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## 1. BASIC CONTRACT DATA

1	Contract Title	<b>Adi-Arkay-Telemt Design and Build Road Project</b>
2	Funding	The Government of Federal Democratic Republic of Ethiopia, FDRE.
3	Location	Northern Gonder Zone, in Amhara National Regional State.
4	Employer	Ethiopian Roads Authority
5	Contractor	YENCOMAD Construction Plc.,
6	Engineer	Civil Works Consulting Engineers Plc.,
7	Engineer's Representative	Ato Ayele Kerie, Resident Engineer
8	Date of Contract Signature	31.10.2018
9	Date of Commencement	17.01.2019
10	Type of Contract	Design & Build Road Project (DB)
11	Original Contract Price	ETB 1,981,378,049.64 (Including 15% VAT)
12	Road Design Class	DC 4 with Asphalt Concrete surfacing (AC) Standard
	Contract Period	1095 Cal. Days
13	Design Period	6 Months
	Construction period	30 Months
14	Value of Approved Claims	Nil
15	Contract Period(Final)	1095 Cal. Days
16	Currencies and Proportion of Payment	ETB - 100%
17	Minimum Value of Interim Payment Certificate	ETB 5,000,000.00 (Five million Birr)
18	Recovery of Advance	After Certification of 30% of the contract price including effective price adjustments
19	Plant and Materials for Payment when delivered to the site.	Equivalent of fifty percent (50%) of the cost of the plant and materials delivered to the site for incorporation in to the works.
20	Retention Money	5 % of monthly interim payment certificate VAT, till the amount reaches 5 % of Contract Price plus variation.
21	Liquidated Damages for the works	0.10% of the final contract price per day, if there is no completed section already handed over to the Employer. OR 0.10% of the value of the remaining works per day (i.e. value of remaining works equals final contract price less the value of the completed sections already handed over to the Employer).
22	Limit of liquidated damages for delay	10(Ten) percent of the final contract price, if there is no completed section already handed over to the Employer; OR; 10(Ten)% of the value of the remaining works (i.e. value of remaining works equals final contract price less the value of the completed sections already handed over to the Employer).
23	Original Completion Date	14.01.2022
24	Extension of Time	Nil
25	Schedule in %age (as of end of July 2019)	3.41% (ETB 58,685,210.83)
26	Work accomplishment in %age (up to end of this reporting month)	0.40% (ETB 6,821,205.88)
27	Time Elapsed (up to end of this	14.97%

	reporting month)		
28	Slippage	Time Elapsed Vs. Work Accomplished.	-14.57%
		Work Scheduled Vs. Work Accomplished.	-3.01%
29	Final Completion Date		14.01.2022
30	Defects Liability Period		365 Calendar days

## 2. **EXECUTIVE SUMMARY**

This brief project report has covered since from the commencement of the work up to end of July 2019. Since the inception of the project, last January 17, 2019, the progress of works is only 0.40% as compared to 3.41% of the Original Work Program of Clause 4.14. And the total time elapsed to date is 14.97%. Therefore, the progress of works as per the Original Work Program and Elapsed Time to date is lagging behind by -14.57%.

Time elapsed up to the end of the reporting period including design period is 195 calendar days or 14.97 of the Contract time. The Contractor is required to achieve the rate of progress as much as 3% - 5% per month. Now as of July 31<sup>st</sup>, 2019 the Contractor has achieved only 0.40% against planned rate of 3.41% as per the Original Work program.

So far the following activities have been carried out.

### **2.1. Design Works:**

- ✓ Rout selection, approved
- ✓ Design survey completed for the whole project section
- ✓ Soil and material report, provisionally approved (from sta. 0+000 to 17+500)
- ✓ Pavement design report, provisionally approved (from sta. 0+000 to 17+500)
- ✓ Topographic survey report, provisionally approved (from sta. 0+000 to 17+500)
- ✓ Terrain classification, approved (from sta. 0+000 to 17+500)
- ✓ Geometric design, not approved
- ✓ Hydrology report, not approved
- ✓ Structure report, not submitted
- ✓ Construction templates for the first 17.5Km has been submitted to the Engineer for review and approval

### **2.2. Activities and Physical Works performed:**

- ✓ Restoration of Contractor's Camp at Buya town
- ✓ Construction of clearing and grubbing activities from station 8+300 to 11+800
- ✓ Common excavation to stock at two excavation sections (station 9+240 to 9+420 & 10+900 to 11+040).

## **3. BRIEF SCOPE OF WORKS**

The works specified under this contract shall include all general works preparatory to the construction of roads, drainage structures, asphalt pavement and other related works, requisites of any kind necessary for the due and satisfactory execution and maintenance of the project according to the design drawings, Specification, and orders that may be issued by the Engineer from time to time.

The project works comprise of the following major activities:

The tentative quantities of the work to be executed are:

1. Clearing, Grubbing and stripping of construction areas ----- 171 Ha
2. Earthworks ( excavation of soft, intermediate and hard/rock) ----- 4,280,803m<sup>3</sup>
  - 2.1. Soft excavation ----- 549,254.5m<sup>3</sup>
  - 2.2. Intermediate excavation ----- 2,765,603.00m<sup>3</sup>
  - 2.3. Hard excavation ----- 965,946.14m<sup>3</sup>
3. Sub base ----- 160,636.83m<sup>3</sup>
4. Crushed road base ----- 129,540.36m<sup>3</sup>
5. Asphalt concrete work ----- 583,037.70m<sup>2</sup>
6. Drainage structures:
  - 5.1. Bridges ----- no.
  - 5.2. Box/slab culverts ----- no.
  - 5.3. Pipe culverts ----- no.

#### 4. ACTION TO BE TAKEN

The project has prepared a one year action plan as per the requests of the client and the plan has targeted to execute almost 50% percent of the physical works of the project and to reduce part of the slippage that suffers project at this initial stages. Strategically, the project has scheduled to execute the works by organizing three different crews and working zones that are,

- 1) From station 0+000 to 23+000 (from Buya and Km 17 Camps)
- 2) From station 23+000 to 42+300 (from Terenash (main) Camp)
- 3) From station 42+300 to EoP (from Terenash (Main camp), or one advance camp might be established as required @ Adi-Meheret)

Therefore, the following actions must be taken to withstand the project from extra delays and suffering of the project both from time and monetary.

- ✓ The design issues of the first segment, i.e., from station 0+000 to 17+500 must be completed fully and the project has to receive an approved design documents before September, 2019.
- ✓ The Terenash camp rent process, maintenance, and furnishing with the required items should be completed till the end of October 2019.
- ✓ The design preparation and approval of the remaining section of the project, i.e., from station 17+500 to EoP should be completed and delivered before the end of October 2019.
- ✓ All the required recourse of the project, i.e., Manpower, Machineries, and Materials should be supplied as per the schedule and requests of the project.
- ✓ Fuel supply system should be finalizing with the supplier and fuel tankers owner (NKH) both found at Buya and Dejachmeda. Moreover, one fuel tanker at both sites of fuel stations should be supplemented to increase the stocking capacities of both fuel stations to 150,000lit.
- ✓ Aggregate crusher, at least one, with the minimum capacity of 150MT should be mobilized and installed before mid of September 2019.





### 3.1 Restoration of Contractor's Camp at Buya town

