Construction of Steel Platform on Existing Abended Piles alongside MD-01 (Liquid Jetty) at APM Terminals Pipavav					
Bill of Quantity					
Sr No.	**Item Description**	**Unit**	**Qty**	**Unit Rate (INR)**	**Amount (INR)**
I	**Pile Chipping and Built up**				
1	Breaking of concrete & cutting of rebar of existing piles of 1.22m dia from +5.05m CD to +4.90m CD at all heights including disposal of debris, cleaning the surface with suitable tools & tackles, all men and machinery, safety PPEs, structural access, staging and scaffolding etc. all complete as directed by Engineer In charge	Nos	4.000		
2	Providing, supplying, fabricating and delivery to Site cylindrical liners made from MS plates of following thickness. (Quantity payable shall be from the bottom of length up to pile cut-off level including shoes, stiffeners, lifting hooks etc all complete). for 1.22m dia piles with suitable tools & tackles, all men and machinery, safety PPEs, structural access, staging and scaffolding etc. all complete as directed by Engineer In charge	MT	0.500		
3	Supplying, preparing, transporting, pouring and placing of concrete mix M45 grade in accordance with the Specification in piles using tremie concreting pipe/equivalent from Pile top level +4.90m CD to pile cut-off level +5.20m CD including providing & fixing of necessary formwork, compaction, finishing, curing, Safety PPEs, structural access, staging and scaffolding etc. complete all as shown in drawing or as directed by engineer in charge. Min. Cement Content 400kg/cum. Approved Cement Ultratech, Binani and Ambuja with using yellow sand	Cum	2.106		
II	**Supply and Installation of Steel platforms**				
1	**Steel platform -** Fabrication, supply and installation of Steel platform of size 6.0m x 6.0m as per the drawing & specification (Structural steelwork including marine grade painted accordance with the specification unless noted otherwise. Gratings and grating fixings to be hot dip galvanized and fixings/bearings, clamps, suitable anchorages, grating etc. and including provision of earthing continuity structural access, staging and scaffolding and construction joints to the satisfaction of the Engineer complete as per the direction of the Engineer-in-charge.	MT	6.000		
2	**Walkway platform** - Fabrication, supply and installation of Walkway platform of size 1.3m x 16.0m as per the drawing & specification Structural steel work including marine grade painted accordance with the specification unless noted otherwise. Gratings and grating fixings to be hot dip galvanized and fixings/bearings, clamps, suitable anchorages, grating etc. and drawings including and handrailing, fixings/bearings, grating etc. and including provision of earthing continuity between handrails structural access, staging and scaffolding and construction joints to the satisfaction of the Engineer complete as per the direction of the Engineer-in-charge.	MT	2.000		
				Total Amount (NR)	**-**
				(+) 9% SGST	-
				(+) 9% CGST	-
				Grand Total Amount (INR)	**-**

Classification: Internal