



Ref. No: KPCL/VSEPL/TT/WO101/JULY-17/2

Date: 30.10.2017

COMPLETION CERTIFICATE

Name of Work : Development of Truck Terminal including road network in Krishnapatnam Port limits- Nellore, A.P.

Contract Reference : W.O. No: KPCL/VSEPL/TT/WO101/JULY-17; dt: 06.10.2017

This is to certify that M/s. Vishwa Samudra Engineering Private Limited(VSE) has been awarded the contract under the above referred Work Order for the Development of about 18 Acres Area comprising of Parking Area and Road Network within the Krishnapatnam Port Limits at a cost of Rs. 16,35,60,750.00 (Rupees Sixteen Crores Thirty Five Lakhs Sixty Thousand Seven Hundred and Fifty Only).

The Scope of work includes formation of Embankment of the entire area, Stabilisation of the top layer by using Cementitious Stabiliser and providing Bitumen Concrete wearing coat for Roads including the construction of Drains.

The following are the list of main works with dates of commencement and dates of completion of each work.

S. No.	Work Description	Length (M)	Width (M)	Area (Sqm)	Date of Commencement	Date of Completion	Remarks
1	Road Network Comprising of Two Lane Roads in Truck Terminal Area for the Movement of Heavy Axle Load Trucks	2540	8	20320	02.08.2017	12.08.2017	With 1 M Shoulders on Either Side to standard camber. Completed Satisfactorily.
2	Truck Parking Area for parking of trucks	-	-	52000	10.08.2017	25.10.2017	Completed Satisfactorily.

The work was satisfactorily completed within the stipulated period of time by using special Equipment like Recycler, Cement Spreader, Stabiliser Spreader, Vibratory Roller etc.

Handwritten signature and date: 30/10

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After completion of both these works, 22 core samples were collected. Out of the 22 core samples, 11 samples were sent to NIT, Warangal and 11 core samples were sent to KDM Engineers(India) Private Limited which is a NABL Accredited agency for Laboratory testing.

The test results have been obtained from NIT, Warangal and KDM Engineers(India) Private Limited and they are ranging from 45.4 kg/cm² to 130 kg/cm².

The Water absorption of these samples is ranging from 0.5 % to 9%.

These samples were tested for comparing the results with IRC 37- 2012 specifications for cemented base courses.

As per the laboratory reports, the cyclic swelling and shrinkage does not occur in this type of material, as the water absorption is very low and there are no signs of any disintegration of samples when immersed in water for 4 days.

The works executed by M/s Vishwa Samudra Engineering Private Limited are found very satisfactory and KPCL wishes them good success in their future ventures.

For Krishnapatnam Port Company Limited

Authorised Signatory

30/10