

**Name of work :- Construction of Anganvadi No. 37 Building at village Ranjitpur . Ta. Kalyanpur Dist. Devbhoomi Dwarka.**

### TEST SCHEDULE

Sr. No.	Description of Item No.	Materials to be tested	Name of Laboratory Test	Test required	Total Nos. of Tests	Remarks
1	2	3	4	5	6	7
1	All Items	Water	(1) Potability (2) Salinity (3) Chemical Analysis	1 test for each Source of supply per Season	1 No. or more as required	
2	Cement use for all item	Cement	(1) Consistency Test (2) Setting time (3) Compressive Strength (4) Soundness (5) Specific gravity (6) Chemical analysis (7) Fineness Test	up to 50 MT - 1 test 50 to 100MT - 2 test 100 to 200MT - 3 test 200 to 300MT - 4 test 300 to 500MT - 5 test 500 to 800MT - 6 test 800 to 1300MT - 7 test	As per material receipt on site. Minimum one Test for Consignment of 50 M.T. or Part thereof or change of brand / manufacturer.	As per material receipt on site. Min. One sample (15 Kg.) from 20 bags in consignment of 50 MT or change of brand / manufacturer.
3	Sand for all items pertaining to sand	Sand	(1) Fineness Modulus (2) Specific gravity (3) Clay and Fine silt content (4) Water absorption (5) Abrasion test (6) Gradation Test	1 Test per Working season or change of river / source and per 150 Cum.	As required during execution of work	
4	Providing & laying C.C. 1:3:6	C.S. Metal 40mm nominal size	(1) Water absorption (2) Specific gravity (3) Flakiness Index (4) Impact value (5) Gradation test (6) Abrasion test (7) Finess	1 Test for working season and change of quarry per 150 Cum.	1 No. or as required during execution.	

1	2	3	4	5	6	7
5	Crushed Metal for all Item pertaining for C.S. Metal	12 to 20mm 10 to 12mm 6 to 10mm	(1) Specific gravity (2) Water absorption (3) Flakiness Index (4) Impact value (5) Abrasion test (6) Gradation test (7) Crushing Strength (8) Soundness Test	1 Test for working season for C.C. or R.C.C. Work and change of quarry per 150 Cum.	1 No. or More as required	
6	C.C. 1:2:4 C.C. 1:1.5:3 (Cement Concrete)	C.C. Cube	(1) Compressive strength @ 7 and 28 days	Sample of cubes for concrete done 1 to 5 Cum 6 to 15 Cum 16 to 30 Cum 31 to 50 Cum 51 to onward		A sample contain 6 Nos. of CC cubes i.e. 3 Nos. for 7 days and 3 Nos. for 28 days.
7	White stone bela masonry	Bela	One sample for 5000 Nos. or change of manufacturer.	1.00 Nos or more as required		
8	T.M.T. Steel Bar	TMT Steel	1) Tensile strength 2) Elongation 3) Bend and Rebend Test 4) Yield Stress 5) Dimension Test	One test per 40 M.T. of each category supplied on site & change of brand minimum one test for each consignment and every categories	As required during execution	
9	Vitrified Tiles	Vitrified Tiles	1) Breaking strength 2) Water absorption 3) Thickness 4) Dimention tolerance 5) Surface quality 6) Chemical resistance	1 Test for Approval for each lot supplied	Minimum 1 Test or more as required	

1	2	3	4	5	6	7
10	Pre-cast Rubber Dye inter locking concrete block	Concrete block	1) Compressive strength 2) Dimension test	1 Test for Approval for each lot supplied	Minimum 1 Test or more as required	

**Note: One Percent of estimated amount put to tender will be recovered from the contractor's bill for testing charges. The Testing material shall be provided by the contractor at free of cost on laboratory site.**

**Signature of Contractor**

**Deputy Executive Engineer  
R & B Panchayat Sub-Division  
Dwarka**

**Executive Engineer  
R & B Panchayat Division Devbhoomi Dwarka  
Khambhaliya**