LIST OF EQUIPMENT'S :

SR. NO.	Name of equipment's	Nos.	Capacity
1.	Jaw Crusher	1	60 TPH
2.	Hammer Crusher	1	60 TPH
3.	Weigh Feeders	5	10 to 40 TPH
4.	Raw Mill	1	50 TPH
5.	Raw Mill Classifier	1	Suitable for 50 TPH R/Mill
6.	Blending Silo	2	200 MT Each
7.	Storage Silo (Raw Mix)	1	1000 MT
8.	VSK Kiln	2	250 TPD
9.	Jaw Crusher	1	40 TPH
10.	Cement Mill	1	25 TPH
11.	Cement Classifier	1	Suitable for 25 TPH C/Mill
12.	Cement Silo	1	750 MT
13.	Packing Plant	1	50 TPH

Proposed changes due to change in technology from Rotary Kiln to Vertical Shaft Kiln for production of 500 TPD clinker and 500 TPD Cement grinding (closed circuit):

No.	Particulars	As per EC dated 30/03/2017 based on Rotary kiln technology	Proposed due to change in technology from Rotary to VSK	Remark
1.	Land	2.68 ha	2.68 ha	No change
2.	Project Cost	Rs. 148.5 Crores	Rs. 76 Crores	Cost is reduced as civil cost in case of VSK based cement plant is less.
3.	Capital cost of EPCM	Rs. 5.02 Crores	Rs. 3.2 Crores	Cost is reduced
4.	Recurring cost of EPCM	Rs. 0.74 Crores	Rs. 0.5 Crores	
5.	Cost of ECR	Rs. 3.72 Crores	Rs. 1.52 Crores	
6.	Water	17.6 KLD	124 KLD	Increase in water consumption.
7.	Power	3600 KW	3600 KW	No change
8.	Waste generation			
a.	Used/Spent oil	20 Lit/month	20 Lit/month	No change.
b.	Discarded bags	30,000 Nos./Month	30,000 Nos./Month	No change.
9.	Man power	110 Nos.	110 Nos.	No change.
10.	D. G. Set	2 x 600 kVA & 1 x 250 kVA	2 x 600 kVA & 1 x 250 kVA	No Change in D G set nos.
11.	Fuel			
a.	Coal	80 MT/Day	Not required	Coal will not be used.
b.	Coke Breeze	Not required	102 MT/Day	Coke breeze will be used in VSK.
c.	Diesel	100 Lit/hr	100 Lit/hr	No change.
12	Raw Material Requirement			
a.	Limestone	520 MT/Day	628 MT/Day	Increase in requirement
b.	Clay	60 MT/Day	110 MT/Day	
c.	Iron Dust	6.67 MT/Day	10 MT/Day	
d.	Fly Ash/Slag	96 MT/Day	80 MT/Day	Decrease in requirement
e.	Gypsum	12 MT/Day	8 MT/Day	