

GOVERNMENT OF GOA
SD III (QC) , WRD, GOGAL, MARGAO- GOA.

NAME OF THE WORK: Construction of Retaining wall on LHS to protect the river bank in Survey No. 14/ 14 at Shishegal in V.P. Poinguinim of Canacona Taluka.

SAMPLE SENT BY: AE, SD I, WD XI, WRD, Canacona- Goa.

NAME OF THE AGENCY				TESTING PERIOD			07 days.		
REPORT NO	SAMPLE NOS.	CASTING DATE	TESTING DATE	LOCATION OF SAMPLE	MIX PROPORTION	REQUIRED STRENGTH	Comp sth in Kg/cm ²	Avg. Comp Kg/cm ²	LETTER No / DATED
1.1	1142						84.44		No. WRD/ WD XI/ SD I/ F.169/197/2020-21. DATED: 19-01-2021
	1143	12/1/2021	19-01-2021	foundation of Retaining	1.3.6	70 kg/cm ²	84.44	85.92	
	1144			Ch. 0.00 to 10.00 mt			88.89		
1.2	1145						88.89		
	1146	12/1/2021	19-01-2021	foundation of Retaining	1.3.6	70 kg/cm ²	88.89	87.41	do
	1147			Ch. 0.00 to 10.00 mt			84.44		
2.1	1148						71.11		
	1149	13-01-2021	20-01-2021	Foundation of Retaining	1.3.6	70 kg/cm ²	71.11	72.59	do
	1150			Ch. 10.00 to 20.00 mt			75.56		
2.2	1151						75.56		
	1152	13-01-2021	20-01-2021	Foundation of Retaining	1.3.6	70 kg/cm ²	75.56	74.08	do
	1153			Ch. 10.00 to 20.00 mt			71.11		
3.1	1154						75.56		
	1155	14-01-2021	21-01-2021	Foundation of Retaining	1.3.6	70 kg/cm ²	75.56	77.04	do
	1156			Ch. 20.00 to 30.00 mt			80.00		
3.2	1157						75.56		
	1158	14-01-2021	21-01-2021	Foundation of Retaining	1.3.6	70 kg/cm ²	80.00	77.04	do
	1159			Ch. 20.00 to 30.00 mt			75.56		
4.1	1160						75.56		
	1161	15-01-2021	22-01-2021	Foundation of Retaining	1.3.6	70 kg/cm ²	80.00	77.04	do
	1162			Ch. 30.00 to 40.00 mt			75.56		
4.2	1163						80.00		
	1164	15-01-2021	22-01-2021	Foundation of Retaining	1.3.6	70 kg/cm ²	80.00	78.52	do
	1165			Ch. 30.00 to 40.00 mt			75.56		

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5.1	1166						80.00		No. WRD/ WD XI/ SD I/
	1167	16-01-2021	23-01-2021	foundation of Retaining	1.3.6	70 kg/cm2	80.00	78.52	F.169/197/2020-21.
	1168			Ch. 40.00 to 50.00 mt			75.56		DATED: 19-01-2021
5.2	1169						75.56		
	1170	16-01-2021	23-01-2021	foundation of Retaining	1.3.6	70 kg/cm2	80.00	77.04	do
	1171			Ch. 40.00 to 50.00 mt			75.56		
6.1	1370						66.65		No. WRD/ WD XI/ SD I/
	1371	18-01-2021	25-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	75.55	71.10	F.169/206/2020-21.
	1372			Ch. 50.00 to 60.00 mt			71.11		DATED: 25-01-2021
6.2	1373						75.55		
	1374	18-01-2021	25-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	75.55	74.07	do
	1375			Ch. 50.00 to 60.00 mt			71.11		
7.1	1376						75.56		
	1377	19-01-2021	26-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	71.11	74.08	do
	1378			Ch. 60.00 to 70.00 mt			75.56		
7.2	1379						75.56		
	1380	19-01-2021	26-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	75.56	75.56	do
	1381			Ch. 60.00 to 70.00 mt			75.56		
8.1	1382						71.11		
	1383	20-01-2021	27-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	80.00	77.04	do
	1384			Ch. 70.00 to 80.00 mt			80.00		
8.2	1385						80.00		
	1386	20-01-2021	27-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	80.00	78.52	do
	1387			Ch. 70.00 to 80.00 mt			75.56		

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9.1	1388						80.00		No. WRD/ WD XI/ SD I/ F.169/206/2020-21. DATED: 25-01-2021
	1389	21-01-2021	28-01-2021	foundation of Retaining	1.3.6	70 kg/cm2	84.44	81.48	
	1390			Ch. 80.00 to 90.00 mt			80.00		
9.2	1391						80.00		do
	1392	21-01-2021	28-01-2021	foundation of Retaining	1.3.6	70 kg/cm2	84.44	80.00	
	1393			Ch. 80.00 to 90.00 mt			75.56		
10.1	1394						75.56		do
	1395	22-01-2021	29-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	80.00	78.52	
	1396			Ch. 90.00 to 100.00 mt			80.00		
10.2	1397						75.56		do
	1398	22-01-2021	29-01-2021	Foundation of Retaining	1.3.6	70 kg/cm2	75.56	77.04	
	1399			Ch. 90.00 to 100.00 mt			80.00		
11.1	1592						80.00		No. WRD/ WD XI/ SD I/ F.169/212/2020-21. DATED: 30-01-2021
	1593	24-01-2021	31-01-2021	Foundation of Retaining . 100.00 to 107.00	1.3.6	70 kg/cm2	84.44	81.48	
	1594			mt & Key wall foundation			80.00		
11.2	1595						80.00		do
	1596	24-01-2021	31-01-2021	Foundation of Retaining . 100.00 to 107.00	1.3.6	70 kg/cm2	84.44	80.00	
	1597			mt & Key wall foundation			75.56		
12.1	1598						120.00		do
	1599	25-01-2021	1/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	124.44	122.96	
	1600			Ch. 0.00 to 20.00 mt			124.44		
12.2	1601						124.44		do
	1602	25-01-2021	1/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	120.00	122.96	
	1603			Ch. 0.00 to 20.00 mt			124.44		

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REPORT NO	SAMPLE NOS.	CASTING DATE	TESTING DATE	LOCATION OF SAMPLE	MIX PROPOTION	REQUIRED STRENGTH	Comp sth in Kg/cm2	Avg. Comp Kg/cm2	LETTER No / DATED
13.1	1604						120.00		No. WRD/ WD XI/ SD I/ F.169/212/2020-21. DATED: 30-01-2021
	1605	26-01-2021	2/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	124.44	122.96	
	1606			Ch. 20.00 to 40.00 mt			124.44		
13.2	1607						120.00		do
	1608	26-01-2021	2/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	120.00	118.52	
	1609			Ch. 20.00 to 40.00 mt			115.56		
14.1	1610						120.00		do
	1611	27-01-2021	3/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	120.00	120.00	
	1612			Ch. 40.00 to 60.00 mt			120.00		
14.2	1613						115.56		do
	1614	27-01-2021	3/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	120.00	117.04	
	1615			Ch. 40.00 to 60.00 mt			115.56		
15.1	1616						120.00		do
	1617	28-01-2021	4/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	118.52	
	1618			Ch. 60.00 to 80.00 mt			120.00		
15.2	1619						115.56		do
	1620	28-01-2021	4/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	117.04	
	1621			Ch. 60.00 to 80.00 mt			120.00		
16.1	1622						115.56		do
	1623	29-01-2021	5/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	120.00	117.04	
	1624			Ch. 80.00 to 100.00 mt			115.56		
16.2	1625						120.00		do
	1626	29-01-2021	5/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	115.56	
	1627			Ch. 80.00 to 100.00 mt			111.11		

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17.1	1628						115.56		No. WRD/ WD XI/ SD I/
	1629	30-01-2021	6/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	114.08	F.169/212/2020-21.
	1630			Ch. 100.00 to 107.00 mt and Key wall			111.11		DATED: 30-01-2021
17.2	1631						111.11		
	1632	30-01-2021	6/2/2021	1st Lift of Retaining wall	1.2.4	100 kg/cm2	111.11	112.59	do
	1633			Ch. 100.00 to 107.00 mt and Key wall			115.56		
18.1	2030						106.67		No. WRD/ WD XI/ SD I/
	2031	2/2/2021	9/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm2	111.11	108.15	F.169/222/2020-21.
	2032			Ch. 0.00 to 25.00 mt			106.67		DATED: 09-02-2021
18.2	2033						111.11		
	2034	2/2/2021	9/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm2	111.11	109.63	do
	2035			Ch. 0.00 to 25.00 mt			106.67		
19.1	2036						111.11		
	2037	3/2/2021	10/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm2	106.67	108.15	do
	2038			Ch. 25.00 to 50.00 mt			106.67		
19.2	2039						111.11		
	2040	3/2/2021	10/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm2	106.67	109.63	do
	2041			Ch. 25.00 to 50.00 mt			111.11		
20.1	2042						120.00		
	2043	4/2/2021	11/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm2	120.00	118.52	do
	2044			Ch. 50.00 to 70.00 mt			115.56		
20.2	2045						115.56		
	2046	4/2/2021	11/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	115.56	do
	2047			Ch. 50.00 to 70.00 mt			115.56		

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21.1	2048						102.22		No. WRD/ WD XI/ SD I/ F.169/222/2020-21. DATED: 09-02-2021
	2049	5/2/2021	12/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm ²	106.67	106.67	
	2050			Ch. 75.00 to 90.00 mt			111.11		
21.2	2051						106.67		do
	2052	5/2/2021	12/2/2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm ²	106.67	108.15	
	2053			Ch. 75.00 to 90.00 mt			111.11		
22.1	2054						111.11		do
	2055	7/2/2021	14-02-2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm ²	115.56	114.08	
	2056			Ch. 90.00 to 107.00 mt and Key wall			115.56		
22.2	2057						115.56		do
	2058	7/2/2021	14-02-2021	2nd Lift of Retaining wall	1.2.4	100 kg/cm ²	115.56	117.04	
	2059			Ch. 90.00 to 107.00 mt and Key wall			120.00		
23.1	2252						102.22		No. WRD/ WD XI/ SD I/ F.169/229/2020-21. DATED: 19-02-2021
	2253	12/2/2021	19-02-2021	3rd Lift of Retaining wall	1.2.4	100 kg/cm ²	106.67	106.67	
	2254			Ch. 0.00 to 35.00 mt			111.11		
23.2	2255						106.67		do
	2256	12/2/2021	19-02-2021	3rd Lift of Retaining wall	1.2.4	100 kg/cm ²	106.67	108.15	
	2257			Ch. 0.00 to 35.00 mt			111.11		
24.1	2258						111.11		do
	2259	13-02-2021	20-02-2021	3rd Lift of Retaining wall	1.2.4	100 kg/cm ²	115.56	114.08	
	2260			Ch. 35.00 to 70.00 mt			115.56		
24.2	2261						115.56		do
	2262	13-02-2021	20-02-2021	3rd Lift of Retaining wall	1.2.4	100 kg/cm ²	115.56	117.04	
	2263			Ch. 35.00 to 70.00 mt			120.00		

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25.1	2264						164.44		No. WRD/ WD XI/ SD I/
	2265	14-02-2021	21-02-2021	3rd Lift of Retaining wall	1.2.4	100 kg/cm2	164.44	162.96	F.169/229/2020-21.
	2266			Ch. 70.00 to 100.00 mt			160.00		DATED: 19-02-2021
25.2	2267						160.00		
	2268	14-02-2021	21-02-2021	3rd Lift of Retaining wall	1.2.4	100 kg/cm2	160.00	161.48	do
	2269			Ch. 70.00 to 100.00 mt			164.44		
26	2270						120.00		
	2271	15-02-2021	22-02-2021	3rd Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	118.52	do
	2272			Ch. 100.00 to 107.00 mt			120.00		
27	2624						115.56		No. WRD/ WD XI/ SD I/
	2625	22-02-2021	1/3/2021	4th Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	117.04	F.169/235/2020-21.
	2626			Ch. 0.00 to 40.00 mt			120.00		DATED: 01-03-2021
28	2627						111.11		
	2628	23-02-2021	2/3/2021	4th Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	114.08	do
	2629			Ch. 40.00 to 80.00 mt			115.56		
29	2630						115.56		
	2631	24-02-2021	3/3/2021	4th Lift of Retaining wall	1.2.4	100 kg/cm2	115.56	117.04	do
	2632			Ch. 80.00 to 107.00 mt and Key wall			120.00		

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