



KARNATAKA RURAL INFRASTRUCTURE DEVELOPMENT LIMITED
(FORMERLY KARNATAKA LAND ARMY CORPORATION LIMITED)
"GRAMEENABHIVRUDDHI BHAVAN", 4TH & 5TH FLOOR, ANANDA RAO CIRCLE,
BANGALORE – 560 009

Annexure - 1
Format 1 - Part 1

FOR BUILDING WORKS

PART-I WORK INFORMATION - (TO BE FILLED-UP BY PROJECT)

Work is

Ongoing

Completed

1. GENERAL:

1. Date of Inspection:

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2. Name of District/ State Quality Monitor :

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3. District:

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Taluk:

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4. Work code:

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5. Name of work:

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6. Technically Sanctioned Date & Amount:

No.	Dt:	Rs.	Lakhs
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7. Adm. Approval Date & Amount:

No.	Dt:	Rs.	Lakhs
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8. Date of Commencement:

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9. Stipulated Date of Completion:

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10. Actual Date of Completion (if work is completed):

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1. STAGE OF WORK:

Stage of work	Financial progress	Remarks / Reasons for delay in construction (if any)

2. QUALITY CONTROL:

1. Location of Field Laboratory (if any) :

2. Quality Control Register Part-I is maintained by : _____ JE/AE

3. Quality Control Register Part-II is maintained by : _____ AEE

4. Location of works.....

3. INSPECTIONS BY DQM/SQM AND ACTION TAKEN:

Sl. No	Date of Inspection	Inspected by	Stage of work at the time of Inspection	Whether observations have been attended to Y/N	Date of submission of compliance

4. SUITABILITY TESTS CONDUCTED ON MATERIAL PRIOR TO CONSTRUCTION

Sl. No	Item of Work	Type of Test	Test conducted Y/N	Test reports enclosed Y/N	Remarks
1.	Foundation	a. SBC of Soil.....kN/m ²			
		b. Min. Depth of Excavation.....(m)			
2.	Materials (Tests for relevant properties of all materials as per Standards)	a. Cement: (OPC/PPC grade)...53/43/33			
		b. Setting time			
		c. Soundness			
		d. Steel:Grade :Fe415/500/550			
		e. Coarse/Fine aggregates			
		f. Metal:20mm/40mm/100mm			
		g. Stones/Rubble			
		h. Bricks i. Solid block/Size8"/6"/4"			
j. Flooring/Stone/Tiles					
	k. Joineries				
3	Mixed design of concrete	Mixed design of concrete for M20/ M25/ M30			
4.	Concrete Work	a. Plinth beam/roof beam...M20/M25/M30			
		b. Columns(M20/M25/M30)			
		c. Staircase/lintel etc...(M20/M25/M3)			
		d. Roof slab (M20.M25/M30)			

5.	Superstructure For BBM/SBM/SSM	1. Shape and dimension of bricks/stone/blocks			
		2. Water absorption			
		3. Dressing of stones			
		4. Compressive strength of mortar cubes			
		5. Gradation of sand			
		6. Deleterious materials and organic impurities			
6.	Finishing work	a. Plastering (CM1:3/1:4/1:6/1:8) b. strength of mortar cubes			
7.	Flooring Work	a. Flooring			
		b. dadoing			
8.	Electrification work	a) Electrical cable type 1.5/2.5/4.00/6.00 etc... ISI Mark			
		b) Brand Switches & sockets ISI Mark			
		c) Brand Distribution board			
		d) Brand Lighting fixtures ISI Mark			
		e) Brand Submersible pump ISI Mark			
		f) Earthing			
		g) Cable termination LT power & control			
9.	Water Supply & Sanitation	Diameter of pipe GI/PV/UPVC/other			
		* Brand material for WC pans/water supply materials			
		* Diameter/ Thickness of pipes SWR/PVC for sanitary			
10.	Non destructive test conducted (if any)	a) Rebound hammer test			
		b) Ultrasonic pulse velocity			
		c) Other tests			

AE/JE

Date

ASSISTANT EXECUTIVE ENGINEER



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Format 1 - Part II

REPORT OF DISTRICT QUALITY MONITOR (DQM)/STATE QUALITY MONITOR (SQM)
FOR BUILDING WORKS

PART-II- Observations of DQM/SQM for Ongoing/Completed Work
(To be filled-Up by DQM/SQM, use additional sheets, if required)

Stage of Work :
(Tick only one appropriate box)

I	Foundation/basement and plinth is in progress.
II	Superstructure/roof is in progress.
III	Finishing Work is nearing completion

1. **QUALITY ARRANGEMENTS AND ATTENTION TO QUALITY: For all stages of Work - (Visual observations) :**
a. Field test

#	Visual observations	Remarks

2. **Observations about Mandatory Tests:**

#	Item of work executed	Total number of Mandatory QC tests required	Total number of Test conducted by the agency	Name of the Test conducted by DQM at a designed location	Result of the test conducted by DQM Pass/Fail	Test result as per Q.C register at the same location (Mention the page No. of Q.C Reg.) Pass/Fail	Whether the test recorded in Q.C register found correct. Y/N

3. Observations - Maintenance of QC Registers (Examination of record and verification of QC Register Part 1 & 2)

#	Based on executed quantities whether all mandatory tests conducted	Whether QC Register Part I maintained properly	Whether QC Register Part II maintained and NCR issued whether necessary
	Yes Partly No	Yes Partly No	Yes Partly No

Grade :

S	RI	U
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 If this item is graded RI/U, write clear reasons a suggestions for improvement.

4. Field tests to be reviewed by DQM/SQM:

#	Item of work executed	GF/FF/SF	Total number of Mandatory QC tests required	Total number of Mandatory QC tests conducted by the agency	Whether quality of the material is acceptable Y/N	Remarks
1	Earthwork excavation					
2	Foundation & Basement					
3	RCC footing, column,					
4	Superstructure					
5	RCC roof, beam					
6	Joineries					
7	Plastering					
8	Flooring					
9	Water supply & Sanitation					
10	Electrification					
11						
12						

Grade :

S	RI	U
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 If this item is graded U, write clear reasons and suggestions for improvement:

5. Observations-Quality of Construction: In all stages

#	Item of work	Dimensions Thickness/wi dth are as per sanctioned estimate	Whether the sizes constructed is acceptable Y/N	Whether quality of the material is acceptable Y/N	Whether quality of workmanship is acceptable Y/N	Remarks
1	Earthwork excavation					
2	Foundation & Basement					
3	RCC footing, column,					
4	Superstructure					
5	RCC roof, beam					
6	Joineries					
7	Plastering					
8	Flooring					
9	Water supply & Sanitation					
10	Electrification					
11						
12						

Observations - Tests reports on mortar or Concrete ingredients, Design mix, Storage of cement and stacking of aggregates, Cement consumption, workability, W/C ratio, Mixing, Transporting, Placing and Compaction, form work, centering scaffolding, Bracing etc., casting of cubes and 28 days strength etc., Honeycombing and finishing, Tests on steel, bending, splicing or welding and placing of reinforcement.

Dressing of stones and its sizes, Height of course, consumption of mortar, line, plumbness, Horizontality and Vertically of course, staggering of joints, Physical tests on stones and bricks, Bond stones, weep holes.

Tests on Hume pipes, alignment and joining of pipes, cushions, backfill material and its compaction, longitudinal slopes, keying of face walls above HFL, Protective works, clearing of valley approach and exit etc.,

Comments about adequacy of face/main walls, wings and retaining walls.

Write comments:

Grade :

S	RI	U
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 If this item is graded U, write clear reasons and suggestions for improvement:

6. General Observations of DQM/SQM (including the observations made during the interaction with PIU staff and Contractor's/Consultant's Engineers) :

6.1 Observations about deficiency in project preparation (Give detailed observations about deficiencies in general items which have been left but are required as per site condition):

- 1.
- 2.
- 3.
- 4.

6.2 Whether the work, has been completed/is in progress as per work programme or the delay has occurred is attributable to the contractor, whether the liquidated damages have been withhold or recovered:

6.3 Clearly offer comments about the action taken on the observations of Departmental Officers, District Quality Monitors and State Quality Monitor.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

6.4 Comments about difference in observations made by DQM/SQM in earlier inspections (the DQM/SQM shall study the earlier inspection reports of DQM/SQM any and offer his clear comments about the differences in observations, in any).

7. Other observations if any:

8. Overall Grading of Work: The overall grading calculated on the basis of item and sub-item wise grading is given below.

Item No.	Sub item for observation	Awarded Grade
1	Earthwork excavation	
2	Foundation & Basement	
3	RCC footing, column,	
4	Superstructure	
5	RCC roof, beam	
6	Joineries	
7	Plastering	
8	Flooring	
9	Water supply & Sanitation	
10	Electrification	
11		
12		
13		
14		
	Overall Grading	

- * S - Satisfactory
- * RI-Required improvement
- * U-Un-satisfactory

Signature :
Name :
Date :