CONSTRUCTION OF 1670 MT CAPACITY FCI GODOWN AT AALO,A.P STATE						
BOQ For RR MASONARY RETAINING WALL						ANNEXURE XIII
A	BASED ON CPWD DSR 2016 RATES					
SL. NO.	DESCRIPTION OF ITEM	Qty.	UNIT	Rate	Amount (Rs.)	DSR NO.
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.					
a)	All kinds of soil.	127.50	Cum	166.40	21216.0	2.8.1
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in wateriing, lead upto to 50m and lift upto 1.5m	63.75	Cum	125.75	8016.6	2.25
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level					
a)	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	10.50	cum	4478.15	47020.58	4.1.8
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thicknes) including attached pilasters, columns, piers, abutments,pillars, posts,struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor, plain window sills, fillets etc. up to floor five level, excluding the cost of centering, shuttering and finishing:					
a)	1:2:4 (1 Cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1.69	Cum	6547.70	11065.61	4.2.3

5	Random rubble masonary with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at plinth level					
	Cement mortar 1:6 (1 cement : 6 coarse sand)	169.26	Cum	3965.85	671239.9	7.1
6	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)	150.00	sqm	168.45	25267.5	13.33.1
	Flush/ Ruled pointing					
7	Providing and fixing unplasticised PVC Pipes conforming to is 13592 75 mm dia	105.00	metre	148.75	15618.8	12.41
	TOTAL A				**799444.9**	