



31 January 2022  
ALCAT/83967

### Rate Agreement for Field and Laboratory Test

Client : M/s Alcat Contracting Company  
P.O. Box 681, Doha, Qatar

Subcontractor : M/s Al Jazeera Engineering Laboratories  
P.O. Box 300 Doha, Qatar

This agreement is made on the 31st day of January 2022 between the Client, M/s Alcat Contracting Company and the Subcontractor, M/s Al Jazeera Engineering Laboratories (JEL).

Both Client and Subcontractor have agreed to the following:

#### **General Conditions:**

1. Rates are based on JEL quotation Ref. QT/JEL/740 R2, dated 30 January 2022. Annexure 1 is an integral part of this agreement for the rates of Testing.
2. The Subcontractor will conduct field and laboratory tests in compliance with QCS 2014 and project specifications.
3. Any test not covered under this agreement will be done through normal procurement process.
4. The Subcontractor has to provide the services after written confirmation from Project Manager / In-charge.
5. This agreement will be governed by Qatari laws and Qatari courts shall have the full jurisdiction to resolve any relating dispute.
6. Duration of agreement: Effective from 1 February 2022 until further notice by either party.

#### **Terms of Payment:**

1. Sixty (60) days after certification of Invoice. Written confirmation from Project Manager / In-charge to be attached with Invoice.

Signed on behalf of Client:

Dr. Hossam Banna  
General Manager



Signed on behalf of Subcontractor:

Mr. Ehab Badawy  
Lab Manager

ALCAT Contracting Co. W.L.L.  
(A Subsidiary of Zad Holding Company Q.P.S.C)  
P.O Box : 681, Doha, Qatar  
Tel: +974 4443 4241, Fax: +974 4441 2872  
Email: info@alcatqatar.com | www.alcatqatar.com  
C.R. No.: 53

شركة زاد المقاولات  
Zad Holding Company

شركة الکات للمقاولات  
ALCAT Contracting Co. W.L.L.  
د/ر ٦٨١، الدوحة، قطر  
+٩٧٤ ٤٤٤٣ ٤٢٤١، فاكس: +٩٧٤ ٤٤٤١ ٢٨٧٢  
بريد الكتروني: info@alcatqatar.com | www.alcatqatar.com  
العنوان: الدوحة، قطر

**"ANNEXURE 1"**

S. No.	Tests Description	Unit	Qty	Amount
	<b>SUBGRADE:</b>			
1	Liquid Limit	Nos.	1	
2	Plasticity Index	Nos.	1	30.00
3	Organic content	Nos.	1	25.00
4	Maximum Dry Density	Nos.	1	80.00
5	Gradation	Nos.	1	25.00
6	California Bearing Ratio & Swell	Nos.	1	150.00
7	Acid soluble Chloride Content	Nos.	1	25.00
8	Acid soluble sulphate content	Nos.	1	25.00
9	In Situ CBR	Nos.	1	220.00
10	Specific Gravity & Water Absorption	Nos.	1	30.00
11	Carbonate Content of Soil	Nos.	1	50.00
12	Uncompacted Void Content	Nos.	1	40.00
13	Platz Lode Test	Nos.	1	275.00
14	Unconfined Compressive Strength- Rock (wet & dry testing including coring)	Nos.	1	135.00
15	FDT by Nuclear Gauge (Min. 2 hrs/visit)	Nos.	1	260.00
16	Above 2 hours	Nos.	1	130.00
17	Above 10 Tests	Nos.	1	Incl. In above
	<b>SUBBASE COARSE:</b>			
1	Liquid Limit	Nos.	1	
2	Plasticity Index	Nos.	1	30.00
3	Sand equivalent	Nos.	1	40.00
4	Organic content	Nos.	1	25.00
5	Fractured Faces	Nos.	1	20.00
6	Flat and Elongated Particles (5:1)	Nos.	1	25.00
7	Loss by Abrasion	Nos.	1	55.00
8	Soundness	Nos.	1	86.00
9	Maximum Dry Density	Nos.	1	80.00
10	Gradation	Nos.	1	25.00
11	California Bearing Ratio & Swell	Nos.	1	70.00
12	Acid soluble Chloride Content	Nos.	1	25.00
13	Acid soluble sulphate content	Nos.	1	25.00
14	In Situ CBR	Nos.	1	220.00
15	Specific Gravity & Water Absorption	Nos.	1	30.00
16	Carbonate Content of Soil	Nos.	1	50.00
17	Uncompacted Void Content	Nos.	1	40.00
18	Platz Lode Test	Nos.	1	275.00
19	Unconfined Compressive Strength- Rock (wet & dry testing including coring)	Nos.	1	135.00
20	FDT by Nuclear Gauge (Min. 2 hrs/visit)	Nos.	1	260.00
21	Above 2 hours	Nos.	1	130.00
22	Above 10 Tests	Nos.	1	Incl. In above
	<b>PRIME &amp; TACK COAT</b>			
1	Rate of application for Prime Coat	Nos.	1	20.00
2	Rate of application for Tack Coat	Nos.	1	20.00
3	Flash Point (Tag Open-Cup) ASTM D3143	Nos.	1	70.00
4	Viscosity, Saybolt Furol at 60°C, s ASTM D7496	Nos.	1	110.00
5	Kinematic Viscosity ASTM D2170	Nos.	1	145.00
6	Distillation ASTM D102	Nos.	1	120.00
7	Penetration ASTM D5	Nos.	1	60.00
8	Ductility ASTM D113	Nos.	1	90.00
9	Solubility in Trichloroethylene ASTM D2042	Nos.	1	65.00
10	Water % ASTM D95	Nos.	1	90.00
11	Float Test	Nos.	1	95.00
12	Demulsibility	Nos.	1	130.00
13	Loss on Heating	Nos.	1	140.00
14	Thin Film Oven Test	Nos.	1	140.00
15	Cement Mixing Test ASTM D6935	Nos.	1	70.00
16	Sieve Test ASTM D6933	Nos.	1	45.00
17	Penetration On Residue ASTM D6	Nos.	1	65.00
18	Ductility on Residue ASTM D113	Nos.	1	90.00
	<b>ASPHALT:</b>			
1	Gradation of extracted aggregates	Nos.	1	
2	Blinder content	Nos.	1	90.00
3	Marshall Stability, Flow and Stability/Flow Ratio	Nos.	1	
4	Voids in mineral aggregate (VMA)	Nos.	1	
5	Voids filled with asphalt (VFA)	Nos.	1	135.00
6	Voids in Mix (Air Voids) (%)	Nos.	1	
7	Voids in Marshall Specimen at 400 Blows per face	Nos.	1	130.00
8	(Filler/Blinder) Ratio	Nos.	1	Incl. In above
9	In-place air voids	Nos.	1	Incl. In above
10	Field density with thickness(Asp/astm/015.2asp/astm014 ans sampling of Core asp/astm-013)	Nos.	1	20.00
10A	Asphalt Core Cutting	Nos.	1	40.00
11	Retained Stability	Nos.	1	135.00
12	Evenness	Nos.	1	10.00
13	Gmm (Theoretical Max. Specific gravity)	Nos.	1	60.00
14	Temperature Monitoring	Hrs	1	30.00
	<b>CONCRETE, PAVING BLOCK &amp; KERBSTONE</b>			
1	Compressive Strength of Concrete Cube	Nos.	1	8.00
2	Compressive Strength Test of Paving Block	Nos.	1	10.00
3	Tensile Splitting Strength of Paving Block	Nos.	1	25.00
4	Water Absorption of Paving Blocks	Nos.	1	15.00
5	Bending Strength Test of Kerbstone	Nos.	1	30.00
6	Water Absorption of Kerbstone	Nos.	1	60.00
7	Compressive Strength Test of Kerbstone (Including core cutting & sample preparation)	Nos.	1	90.00
8	Fresh Concrete Testing (Temperature Monitoring, Slump Test & Cube Making - @ Site)	Hrs	1	30.00
9	Concrete Trial Mix - Witness	Nos.	1	200.00
10	Mobilization/Demobilization	Nos.	1	100.00
	<b>OTHERS:</b>			
1	Transportation / Sampling	Visit	1	100.00

PROCUREMENT DEPARTMENT

SITE 1 JOB 302 ZONAL FRAMEWORK FOR BOARD MAINTENANCE DOWA SOUTH AREA 11

RECORDED BY: MR ANTHONY BAI

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Parked by	SHAFIL	Posted by	SHAFIL
Doc. Number	2333001288	Company Code	5301
Doc. Date	31.12.2022	Posting Date	01.03.2023
Calculate Tax	<input type="checkbox"/>	Fiscal Year	2023
Ref. Doc.	25182	Period	03
Doc. Currency	QAR		

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AL JAZEERA ENGINEERING & CONTRACTING LLC  
P.O. Box 1862  
Al Khobar 31203  
Saudi Arabia

LR-2333000288



# CERTIFICATE OF PAYMENT

DATE:- 11 February 2023

Name of the Vendor	M/s, Al Jazeera Engineering Laboratories
Address	Doha, Qatar
Project Name	Infrastructure & Road Works for Qatar Emiri Signal Corps New Camp (Q-102-01) ACT PR-294
PO/Agreement Ref No	ALCAT/83967 dated 31/1/22
Description of Work	Field and Laboratory test services
Work Order Value	Rate Agreement
Work Order Date	Monday, January 31, 2022
Vender RA Bill No	25182
VALUATION No:	34
Period Ending:	Saturday, December 31, 2022

Contract value:	
Provisional Sum :	
Effective Contract value:	-
Est. Variations:	
Est. Final Contract Value:	-

Bonds & Guarantees	Amount QAR	Valid until	
Performance Bond Value:			Commencement:
Advance Payment Guarantee			Original Completion:
Workman's Compensation Insurance	N/A	N/A	Revised Completion:

Description		QAR	QAR
A	Cumulative Value of Work Done	277,986.00	
B	Value of Materials On Site	-	
C	Variations	-	
D	Claims (accepted in principle)		
<b>Sub Total : Work Done</b>		<b>277,986.00</b>	
E	Advance Payment		
F	Recovery of Advance Payment		
G	Advance Payment Remaining	-	
<b>Sub Total : Work Done + Advance Value</b>		<b>277,986.00</b>	
<b>DDT</b>			
H	Retention N/A		
H1	Release of Retention N/A		
J	Liquidated Damages / Penalty	N/A	
K	Other Deductions		
<b>Sub Total : Payment Application</b>		<b>0.00</b>	
M	Previous Payments Certified		
<b>AMOUNT DUE FOR PAYMENT ON THIS CERTIFICATE</b>			<b>277,986.00</b>
			<b>259,016.00</b>
			<b>18,970.00</b>

QAR Riyals: Eighteen Thousand Nine Hundred Seventy only.

## APPROVALS

Quantity Surveyor

Project Manager

Finance R

General Manager

## BILL OF QUANTITIES

Project : Infrastructure &amp; Road Works for Qatar Emiri Signal Corps New Camp (Q-102-01) ACT

Field and Laboratory test services

Item	Description	SUBCONTRACT AGREEMENT (BOQ)			PREVIOUS	THIS MONTH	TODATE	AMOUNT (QAR)		
		Quantity	Unit	Rate				THIS MONTH	TODATE	PREVIOUS
Acid Soluble Chloride content (40)	nos	40.00		2.00	-	-	2.00	80.00	-	80.00
Acid Soluble chloride content (25)	nos	25.00		2.00	-	-	2.00	50.00	-	50.00
Acid Soluble chloride content (35)	nos	35.00		3.00	-	-	3.00	105.00	-	105.00
Acid Soluble sulphate content (25)	nos	25.00		2.00	-	-	2.00	50.00	-	50.00
Acid Soluble sulphate content (40)	nos	40.00		4.00	-	-	4.00	160.00	-	160.00
Acid Soluble sulphate content (35)	nos	35.00		9.00	-	-	9.00	315.00	-	315.00
California bearing ratio(70)	nos	70.00		1.00	-	-	1.00	70.00	-	70.00
California bearing ratio	nos	75.00		11.00	-	-	11.00	825.00	-	825.00
Elongation index (25)	nos	25.00		1.00	-	-	1.00	25.00	-	25.00
Elongation index (40)	nos	40.00		3.00	-	-	3.00	120.00	-	120.00
Elongation index (30)	nos	30.00		6.00	-	-	6.00	180.00	-	180.00
Field Density by NG/ Min 2 Hrs (125)	nos	125.00		29.00	-	-	29.00	3,625.00	-	3,625.00
Field Density by NG/ Min 2 Hrs (120)	nos	120.00		138.00	-	-	138.00	16,560.00	-	16,560.00
Field Density by NG/Min 2 Hrs(260)	nos	260.00		20.00	-	-	20.00	5,200.00	-	5,200.00
Field Density by NG/Hrs(125)	nos	125.00		9.00	-	-	9.00	2,160.00	-	2,160.00
Field Density by NG/ Hrs/ above 2Hrs (130)	nos	130.00		6.00	-	-	6.00	750.00	-	750.00
Field Density by NG/ Hrs/ above 2Hrs (120)	nos	120.00		8.00	-	-	8.00	1,040.00	-	1,040.00
Fractured Faces (20)	nos	20.00		50.00	-	-	50.00	6,000.00	-	6,000.00
Fractured Faces (30)	nos	30.00		1.00	-	-	1.00	20.00	-	20.00
Fractured Faces (25)	nos	25.00		3.00	-	-	3.00	90.00	-	90.00
Grading + Binder Extraction(90)	nos	90.00		6.00	-	-	6.00	150.00	-	150.00
Grading + Binder Extraction	nos	105.00		23.00	-	-	23.00	4,140.00	-	4,140.00
Laboratory Compaction Characteristics (130)	nos	130.00		86.00	-	-	86.00	9,030.00	-	9,030.00
Laboratory Compaction Characteristics (110)	nos	110.00		3.00	-	-	3.00	390.00	-	390.00
Laboratory Compaction Characteristics (80)	nos	80.00		9.00	-	-	9.00	990.00	-	990.00
Liquid limit (40)	nos	40.00		1.00	-	-	1.00	80.00	-	80.00
Liquid limit (30)	nos	30.00		5.00	-	-	5.00	200.00	-	200.00
Los Angeles(55)	nos	55.00		10.00	-	-	10.00	300.00	-	300.00
Los Angeles	nos	75.00		1.00	-	-	1.00	55.00	-	55.00
Maximum Specific Gravity and Density	nos	50.00		9.00	-	-	9.00	675.00	-	675.00
Organic Content (50)	nos	50.00		23.00	-	-	23.00	6,600.00	-	6,600.00
Organic Content (25)	nos	25.00		3.00	-	-	3.00	150.00	-	150.00
Organic Content (35)	nos	35.00		2.00	-	-	2.00	50.00	-	50.00
Preparation of Marshall Plug 400 Blow(130)	nos	130.00		9.00	-	-	9.00	315.00	-	315.00
Preparation of Marshall Plug 400 Blow	nos	140.00		23.00	-	-	23.00	5,980.00	-	5,980.00
Sample Preparation for Marshall Stabi	nos	150.00		86.00	-	-	86.00	12,040.00	-	12,040.00
MARSHALL STABILITY AND FLOW OF BITUM(135)	nos	135.00		81.00	-	-	81.00	12,150.00	-	12,150.00
MARSHALL STABILITY AND FLOW OF BITUMI	nos	150.00		23.00	-	-	23.00	3,105.00	-	3,105.00
Sand equivalent test(45)	nos	45.00		5.00	-	-	5.00	750.00	-	750.00
Sand equivalent test(40)	nos	40.00		9.00	-	-	9.00	405.00	-	405.00
Sand equivalent test(50)	nos	50.00		1.00	-	-	1.00	40.00	-	40.00
Steve analysis (35)	nos	35.00		5.00	-	-	5.00	250.00	-	250.00
Steve analysis (25)	nos	25.00		3.00	-	-	3.00	175.00	-	175.00
Steve analysis (30)	nos	30.00		9.00	-	-	9.00	270.00	-	270.00
Soundness Test (150)	nos	150.00		3.00	-	-	3.00	450.00	-	450.00
Soundness Test (85)	nos	85.00		1.00	-	-	1.00	85.00	-	85.00
Soundness Test (110)	nos	110.00		6.00	-	-	6.00	660.00	-	660.00
Rate of application(20)	nos	20.00		37.00	-	-	37.00	214.00	-	214.00
								3,540.00	-	3,540.00
								740.00	-	740.00