maximum speed: 50m/s Contraction ratio: 9 Honeycomb L/D: 8 Total Length of tunnel: 12 m	Sunshine Measurements Pvt Ltd	1	28,83,400	28,83,400
2.	Subsonic wind tunnel	IndLab Equipment	1	10,00,000	10,00,000
3.	Propeller test rig	Mechtrix Engineers	1	1,15,000	1,15,000
4.	Bomb calorimeter	Mechtrix Engineers	1	68,000	68,000
5.	Cm14-a-axial flow gas turbine engine (bench mounting)	Armfield	1	39,87,976	39,87,976
6.	Blower test rig	Mechtrix Engineers	1	2,28,480	2,28,480
7.	Nozzle test rig	Mechtrix Engineers	1	62,300	62,300
Total Cost					73,74,856
<i>In words: Rupees seventy-three lakh, seventy-four thousand, eight hundred and fifty-six only.</i>					

Date: 07/04/2022

PRINCIPAL