

**Name of Work: Constructing RCC Road & Comp. Wall @ Yuvak Mandal Faliya, For Songadh Nagar Palika, Songadh Dist. Tapi. (2nd Trial).**

### ***TEST SCHEDULE***

Sr. No.	Materials	Name of Laboratory Test	Frequency of Test	Remarks
1	2	4	5	8
1	Agg. 40 mm (for road work) (a) H.B.Metal 25 to 90 mm (b) H.B.Metal 40 to 63 mm (c) M. C. Metal 40 to 63 mm (d) C.S.Metal for BUSG (e) Key Aggrigate for BUSG (f) Quarry Spaul	(1) Gradation (2) Flakness (3) Impact (4) Abration (5) Crushing Strength	Up to 100 Cum      1- Test 101 to 500 Cum      3-Test 501 to 1500 Cum      5-Test 1501 to 5000 Cum      7-Test Minimum one Test  for one work.	
2	EARTHWORK FOR EMBANKMENT	1. Density Test (IS. 2720 Part VII) 2. Moisture contant (IS. 2720 Part II) 3. Sand Content (IS : 2720 Part-IV) 4. Plasticity Test (IS : 2720 Part-V)	One Test per Every 250 Cum. of Soil One Test per Every 250 Cum. of Soil Two Test per 8000 Cum. of Soil Each type to be tested. Two Test per 8000 Cum. of Soil.	
3	CEMENT	1. Consistency Test 2. Setting time 3. Compressive strength 4. Soundness 5. Specific gravity 6. Fineness	1 Sample of 15 Kg Per 50 Mt. 2 Sample 100 MT 3 Per 200 MT 4 Per 300 MT 5 Per 600 MT 6 Per 800 MT 7 Per 1300 MT	As per receipt of materials in store collect 15 Kg. sample from 20 bags in consignment of M.T. 1. Test 50 M.T. 2 Test 100 M.T. 3 Test 200 M.T.

Sr. No.	Materials	Name of Laboratory Test	Frequency of Test	Remarks
1	2	4	5	8
4	SAND	1. Fineness Modulus 2. Specific Gravity 3. Water absorption 4. Alkali reaction 5. Silt content 6. Gradation	1 Test per working seasons. per Quarry / River	
5	CRUSHED STONE AGGR. FOR CONCRETE WORK	1. Gradation 2. Water absorption 3. Impact value 4. Absorption 5. Specific Gravity 6. Soundness 7. Flakiness	One Test for season Upto 100 Cum      1 Test 101 to 500          3 Test 501 to 1500        5 Test 1501 to 5000       7 Test	
6	C.C. Cube (a) M-100 (b) M-150 (c) M-200 (d) M-250 (e) M-300	1. Compressive Strength (7 Days & 28 Days)	1 to 5 Cum      -1 No 6 to 15 Cum     -2 No 16 to 30 Cum    -3 No 31 to 50 Cum    - 4 No 51 & above      - 4+1 No (For each additional 50M <sup>3</sup> or part there of)	51 above and one additional sample for 50 Cum.
7	WATER	1. Potability test 2. Chemical analysis. 3. Salinity	1 Test during execution & as required 1 Test Source of water	
8	(a) Mild Steel  (b) HYSD  (c) TMT Steel	1. Yield Elongation Test IS : 1608 1972 2. Bent Test IS : 1590 196 3. Releaved (In case of HYSD bars only)	1 per 40 M.T.  1 per 20 M.T.  1 per 20 M.T.	If consignment is less than specification in column.

Sr. No.	Materials	Name of Laboratory Test	Frequency of Test	Remarks
1	2	4	5	8
9	<b>1. Carpet &amp; Seal Coat</b> 1. Crushed Aggr Crushed Aggr 2. Seal coat Grit  3. Asphalt	1. Aggregate impact value 2. Flakiness index 3. Gradation 4. Abrasion 5. Stripping value and water absorption 6. Crushing strength 7. Temperature of binder 8. Binder contents 9. Gradation at Plant site 10. Rate of Spreading of materials  11. Quality of binder (Asphalt)  For tack coat 1 - Binder tempature 2 - Rate of Spreading of binder	Up to 100 Cum - 1 Test 101 to 500 Cum - 3 Test 501 to 1500 Cum - 5 Test 1500 to 5000 Cum - 7 Test  At regular interval Two test per day per plant Two test per day per plant Regular control throughly at joint on materials and layer thickness  <b>No. of Tanker      No. of Test</b> 1 to 10                      1 11 to 20                     2 21 to 50                     3 51 to 100                    4 Above 100                 1 Test per Each 50 Tanker  At regular close interval Two test per day	
10	Murum	P.I. Value	One test per / 50 cmt	

*Signature of Contractor*

**Chief Officer**  
**Songadh Nagar Palika**