

Indicative Manpower deployment for "Assistance for Manufacturing of SPV Modules - Pre-Lamination Activities".

S/N	Equipment/Station	Activity/Sub-activity	Per Shift	Per Day	Relieving Shift	Remarks	Category Skill Level				Total Men required
							Unskilled	Semi-skilled	Skilled	Supervisor	
	SPV Shop	Total Manpower handling and monitoring the work men	1	3		One in each shift	0	0	0	3	3
1	Tabber-Cum-Stringer	Tabbing-Stringing									
		Unpacking and loading of solar cells into cassettes and feeding cassettes into T & S.	4	12		Four in each shift	0	0	12	0	12
		Loading of Interconnect bobbins onto T & S									
		Periodic solder flux level top up									
		Cleaning and upkeep of machines and surroundings.	4	4		Only in first shift (5-30 AM to 1-30PM)	0	0	4	0	4
2	Robotic Layup Station	Upkeep of layup area and assisting in RFID placement	1	3		One in each shift	0	3	0	0	3
3	Bus-bar Preparation	Transportation of material, cutting, bending and segregation. Feeding bussing lines. Cleaning and upkeep of the area.	2	2		In-general shift	1	0	1	0	2
4	Bussing Station	Assistance in bussing operation by way of transportation of cut & bend bus bars, solder inputs, segregation and sorting of rejected strings / panels, cleaning and upkeep of bussing area.	24	72		Skilled technicians - preferably electronic mechanics, electricians.	0	0	72	0	72
5	Module Laminator	Placement of inspected pre laminate sheet on laminator input - observation and periodic cleaning of spilled EVA, cleaning and upkeep of laminator and surroundings.	2	6		Two in each shift	0	6	0	0	6
Total Manpower requirement per day							1	9	89	3	102