

ITEM/TAB	INFORMATION TAB	INFORMATION/ SUB-TAB	
Fabrication Units (For each unit)	Facilities including details of Machinery & plants as Applicable (Brief Description and Photographs)	Template Layout Area	161x68 Mtrs
		Fabrication Shop: - Cutting, Drilling, Welding, Straightening, End Milling	161x150 Mtrs
		Blasting shop	82x40 Mtrs
		Metallizing & Painting Shop	82x52 Mtr
		Assembly area	161x48 Mtr
		Stacking Area	123x30 Mtr
		Other Facility/area/shop-store/office- Overall	28,760.884 SQM / 7.11 acres.
Fabrication Units (For each unit)	Address	Factory Address : Satec Envir Engineering (I) Pvt. Ltd. Survey No. 189/2, 190/2, 189/3, 184/185, Bhuj - Bhachau Road, Village Kanaiyabe, Kachchh, Gujarat - 370 020.	
Fabrication Units (For each unit)	Facilities including details of Machinery & plants as Applicable (Brief Description and Photographs)	*Stacking Area. 	
Fabrication Units (For each unit)	Facilities including details of Machinery & plants as Applicable	*Template Layout Area	

ITEM/TAB	INFORMATION TAB	INFORMATION/ SUB-TAB
	(Brief Description and Photographs)	
Fabrication Units (For each unit)	* Fabrication Shop :- Cutting, Drilling, Welding, Straightening, End Milling 1.Pug Cutting Machine - Used for flame cutting of MS plates and structural steel. The pug cutting machine ensures accurate straight-line and profile cutting of plates required for bridge girders, gusset plates, stiffeners, and other fabricated components. It improves cutting efficiency while maintaining dimensional accuracy.	

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Fabrication Units (For each unit)	2. CNC Cutting Machine. The CNC cutting machine is utilized for high-precision cutting of MS plates with complex profiles. It ensures uniformity, repeatability, and reduced material wastage. This machine is ideal for producing intricate components used in bridge fabrication as per approved drawings.	
Fabrication Units (For each unit)	3. CNC Drilling Machine Used for precise drilling of bolt holes in plates, angles, channels, and girders. CNC drilling ensures exact hole alignment, spacing, and tolerance, which is critical for proper fit-up during site erection.	

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Fabrication Units (For each unit)	4. Hydraulic Shearing Machine Hydraulic Shearing Machine is used for precise cutting/shearing of steel plates and sheets to the required dimensions. The machine operates hydraulically and provides accurate, straight-line cutting with controlled blade clearance and back-gauge arrangement. It is suitable for plate preparation and fabrication work in structural steel manufacturing.	
Fabrication Units (For each unit)	5. Auto Straightening Beam & Milling Machine An automated machine used for straightening and correcting distortion or deformation in structural steel beams and fabricated members. It ensures accurate alignment, straightness, and dimensional stability, improving the quality and fit-up of structural components during fabrication and erection.	

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Fabrication Units (For each unit)	6. SAW Welding Machine – Manual & Automatic Submerged Arc Welding (SAW) machines used for high-quality welding of structural steel components, beams, columns, and built-up sections. Manual and automatic modes provide flexibility for different fabrication requirements while ensuring consistent weld quality, penetration, and productivity.	
Fabrication Units (For each unit)	7. 4-Torch Automatic MIG Welding Machine An automated Multi-Torch MIG welding machine used for high-speed and consistent welding of structural steel components, beams, columns, and built-up sections. The four-torch configuration enables simultaneous welding at multiple locations, ensuring uniform weld quality, accurate alignment, and improved fabrication productivity.	

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Fabrication Units (For each unit)	8. MIG Welding Machine A welding machine used for joining structural steel components through the Metal Inert Gas (MIG) welding process. It provides continuous wire feeding and shielding gas protection, ensuring efficient welding, consistent weld quality, and good productivity in fabrication work.	
Fabrication Units (For each unit)	9. H-Beam Welding Machine A specialized automatic welding machine used for fabrication of H-beams by joining flanges and web plates. It ensures accurate alignment, uniform weld penetration, consistent weld quality, and high production efficiency for structural steel fabrication	

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Fabrication Units (For each unit)	10. Magnetic Core Drilling Machine A precision cutting machine used for cutting and preparing magnetic core materials, particularly electrical steel sheets, with accurate dimensions and minimal material wastage. It ensures consistent cutting quality and proper fit-up of core components during fabrication.	 The image shows a magnetic core drilling machine with a red motor and a black frame. It is mounted on a metal plate and is in the process of drilling a hole. The machine has a hand crank and a control panel with a red and green button. The background shows a workshop environment with other metal parts and equipment.
Fabrication Units (For each unit)	11. Manual Punching Machine A manually operated machine used for punching holes in structural steel plates, angles, channels, and other fabricated components. It provides efficient and accurate hole punching for various fabrication and assembly requirements.	 The image shows a large industrial workshop with a high ceiling and many lights. In the foreground, there is a row of manual punching machines, which are green and blue. These machines are used for punching holes in metal plates. The background shows other industrial equipment and workers in the distance.

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Fabrication Units (For each unit)	12. Copper Slag Blasting. A surface preparation system used for abrasive blasting of structural steel components using copper slag. It effectively removes rust, mill scale, old paint, and other contaminants, providing a clean and suitably roughened surface for subsequent painting or protective coating applications.	
Fabrication Units (For each unit)	13. Air Spray Painting & Metalizing A surface protection system used for applying protective coatings to structural steel components. Air spray painting provides uniform application of primer and finishing coats, while metalizing applies a protective metallic coating, such as zinc or aluminum, to enhance corrosion resistance and durability.	

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Fabrication Units (For each unit)	14. . Mobile Cranes Heavy-duty mobile lifting equipment used for the loading, unloading, shifting, and erection of structural steel components at the fabrication yard and construction site. Mobile cranes provide flexible lifting and handling of beams, columns, plates, and other heavy fabricated members.	
Fabrication Units (For each unit)	15. Overhead Lifting Crane A fixed lifting system used for handling, loading, unloading, and movement of heavy structural steel components within the fabrication workshop. It enables safe and efficient lifting of beams, columns, plates, and other fabricated members, improving material handling and production efficiency.	