

PONDICHERRY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of the work: Providing and fixing direction and traffic informatory sign boards at various locations in the University campus

S. No.	Description	Qty.	Rate Rs.P.	Unit	Amount Rs.P.
1. 8.6	Providing and erecting direction and place identification retroreflectorised sign as per IRC:67 made of aluminium sheet encapsulated lens reflective sheet (diamond grade) with high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2mm thick with area exceeding 0.9sqm supported on a mild steel angle iron post 75 X 75 X 6mm , (3.5 mtrs height x2 mtrs) = 7mtrs x 6.8kg/mtr =47.60kg, with board support angle 35x35x6mm 3mtrs-3.5kg/mtr = 10.50kg with anchor flats -0.50kg)2 nos firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 X 45 X 60 cm, 60cm below ground level.	29.98		sqm	
2. 8.4A	Providing and fixing of retro - reflectorised cautionary, mandatory & informatory sign as per IRC:67 made of aluminium sheet encapsulated lens with high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm X 75 mm X 6 mm (3.8 mtrs height - 6.8kg/mtr = 25.84kg , with board support angle 35x35x6mm - 3.5 mtrs 3kg/mtr = 10.5kg and anchor flats 0.5kg) firmly fixed to the ground by means of properly designed foundation with M15 Grade cement concrete 45 cm X 45 cm X 60 cm , 60cm below ground level as per approved drawing. - 90 cm equilateral triangle . (including cost of angle iron towards cost of drilling holes , nuts , bolts etc.,)	10		each	
3. 8.4C	Providing and fixing of retro - reflectorised cautionary, mandatory & informatory sign as per IRC:67 made of aluminium sheet encapsulated lens with high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5	10		each	

	mm thick supported on a mild steel angle iron post 75 mm X 75 mm X 6 mm (3.6 mtrs height - 6.8kg/mtr = 24.48 kg with board support angle 35x35x6mm - 2.49 mtrs - 3kg/mtr = 7.47kg and anchor flat - 0.50kg)firmly fixed to the ground by means of properly designed foundation with M15 Grade cement concrete 45 cm X 45 cm X 60 cm , 60cm below ground level as per approved drawing. - 60cm Circular .(including cost of angle iron towards cost of drilling holes , nuts , bolts etc.,)				
4. 8.4D	Providing and fixing of retro - reflectorised cautionary, mandatory & informatory sign as per IRC:67 made of aluminium sheet encapsulated lens with high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm X 75 mm X 6 mm (3.8 mtrs height - 6.8kg/mtr = 25.84 kg with board support angle 35x35x6mm - 2.8 mtrs - 3kg/mtr = 8.4kg and anchor flats - 0.5kg) firmly fixed to the ground by means of properly designed foundation with M15 Grade cement concrete 45 cm X 45 cm X 60 cm , 60cm below ground level as per approved drawing. - 80cm X 60cm rectangular . (including cost of angle iron towards cost of drilling holes , nuts , bolts etc.,)	10		each	
5. 8.4E	Providing and fixing of retro - reflectorised cautionary, mandatory & informatory sign as per IRC:67 made of aluminium sheet encapsulated lens with high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm X 75 mm X 6 mm (3.6 mtrs height - 6.8kg/mtr = 24.48kg , with board support angle 2.10 mtrs - 3kg/mtr = 6.3 kg and anchor flat 0.50kg)firmly fixed to the ground by means of properly designed foundation with M15 Grade cement concrete 45 cm X 45 cm X 60 cm , 60cm below ground level as per approved drawing. - 60 cm X 45cm rectangular . (including cost of angle iron	10		each	

	towards cost of drilling holes , nuts , bolts etc.,)				
6. 8.11.3 A	Supplying and fixing of cantilever type destination sign boards with diamond graded reflective sheeting in rectangular shape of size 1.20 m x 0.9 m of double sided board including the cost and conveyance of reflective sheeting and providing symbols and letterings by high intensity grade reflective white sheeting fixed over the aluminium plates of all sizes not less than 2 mm thick suitably framed and supported by M.S. angles of size 40 mm X 40 mm X 6 mm with required bolt and nuts. The rectangular board is fixed in the post pipe of 100 mm dia M.S. Heavy vertically 4.8 mts height and horizontally 1.2 m and both the vertical and horizontal are connected by a 100 mm dia M.S. heavy bend with inner support sleeves welded firmly and a base plate of size 30 cm X 30 cm welded at the bottom with necessary anchoring supports. The board and the post pipe are connected by 32 mm dia M.S. pipe with suitable bolts and clamps of 12 cm length by horizontally 3 places and vertically 2 places and a cross tie flat is provided at the bottom of the board with pipe post to hold the hanging strength. Finally the board frame and the post pipe are painted by Zinc chromate primer and aluminium paint and embedded in ground pit of size 0.8m X 0.8 m X 0.9 m with PCC 1:2:4 complete	5		each	
	Total				

I hereby abide the rules and regulations stipulated in the CPWD form no. 6 & 8.

Contractor

Head(C&E)