COMPANY PROFILE

Bhai Bhai Group

CORPORATE OFFICE

Address: Nasir Trade Center (3rd floor), 89, Bir Uttam C.R Dutta Road, Bangla motor, Dhaka-1205 Cell: +88 01307 824 554, +88 01843 284 567 Email: bhaibhaitraders2@gmail.com

RAJSHAHI OFFICE

Smrity Omlan Mour, Station Road, Vodra, Rajshahi, Bangladesh Email: ershad.ebc@gmail.com



Our Offices:

* Dubai Office: FSS General Trading FZ-LLC BO3-307, Business Center 02, RAKEZ Business Zone-FZ, RAK, United Arab Emirates.

* Dhaka Office: Sand Stone (Level-8)
 GA 9/3, Progoti Sharani
 Shahjadpur, Gulshan
 Dhaka-1213.

*Rajshahi Office: 1) Vodra Smrity Moor, Station Road, Rajshahi.

- 2) Nowdapara Moor, Rajshahi.
- 3) Rani Bazar, Rajshahi.
- 4) Arani Bazar, Bagha, Rajshahi.
- 5) M/S. Shahmokhdum Motors & Transport.
- *Chittagong: M/S. SABER & CO.
 161 Strand Road, Saber Supper Market.
 (1st Floor) Barack Building.
 Chittagong, Bangladesh



Sister Concern of Bhai Bhai Group:

- M/S. Bhai Bhai Traders (Stone Importer & Suppliers, Construction Work)
- Active International. (Stone Importer & Suppliers)
- New Shahporan Trading. (Importer & Suppliers, Construction Work)
- M/S. Tiles Fashion (Ceramics, Tiles, Marble Stone suppliers and agency)
- M/S. Al Madina Traders (CI sheet, Rod, 60 grade Rod, Dew Teen supply and agency)
- M/S Shah Mukhdum Motors and Transport Agency (250 Trucks supply intercompany goods all over the Bangladesh)
- M/S Al-Tawsif Enterprise
- M/S Afifa Enterprise.
- Orchid Zone.

Our Consortium Members

- Shahid Ullah & Engineers (Pvt.) Ltd (Chemical & Stone Importer & Suppliers)
- Ocean Blue (OB) Trading Limited.
- M/S. Muslim & Brothers
- Rana Builders (Pvt.) Ltd
- Nuru & Sons Co,. Ltd





Message of Managing Director

Md. Aminul Islam, Managing Director of the company has a rich business background in Bangladesh and abroad. His continuous effort and hard work along with his experience and business skills has made him successful in his field of business. Mr. Islam is a reputed business man bearing strong personality and well known as an honest and committed person in the business sector and in the society. As a matter of fact, his constructive thinking, experience and hard work have brought him laurels from his fellow business associates and partners at home and abroad.



Methodology of work in adverse environment.

There will be no interruption in supply in an adverse environment and force measure to maintain the proportionate progress of work. The following measure will be taken to meet all emergency need:

Buffer Stock:

We have the policy of maintaining Buffer stock at 20% of the total supply order to run the supply uninterrupted at possible nearest site of project dumping point. We already install a buffer stock by importing Stone/Aggregate/Boulders from abroad.

Own water way transportation system:

To maintain the proportionate progress of supply an extra arrangement of water way transportation by Bulkhead, Light Vessel, Boat etc. for smooth running of supply at adverse situation like flood, hartal/strike/Cyclone and any other unexpected situation.

Own Road way transportation system:

We have good arrangement of road transport vehicles by hiring trucks, dump trucks, excavator for loading, manpower for operating of transportation etc.

Special arrangement with Bangladesh Railway for wagon transportation:

We have special arrangement with Bangladesh Railway to carry materials by railway wagons at site in an adverse environment to maintain uninterrupted supply.

Hardworking Staff:

To face Cyclone, Flood, Political Unrest need hard working skilled staff to maintain supply works. Our Company staff are prepared for it.





Performance Certificate (Padma Multipurpose Bridge Project)





Date: June 30, 2022

TO WHOM IT MAY CONCERN

We are pleased to inform that M/S. BHAI BHAI TRADERS, of the best stone aggregate supplier of CHINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD. (MBEC) in constructing the mega project PADMA MULTIPURPOSE BRIDGE PROJECT, BANGLADESH.

It is an immense support by them to us by the supplying of large volume of stone aggregates with highly standard and timely delivery from beginning to end of the mega project.

For such an extraordinary performance, we are thereby awarding M/S. BHAI BHAI TRADERS as one of the best supplier and wishing the best prosperity to them.

Your faithfully

Padma Multipurpose Bridge Project

China Railway Major Bridge Engineering Group Co., Ltd







Best Supplier Award

Large Volume of Aggregates with highly Standard and Timely Delivery from beginning to end of Padma Multipurpose Bridge



Md. Aminul Islam

M/S BHAI BHAI TRADERS

Nasir Trade Center, Level-3 89 Bir Uttam CR Datta Road Banglamotor, Dhaka-1205

PADMA MULTIPURPOSE BRIDGE PROJECT China Railway Major Bridge Engineering Group Co. Ltd.

Best Supplier Award Received from China Railway Major Bridge Engineering Group Co., Ltd



OUR CLIENTS:

中国中铁	China Railway Group Limited (CREC) Padma Bridge Rail link Project.		hina Railway Iajor Bridge ngineering Group o. Ltd. (MBEC) ma Bridge Project.	中国电建 POWERCHINA	Power China Construction of Dhaka- Narayanganj Railway Project.
を 中国バ利水电建设集团公司 SINOHYDRO Corporation Limited. Padma Bridge Construction River Training Works Project.			AFCONS INFRASTRUCTURE LIMITED SECONS AFCONS INFRASTRUCTURE LIMITED AFCONS Afcons Infrastructure Limited. Bangladesh India Friendshaip Power Co.,(Pvt.)Ltd.		
中国水电基础局有限公司 SINOHYDRO FOUNDATION ENGINEERING CO.LTD Sinohydro Foundation Engineering Co.,Ltd. Barishal Power Plant Project, Taltoli Barguna.			中国土大工程集团有限公司 China Civil Engineering Construction Corporation (CCECC).		
CHEF 中国潜潭	China Harbour Engineering Company Ltd.		Hydrochina Dasherkandi Sewage Treatment Plant Project.	中国铁建	China Railway 17 th Bureau Group Co., Ltd (CRCC).
	CA建工集団 Metallurgical Construction E Metallurgical Gro gladesh Branch (INGINEERING GROUP CO.,LTD	中信建设 CITIC CONSTRUCTION Bangladesh Citic Construction Engineering Material Co,. Ltd.		
		SPACES] Space Ltd Rana Builders (Pvt.) Ltd		Builders (Pvt.) Ltd.	



Our Business Scope

- Aggregate Stone
- Ballast Stone
- Boulder Stone
- Sand
- Equipment's
- Other Construction Materials



Supply of:

1. Aggregate Stone.

Size:

- 5mm-10mm
- 10mm-20mm
- 10mm-25mm

2. Ballast Stone.

Size:

- 40mm-60mm
- 20mm-40mm
- 20mm-60mm

3. Boulder Stone.

Size:

- 10 kg-100 kg
- 50 kg-150 kg
- 200 kg- 500 kg
- 500 kg-1000 kg

4. Sand

Size:

- 2.5-2.8 FM
- 5. Equipment
 - Excavator
 - Crane
 - Pay loader
 - Dump Truck etc.

6. Other Construction Materials

- Supply Construction Equipment's
- Labor Supply
- Gravel Stone (5-35 mm)
- Brick Chips
- Bricks
- GEO Fabrics
- GEO Bags
- Hill Skill Soil

Origin from:

Stone

- Dubai
- Vizag, India
- Gujrat, India
- Pakur, India
- Meghalaya, India
- Thailand
- Vietnam
- Oman
- Vhutan
- Volagonj, Sylhet.

Boulder Stone

- Vizag, India
- Dubai
- Pakur,India

Coarse Sand

- Sylhet
 - Fazilpur
 - Sunamgonj
 - Chhatak
- Durgapur, Netrokona.
- Sharpur
- Panchagarh



1.





Logistic Facilities:

- Mother Vessel: Mother Vessel **MV APARAJITA** and **MV SHEJYOTI** Bangladeshi Flagged ship are chartered for long term. We are chartering more vessels for smoothly and continuously support for our customers.
- Lighter Vessel: We have agreement with **MST Marin Service**. They are supporting our all lighter vessel.
- Dump Truck & Equipment's: We have our own transport and equipment facilities as below.

SI. No.	Name of Equipment	Brand	Capacity	Quantity
1	Dump truck	ACHER, Ayesha	6 wheeler	52
2	Normal Truck	Ayesha	10 Wheeler	20
3	Normal Truck	ΤΑΤΑ	6 wheeler	80
4	Excavator	JCB	0.7 m3	5
5	Excavator	CAT	0.5 m3	3
6	Crawler Crane		30 Ton	1
7	Wheel Crane		50,70	2 Nos
8	Bulldozer			3

2. Dumping Yard Facilities

S.N	Port Address	Dumping Goods	Jetty/Yard	Area
1	Hasnabad, Keranigonj	Stone, Sand	Jetty + Yard	1 Acre
2	Dhaka Uddan, Mohammadpur	Stone, Sand	Jetty + Yard	1.5 Acre
3	300 Feet, Kanchon Bridge, Purbachal	Stone, Sand	Jetty + Yard	3 Acre
4	Kuchamara Bridge, Sirajdikhan	Sylhet Sand	Yard	2.5 Acre
5	Mongla Port	Stone	Yard	2 Acre
6	Zajira,Soriatpur	Stone, Sand	Yard	3 Acre
7	Bhomra Port, Shatkira	Stone	Yard	2 Acre
8	SonaMosjid, Chapainobabgonj	Stone	Yard	1 Acre
9	Coxes Bazar	Stone, Sand	Yard	1.5 Acre
10	Kathakhali, Bagarhat	Stone	Yard	3 Acre

3. Mine Agreement

We have agreement with stone mine and quarry from different places: Like- Vizag(India), Fuziarah (UAE), Krabi (Thailand), Vietnam and Vutan.









Fujairah (Dubai) Stone



Thai Stone





M/S Bhai Bhai Traders has providing Boulder Stone for Padma Multipurpose Bridge.





Aggregate Stone Yard of M/S. Bhai Bhai Traders





Stone Yard of M/S. Bhai Bhai Traders









Proudly working as a contractor of SINOHYDRO Corporation at Padma Multipurpose Bridge Construction River Training Works Project.





Excavators are hired (Contruct: 01932744304, 01843284567)



Peloders are hired (Contruct: 01932744304, 01843284567)



PHOTO GALLERY





Meet with Honorable Member of Parliament In Vizag, India



Meetting with Project Manager for Railway work in Rajshahi







Attaining BIMSTEC Conclave of Ports-2019 Conference in Vizag





Photo session after the successful meeting with the Chairman of Mongla Sea Port Authority



Meetting with Representative of Bangladesh Navy





Agreement ceremony with exporter, Thailand





During the visit of stone Manufacture





During the visit of stone resources of Dubai



During the visit of stone resources of Thailand...



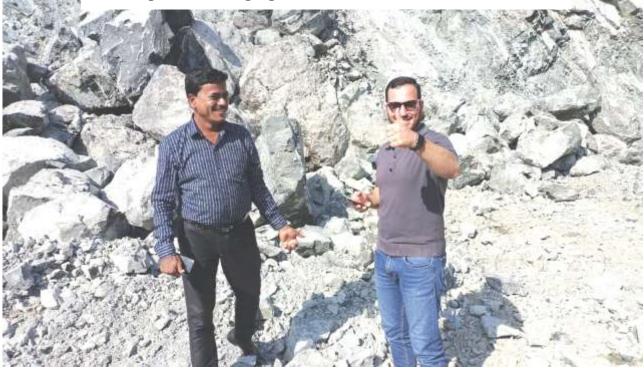


Stone mine Visit in Dubai





Meeting with Managing Director of Masafi Crasher in Dubai

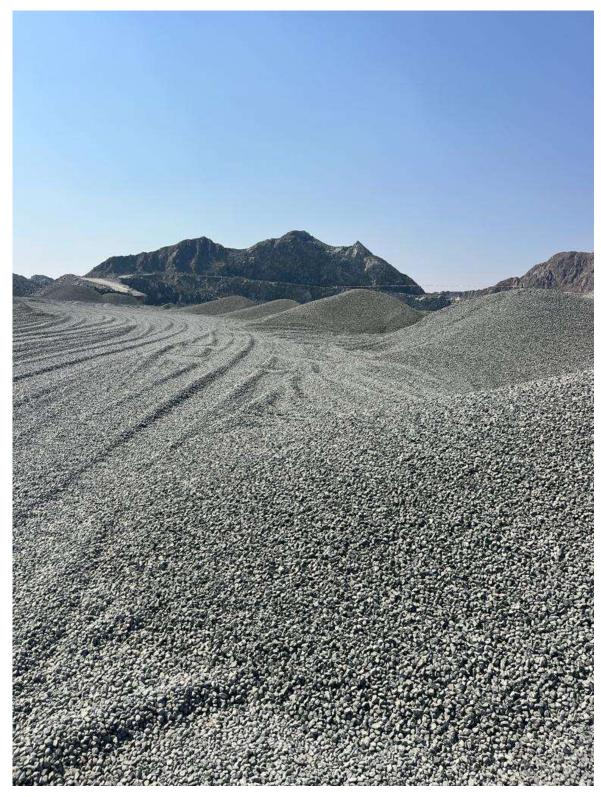


Visiting Mine of Masafi Crasher with Managing Director in Dubai



Aggregate Stone in Dubai (Fujiarah)





Aggregate Stone (Dubai)





Bridge Construction Project





Visiting Boulder Mine In Vizag (India)





Visiting Stone fields at Oman.





Visit to Boulder Mine







Rock Boulder Yard of M/S Bhai Bhai Traders





MV ZEIN is The First Mother Vessel which arrive in Payra port By Bhai Bhai Group.



MV XIN HAI TONG 18





MV TUHINA



MV KULNATEE





Mother Vessel MV PVT AROMA



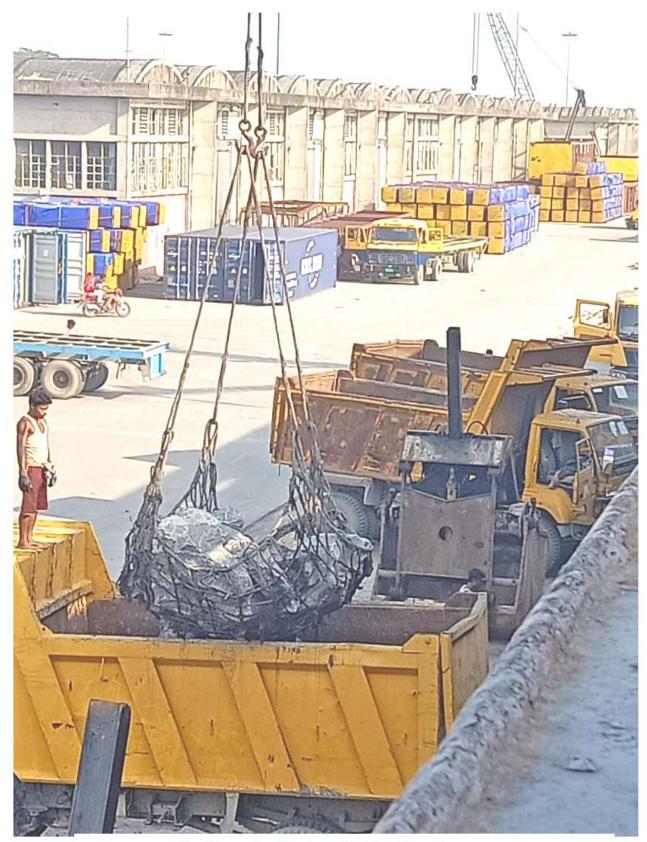
Mother Vessel Loading





Boulder Stone loading from Mother Vessel





Boulder unloading from Mother Vessel.















Construction Work of Padma Bridge Rail Link Project (CREC) in Narail.





Construction work in CREC Narail Site.







Girders for Bridge In Brahmanbaria for Afcons Infrastructure Ltd





Construction work for Thermal Power Plant Project, Patuakhali





Water Treatment Plant Aftabnagar, Rampura, Dhaka.





M/S. Bhai Bhai Traders Work for Construction of Bridge





Construction work continue of M/S. Bhai Bhai Traders



Boulder Stone & Aggregate Test Report





मेटीरियल टेस्टिंग हौस (इन्डिया) लिमिटेड

MATERIAL TESTING HOUSE (INDIA) LTD Accredited by National Accreditation Board for Testing and Calibration Laboratories (A Constituent Board of Quality Council of India) 50-96-4, North Extension, Sectammadhara, Visakhapatram-530013 Tel: 0891- 2791342, Ernail: mthindialab@gmail.com, Website www. mthindia.org

Certificate No.: TC-8024

TEST REPORT

	Contraction of the second second	R/19710		Dute 29-12-2020		Page number 01 of 01
		district.	Infra Associates & M on No. 10107 dated 2		ra Projects. Anaka	ıpalli, Visakhapatnam
Requisit RQ-1	on No.	Sample No. S-23194	Date of receipt 22-12-2020	Date of	testing 12-2020	Test method As mentioned
SLNo.		Description		RESULTS	Results	
1.190.		Descriptio	л		Results	
01.5	Sampl	e: *Rocl	(Boulders)		_	
		ID: *M				
T	ESTS:					
i)		ecific gravity sted as per IS: 2386 part 3-1963)			2.883	
ii)		ater Absorption, Percent by weight ested as per IS: 2386 part 3-1963)			0.16	
iii)		Impact value (Dry condition) Tested as per BS \$12-112: 1990)			12	
iv)	Ten percent fines value (Dry condition (Tested as per BS 812-111: 1990)		tion) <mark>, KN</mark>	235		
v)	Crush	ning Value,	% by weight		22	
	(Tested	as per 1S: 2386	part 4)			
vi)			nate soundness, pe		Will be	
	Specim	en size: 14mm to as per BS 812-1	o 10mm		reported later	

Notes:

2

 Sample Submitted by: Representative of M/s. D.D. Infra Associates & V.V.S. Infra Projects.

Details furnished by the customer denoted by *

Notes: 1. The results reported relate only to the stense endoestement of product is neither inferred nor implied. 2. Our total linking is limited to the billed amount. 3. The Balance quantity of the tested sample whenever possible shall be retained only for a period of three months from the date of test report unless otherware specified. 4. This report shall not be reproduced except in full and cannot be used as an evidence in the court of Law are unless otherware specified. 4. This report shall not be reproduced except in full and cannot be used as an evidence in the court of Law are unlikely used in any advertising media without our written approval. 5. The test report relate to the sample submitted to us not per collection of a period. Testing House (India) Ltd., unless mentioned otherwise.

Tested by For Material Testing House(India) Ltd Authorised Signatory MATER 1 OVE CR 1 0 A DOTAL S. G. Reddy, Dr. K.Srinivasa Varma Analyst Grade-1(Mech.) Director







TEST REPORT

Test Report No. : Sample Received :

: TL/22-23/N/00012 : 17-05-2022 Issue Date: 25-05-2022

то

Alcatraz International Impex Pvt, Ltd, Kolkata.

Description of Sample*	: Rock Samples
Source of Sample*	: Supplied by the client from Rowthalapudi, Kakinada
Client's Reference	: Requisition dated on 09-05-2022
Project*	: S Alam Power Plant, Banshkhali, Near Chittagong, Bangladesh
Analysis Start date	: 17-05-2022
Analysis completion date	: 25-05-2022

TEST RESULTS

S.No.	Description of Test	ichst ^{Result} ie			Unit	Test Method	
		1-200 kgs	50-500 kgs	400-800 kgs 800- 1400kgs			
ा	Grading/particle Size	uction	Materia	Testing	-	(**)	
2	Particle Density	2571	2585	2544	Kg/m ³	BS EN 13383	
3	Water Absorption	0.69	0.55	0.58	%	2	
4	Los Angeles Abrasion Value	20.4	19.4	19.2	%	BS EN 1097- 2	
5	Soundness Magnesium Sulphate (MgSO4)		(94)	0.68	%	BS EN 1367- 2	
6	Compression Strength	69.5	72.1	70.8	N/mm ²	BS EN 1926	
7	Point Load Test	2.9	3.1	2.8	N/mm ²	ISRM 1985	
8	Block Integrity Drop Test	0.5	0.4	0.5	%	BS EN 13383- 1	

age

9-82, SS Enclave, Opp:Lalitha Garden, Naidu Thota, Vepagunta (V), Visakhapatanam - 530047,





TOUCHSTONE LABS (An ISO 9001:2015 Certified Organization)

S.No.	Description of Test	1-200 kgs	s 50-500	400-800 kgs	Unit	Test Method
			kgs	800- 1400kgs		
9	Petrographic Description (Methylene Blue Absorption)	-		0.59	g/kg	BS EN 933:9
1	Touchstone Labs	TL .				
Au	thorised Signatory	uch	stoi	ne		

9-82, SS Enclave, Opp:Lalitha Garden, Naidu Thota, Vepagunta (V), Visakhapatanam - 530047, Page2





مسختبر جيوساينس لفحص المواد - ذم.م. GEOSCIENCE TESTING LABORATORY - L.L.C.



REPORT ON

	E ANALYSIS OF FINE AN R1SH23-013338		Date : 10/05/2023			
Report No.			Sample No. : S1SH23-007642			
Request No.	: Q1SH23-007642					
Sender's Ref.	: Not Given	Project No. : Not Given				
Project Name	: Internal Quality Control					
Client Name	: Masafi Crusher					
Consultant	: No Specific Consultant					
Contractor	: No Specific Contractor					
Address	: Fujairah, U A.E	Data	- Compliant + 04/05/2022			
Sampled by	: GTL Rep.		of Sampling : 04/05/2023			
Sample brought by	GIL Rep.		eived Date : 04/05/2023			
Sample Description		Samp	le Size (kg) : 300			
Source	: Masafi Crusher	6	ot Size (m ³) : Not Given			
Location	: Stockpile @ Masafi Crusher		Lat Na I Nat Civen			
Layer	: Not Applicable		Lot No : Not Given			
RESULTS :						
	Test Sieve					
	(mm)	Percentage Passing				
	63.0	100				
	50.0	90				
	40.0	47				
	31.5	2				
	28.0	0				
Testing Date	: 04/05/2023 - 06/05/20		Tested by : SNM			
Sampling Method	: * ASTM D75 / D75M -		Report No. : GTL/SH/SR/2023- 08			
Initial Sample Prepara						
Test Specimen Prepa						
Test Method	: ASTM C 136/C136M	- 19, Cls. 8				
		ed in the scope of accredita	ation by ENAS, NAL-134			
		ed in the scope of accredita	ation by ENAS, NAL-134			
		ed in the scope of accredita	ation by ENAS, NAL-134			
Remarks	: *This test is not includ	ed in the scope of accredita	Stille TESTING LABORRA			
Remarks Results relates only to the sam	: *This test is not includ		Sunte TESTING LABOR TO BE			
Remarks	: *This test is not includ		Control Tel: 109 - 2389824			
Remarks Results relates only to the sam	: *This test is not includ		Start Testing LABORATO			
Remarks	: *This test is not includ		Khorfakkan Tel.: 09 - 2389824 Fax: 09 - 2385826 *			
Remarks Results relates only to the sam	: *This test is not includ		Start Testing LABORATO			
Remarks Results relates only to the sam	: *This test is not includ		Khorfakkan Tel.: 09 - 2389824 Fax: 09 - 2385826 %			
Remarks	: *This test is not includ		Khorfakkan Tel.: 09 - 2389824 Fax: 09 - 2385826 %			
Remarks	: *This test is not includ		Khorfakkan Tel.: 09 - 2389824 Fax: 09 - 2385826 *			
Remarks	: *This test is not includ		Khorfskkan G Khorfskkan Tel.: 09 - 2389824 Pax: 09 - 2385826 * B B B B B B B B B B B B B			
Test Method Variatio Remarks Results relates only to the sam Test reports shall not be reprod	: *This test is not includ		Jeejo P. Variath			
Remarks	: *This test is not includ		Jeejo P. Varlath Unit Head (Civil)			
Remarks	: *This test is not includ		Jeejo P. Variath			





REPORT ON

MATERIAL F	FINER THAN 75 µm (No. 200) IN MI	NERAL AGGREGATES BY WASHING
Report No.	: R1SH23-013339	Date : 10/05/2023
Request No.	: Q1SH23-007642	Sample No. : S1SH23-00764
Sender's Ref.	: Not Given	Project No. : Not Given
Project Name	: Internal Quality Control	
Client Name	: Masafi Çrusher	
Consultant	: No Specific Consultant	
Contractor	: No Specific Contractor	
Address	: Fujairah, U.A.E	
Sampled by	: GTL Rep.	Date of Sampling : 04/05/2023
Sample Brought by	: GTL Rep.	Sample Received Date : 04/05/2023
Location	; Stockpile @ Masafi Crusher	
Layer	: Not Applicable	Sample Size (kg) : 300
Source	: Masafi Crusher	Lot Size(m3) : Not Given
Sample Description	: Ballast Material	Lot No. : Not Given

Results

	Material Finer Than 75 µm (No. 200) Test Sieve by Washing (%)	0.2	
Test Date	: 04/05/2023 - 06/05/2023		
Sampling Report No.	: GTL/SH/SR/2023-0861		
Sampling Method	: ASTM D 75 / D75 M-14		
Initial Sample Preparation	: ASTM C 702 : 1998 (2003)		
Test Specimen Preparation	: ASTM C117 : 2013 Cls 6	Sundt TESTING LAL	POR.
Test Method	: ASTM C117: 2013 Cls 8	S Khortet	10g
Test Method Variation	: None	Tel.: 09 - 23898 # Fax: 09 - 23858	124) F
Tested by	: SNM	101	1 * /
Remarks	: None	SA - GROOD, SHARUNN	UN

* Results relates only to the samples tested.

* Test Reports shall not be reproduced (except in full) without the written approval of the laboratory.

Form No. : MD/PA-30

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Issue No. : 01/29.08.2002

Rev. No. : 02/08.06.201

Unit Head (Civil) Khorfakkan For GEOSCIENCE TESTING LABORATORY

Jeejo P. Varlath

a





CLAY LUMPS & FRIABLE PARTICLES

REPORT NO.	: R1SH23-013340	DATE : 10/05/2023
REQUEST NO.	: Q1SH23-007642	SAMPLE NO. : \$1\$H23-0076
SENDER'S REF.	: NO GIVEN	PROJECT NO. : NOT GIVEN
PROJECT NAME	: INTERNAL QUALITY CONTROL	
CLIENT NAME	: MASAFI CRUSHER	
CONSULTANT	: NO SPECIFIC CONSULTANT	
CONTRACTOR	: NO SPECIFIC CONTRACTOR	
ADDRESS	: FUJAIRAH, U.A.E	
SAMPLED BY	: GTL REP	DATE OF SAMPLING : 04/05/2023
SAMPLE BROUGHT BY	: GTL REP	SAMPLE RECEIVED DATE : 04/05/2023
LOCATION	: STOCKPILE @ MASAFI CRUSHER	
LAYER	: NOT APPLICABLE	SAMPLE SIZE (kg) : 300
SOURCE	: MASAFI CRUSHER	LOT SIZE (m3) : NOT GIVEN
SAMPLE DESCRIPTION	: BALLAST MATERIAL	LOT NO. : NOT GIVEN

RESULTS

	CLAY LUMPS & FRIAR	BLE PARTICLES (6)
	COARSE FRACTION	FINE FRA	CTION
	NIL	NA	
TEST DATE	: 05/05/2023 - 09/05/2023		
SAMPLING REPORT NO	: GTL/SH/SR/2023-0861		
SAMPLING METHOD	: ASTM D 75 / D75 M-14		
INITIAL SAMPLE PREPARATION	: ASTM C 117 - 17		
TEST SPECIMEN PREPARATION	: ASTM C 142/C142M - 2017 Cls 5		
TEST METHOD	: ASTM C 142/C142M - 2017 Cls 6		
TEST METHOD VARIATION	NONE		SE TESTING LABOR
TESTED BY	: ABA		2017
REMARKS	: NONE		Ct. 1651ING LABOR 1007 Khorfakkan Tel.: 09 - 2389924 Fax: 09 - 2389924
* Results relates only to the samples tested. * Tigst Reports anall not be reproduced (except in full)	without this written approval of the intervalory.		* Fax: 09 - 2385826 *
			Jeejo P. Varlath Unit Head (Civil) Khorfakkan
Form : MOPA-29 Page 1 of 1	lase : 01 / 10:10,2013	Rex : 02 / 26.08.2018	For GEOSCIENCE TESTING LABORATORY





مــــختبر جـيوساينس لفحص المـواد - ذمم. .GEOSCIENCE TESTING LABORATORY - L.L.C

	MOISTURE CO	Construction of the second
Report No.	: R1SH23-013341	Date : 10/05/2023
Request No.	: Q1SH23-007642	Sample No. : S1SH23-007642
Sender's Ref.	: Not Given	Project No. : Not Given
Project Name	: Internal Quality Control	
Client Name	: Masafi Crusher	
Consultant	: No Specific Consultant	
Contractor	: No Specific Contractor	
Address	: Fujairah, U.A.E	
Sampled by	: GTL Rep.	Date of Sampling : 04/05/2023
Sample Brought by	: GTL Rep.	Sample Received Date : 04/05/2023
Location	: Stockpile @ Masafi Crusher	
Layer	: Not Applicable	Sample Size (kg) : 300
Source	: Masafi Crusher	Lot Size (Ton) : Not Given
Sample Description	: Ballast Material	Lot No. : Not Given

	Moisture Cor	ntent, %	0.2
		2	5
Testing Dated	: 04/05/2023 -	05/05/2023	
Sampling Report No.	: GTL/SH/SR/	2023-0861	
Sampling Method	: ASTM D75 /	D75M - 14	ETESTING LABOR
Initial Sample Preparation	: BS 812 Part	102 : 1989 Cls 6.0	ALL ALL
Ttest specimen Preparatio	n : BS 812 Part	109 : 1990 Cls 5.0	Khortakkan Tel.: 09-2309624
Test Method	: BS 812 Part	109 : 1990 Cls 6.2	2 1 MA . 03 - 2385H28 /
Test Method Variation	: None		BIES STRONG SHARUAN UN
Tested by	: SNM		GABOD, SHARUAH
Remarks	: None		200 C 100
* This results relates only to the	items tested.		and
* Test results shall not be repro-	duced (except in full) wit	hout the written approval of the	Jeejo P. Variath Unit Head (Civil)
Form No. : PA-58	ssue No. : 01	Rev. No. : 0	Khorfakkan
Page 1 of 1	ssue Dt. : 31 08.2005	Rev. Dt. :-	For GEOSCIENCE TESTING LABORATE





REPORT ON FLAT AND ELONGATED PARTICLES IN COARSE AGGREGATES

Report No.	: R1SH23-013342	Date : 10/05/2023
Request No.	: Q1SH23-J07642	Sample No. : S1SH23-007642
Sender's Ref.	: Not Given	Project No. : Not Given
Project Name	: Internal Guality Control	10.
Client Name	: Masafi Crusher	
Consultant	: No Specific Consultant	
Contractor	: No Specific Contractor	
Address	: Fujairah, J.A.E	
Sampled by	: GTL Rep.	Date of Sampling : 04/05/2023
Sample brought by	: GTL Rep.	Sample Received Date : 04/05/2023
Location	: Stockpile @ Masafi Crusher	1
Layer	: Not Applicable	Sample Size (kg) : 300
Source	: Masafi Crusher	Lot Size (m ^a) : Not Given
Sample Description	: Ballast Material	Lot No. : Not Given

Results :

Form : MD/PA-124

Page 1 of 1

Percentage Retained
NIL
10
83
7
1:5
NIL
NIL

Testing Date	: 07/05/2023 - 08/05/2023
Sampling Report No.	: GTL/SH/SR/2023-0861
Sampling Method	: ASTM D 75 / D 75 M - 14
Test Method	: ASTM D 4791-05
Test Method Variation	: None
Tested by	: SNM
Remarks	: None
*Results relates only to the samples tested.	

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Issue : 01 / 11.01.2011





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Rev. : 0 /





REPORT ON PERCENTAGE OF FRACTURED PARTICLES IN COARSE AGGREGATE

Report No.	: R1SH23-013343, 013344	Report Date	: 10/05/2023
Request No.	: Q1SH23-007642	Sample No.	: S1SH23-007642
Date Tested	: 07/05/2023 - 08/05/2023		
Tested By	: ABA		
Client Reference:	5:		
Project No.	: Not Given		
Project Name	: Internal Quality Control		
Senders ref. No.	: Not Given		*
Client	: Masafi Crusher		
Address	: Fujairah, U.A. E		
Consultant	: No Specific Consultant		
Contractor	: No Specific Contractor		
Source	: Masafi Crusher		

Further to The Instruction received from Masafi Crusher, through tests requisition dated 04/05/2023, GTL has tested Ballast Material Sample for Percentage of Fractured Particles in Coarse Aggregate in accordance with ASTM D 5821 - 2013

	TEST NAME	RESULT (%)
1.ONE OR MORE FRACTURED	FACES	100
2. TWO OR MORE FRACTURED	FACES	100
Weight of Sample Evaluated (g) : 2541.1	Khorfakkan Tel.: 09 - 2389824
Sample Retained At : 25.0mm to	est sieve	Co Khorfakkan
Fest Method : ASTM D 582	- 2013	1 - 1 FOX : 09 - 23050-00 /
Remarks : Reported re-	sult is calculated based on weight	BES- 64000, SHANAM . UM
Results relates only to the samples tested Test reports shall not be reproduced (except	in fully with out the written approval of the laborator	
Form : MD/G 01 Page 1 of 1	(ssue ; 01 / 14.10.2008	Rev.: 0/- For GEOSCIENCE TESTING LABO





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REPORT ON AGGREGATE CRUSHING VALUE

REPORT NO.	: R1SH23-013345	DATE : 10/05/2023
REQUEST NO.	: Q1SH23-007642	SAMPLE NO. : S1SH23-007642
SENDER'S REF. NO.	: NOT GIVEN	PROJECT NO. : NOT GIVEN
PROJECT NAME	: INTERNAL QUALITY CONTROL	
CLIENT NAME	: MASAFI CRUSHER	
CONSULTANT	: NO SPECIFIC CONSULTANT	
CONTRACTOR	: NO SPECIFIC CONTRACTOR	
ADDRESS	: FUJAIRAH, U.A.E	
SAMPLED BY	: GTL REF	DATE OF SAMPLING : 04/05/2023
SAMPLE BROUGHT BY	: GTL Rep.	SAMPLE RECEIVED DATE : 04/05/2023
LOCATION	: STOCKPILE @ MASAFI CRUSHER	
LAYER	: NOT APPLICABLE	SAMPLE SIZE (kg) : 300
SOURCE	: MASAFI CRUSHER	LOT SIZE (m3) : NOT GIVEN
SAMPLE DESCRIPTION	: BALLAST MATERIAL	LOT NO. : NOT GIVEN
SIZE OF FRACTION TESTED	: 28 - 20 mm	

Results

	AGGREO	GATE CRUSHING VALUE (%)	15
TEST DATE SAMPLING REPO		: 08/05/2023 : GTL/SH/SR/2023- 0861 : * ASTM D 75 / D 75 M - 14	
INITIAL SAMPLE		:*IBS 812 - 102 : 1989 CLS 6 : BS 812 - 110 : 1990 CLS 6 : BS 812 - 110 : 1990 CLS 7	
TEST METHOD TEST METHOD V TESTED BY	ARIATION	: NONE : HAS	
REMARKS		- '신물'에서 아파	OPE OF ACCREDITATION BY ENAS, NAL-134 SHED SPECIMEN
* Results relates only to the * Reports shall not be repro	news lected. duced (Except is full) without the wi	ten approval of the laboratory.	SHED SPECIMEN Khorlakkan Tel.: 09 - 2389824 Fax: 09 - 2385826 +
Form No. : PA-32 Page 1 of 1	Incue INo. : 01 Incue Dit. : 02.07.3003	Rev. Ho. : 01 Rev. DL : 05.10.2505	C Tel.: 09 - 2389824 Fax: 09 - 2385826 *
			Jeejo P. Variath Unit Head (Clvil) Khorfakkan

For GEOSCIENCE TESTING LABORATORY

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REPORT ON RESITANCE TO DEGRADATION OF AGGREGATE BY ABRASION AND IMPACT IN THE LOS ANGELES MACHINE

Report No.	: R1SH23-013346		Date : 10/05/2023
Request No.	: Q1SH23-007642 Sample No. : S1SH2		
Sender's Ref.	: Not Given Project No. : 1		oject No. : Not Given
Project Name	: Internal Quality Control		
Client Name	: Masafi Crusher		
Consultant	: No Specific Consultant		
Contractor	: No Specific Contractor		
Address	: Fujairah, L.A.E		
Sampled by	: GTL Rep.	Date of S	Sampling : 04/05/2023
Sample Brought in By	: GTL Rep.	Sample Receiv	ved Date : 04/05/2023
Location	: Stockpile @ Masafi Crusher		
Layer	: Not Applicable	Sample S	Size (kg) : 300
Source	: Masafi Crusher	Lot Size(m ³) : Not Given	
Sample Description	: Ballast Material	2.52.034	Lot No. : Not Given
Grading Designation	: U		
RESULT			
	PERCENTAGE LOSS BY ABRASION AND IMPACT OF THE TESTED SAMPLE	16	

Test Date	: 07/05/2023 - 09/05/2023	
Sampling Report No.	: GTL/SH/SR/2023-0861	
Sampling Method	:* ASTM D75 / D75M - 14	
Initial Sample Preparation	: *ASTM C 702/C 702M : 18	
Test Specimen Preparation	: ASTM C 535 : 16 Cls 8	
Test Method	: ASTM C 535 : 16 Cis 9	
Test Method Variation	: None	
Tested by	: ABA	
Remarks	:* This test is not included in the scope of accreditation by ENAS, NAL-134	







REPORT ON MOHS HARDNESS OF AGGREGATE

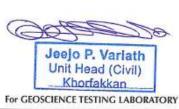
Report No.	: R1SH23-013347	Date : 10/05/2023
Request No.	: Q1SH23-007642	Sample No. : S1SH23-007
Project No.	: Not Given	Sender's Ref. No. : Not Given
Project Name	: Internal Quality Control	
Client	: Masafi Crusher	
Consultant	: No Specific Consultant	
Contractor	: No Specific Contractor	
Address	: Fujairah, U.A.E	
Sampled by	: GTL Rep.	
Sample Brought by	: GTL Rep.	
Sample Description	: Ballast Material	Date of sampling : 04/05/2023
Layer	: Not Applicable	Date sample Received : 04/05/2023
Source	: Masafi Crusher	
Location	: Stockpile @ Masafi Crusher	
250/ / 70		

RESULTS

Form : MD/G-01

Page 1 of 1

Testing Date	: 08/05/2023	
Sampling Method	: BSEN 932-1 : 1997	
Test Specimen Preparation	: BS EN 101	A TESTING LABOR
Test Method	: BS EN 101	Les Contraction
Test Method Variation	: None	Khorfakkun 7el.: 09 - 2389824
Tested by	· IP	* (rax : 09 - 2385826 / _ /
Remarks	: None	BRA GREDO, SHARINA UZ
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Issue : 01 / 14.10.2008





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REPORT ON

SIEVE	REPOR ANALYSIS OF FINE A	(Th Chi - 1 (Th ((Th Th))	EGATES	
Report No.	: R1SH23-013330		Date : 10/05/2023	
Request No.			Sample No. : S1SH23-007641	
Sender's Ref.	: Not Given			
Project Name	: Internal Quality Control		30 -	
Client Name	: Masafi Crusher			
Consultant	: No Specific Consultant			
Contractor	: No Specific Contractor			
Address	: Fujairah, U.A.E			
Sampled by	: GTL Rep.		e of Sampling : 04/05/2023	
	: GTL Rep.		eceived Date : 04/05/2023	
Sample Description	: 10-25mm Crushed Gabbro Ag		nple Size (kg) : 250	
Source	: Masafi Crusher		Lot Size (m ³) : Not Given	
Location	: Stockpile @ Masafi Crusher			
Layer	: Not Applicable		Lot No : Not Given	
<u>RESULTS :</u>	Test Sizes			
	Test Sieve (mm)	Percentage Passin	g	
	25.0	100		
	19.0	93		
	12.5	33		
	9.50	5		
	4.75	0		
Testing Date	: 04/05/2023 - 06/05/2		Tested by : ABA	
Sampling Method Initial Sample Prepara Test Specimen Prepar Test Method Test Method Variatio Remarks	ration : ASTM C 136/C136M : ASTM C 136/C136M n : None	/l - 18 - 19, Cls. 7	itation by ENAS, NAL-134	
* Results relates only to the sam * Test reports shall not be reprod	ples lested. Juced (except in full) without the written approval of	the laboratory.	LA809 7092	
orm : MD/PA-37	Janua - 02 / 28 04 2020		Jeejo P. Variath Unit Head (Civil) Khorfakkan	
age 1of1	Issue : 02 / 28.04.2009	- Rev., 047 20.00.2020	For GEOSCIENCE TESTING LABORATORY	





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REPORT ON CLAY, SILT AND DUST CONTENT

Report No.	: R1SH23-013331	Report Date	: 10/05/2023
Request No.	: Q1SH23-007641	Sample No.	: S1SH23-007641
Date Tested	: 04/05/2023 - 06/05/2023		
Tested By	: ABA		

Client References:

Project No.	: Not Given
Project Name	: Internal Quality Control
Senders ref. No.	: Not Given
Client	: Masafi Crusher
Address	: Fujairah, U.A.E
Consultant	: No Specific Consultant
Contractor	: No Specific Contractor
Source	: Masafi Crusher

Introduction

Further to The Instruction received from M/s Masafi Crusher, through tests requisition dated 04/05/2023, GTL has tested 10-25mm Crushed Gabbro Aggregate Sample for Clay, Silt & Dust content in accordance with BS 812 : Part 102.

TEST NAME	RESULT
	(%)
CLAY, SILT AND DUST CONTENT	0.4
(BY WASH)	







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CLAY LUMPS & FRIABLE PARTICLES

REPORT NO.	: R1SH23-013332	DATE : 10/05/2023
REQUEST NO.	: Q1SH23-007641	SAMPLE NO. : S1SH23-0076
SENDER'S REF.	: NOT GIVEN	PROJECT NO. : NOT GIVEN
PROJECT NAME	: INTERNAL QUALITY CONTROL	
CLIENT NAME	: MASAFI CRUSHER	
CONSULTANT	: NO SPECIFIC CONSULTANT	
CONTRACTOR	: NO SPECIFIC CONTRACTOR	
ADDRESS	: FUJAIRAH, U.A.E	
SAMPLED BY	; GTL REP	DATE OF SAMPLING : 04/05/2023
SAMPLE BROUGHT BY	: GTL REP	SAMPLE RECEIVED DATE : 04/05/2023
LOCATION	: STOCKPILE @ MASAFI CRUSHER	
LAYER	: NOT APPLICABLE	SAMPLE SIZE (kg) : 250
SOURCE	: MASAFI CRUSHER	LOT SIZE (m ³) : NOT GIVEN
SAMPLE DESCRIPTION	: 10-25mm CRUSHED GABBRO AGGREGATE	LOT NO. : NOT GIVEN

RESULTS

* Results relates only to the samples tested.

Form : MD/PA-29 Page 1 of 1

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CLAY LUMPS & FRIA	BLE FARTICLES (10)
COARSE FRACTION	FINE FRACTION
NIL	NA

TEST DATE	: 05/05/2023 - 09/05/2023
SAMPLING REPORT NO	: GTL/SH/SR/2023-0860
SAMPLING METHOD	: ASTM D 75 / D75 M-14
INITIAL SAMPLE PREPARATION	: ASTM C 117 - 17
TEST SPECIMEN PREPARATION	: ASTM C 142/C142M - 2017 Cls 5
TEST METHOD	: ASTM C 142/C142M - 2017 Cls 6
TEST METHOD VARIATION	: NONE
TESTED BY	: ATH
REMARKS	: NONE





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Rev. : 02 / 25.08.2018

Issue ; 01 / 10.10.2013





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REPORT ON FLAKINESS INDEX

REPORT NO.	: R1SH23-013333	DATE : 10/05/2023
REQUEST NO.	: Q1SH23-007641	SAMPLE NO. : S1SH23-007641
SENDER'S REF	: NOT GIVEN	PROJECT NO. : NOT GIVEN
PROJECT NAME	: INTERNAL QUALITY CONTROL	
CLIENT NAME	: MASAFI CRUSHER	
CONSULTANT	: NO SPECIFIC CONSULTANT	
CONTRACTOR	: NO SPECIFIC CONTRACTOR	
ADDRESS	: FUJAIRAH, UAE	
SAMPLED BY	: GTL REP	DATE OF SAMPLING : 04/05/2023
SAMPLE BROUGHT BY	: GTL REP	SAMPLE RECEIVED DATE : 04/05/2023
LOCATION	: STOCKPILE @ MASAFI CRUSHER	
LAYER	: NOT APPLICABLE	SAMPLE SIZE (kg) : 250
SOURCE	: MASAFI CRUSHER	LOT SIZE (Ton) : NOT GIVEN
SAMPLE DESCRIPTION	: 10-25mm CRUSHED GABBRO AGGREGATE	LOT NO : NOT GIVEN
	and the second state of th	

RESULTS :

TEST SIEVE (mm)	PERCENTAGE RETAINED
28.0	NIL
20.0	2.1
14.0	50.6
10.0	50.6
6.3	6.7

FLAKINESS INDEX : 14

TEST DATE	: 04/05/2023 - 06/05/2023
SAMPLING REPORT NO.	: GTL/SH/SR/2023- 0860
SAMPLING METHOD	: * ASTM D75/D75M - 14
INITIAL SAMPLE PREPARATION	: * BS 812:1989, SECTION 102
TEST SPECIMEN PREPARATION	: BS 812:1989, SECTION 105.1 CLS 6
TEST METHOD	: BS 812:1989, SECTION 105.1 CLS 7
TEST METHOD VARIATION	: NONE
TESTED BY	: HAS
REMARKS	* THIS TEST IS NOT INCLUDED IN THE SCOPE OF ACCREDITATION BY ENAS, NAL-134



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REPORT ON

	REPORT ON	
	AGGREGATE CRUSHING VA	LUE
REPORT NO.	: R1SH23-013334	DATE : 10/05/2023
REQUEST NO.	: Q1SH23-007641	SAMPLE NO. : S1SH23-00764
SENDER'S REF. NO.	: NOT GIVEN	PROJECT NO. : NOT GIVEN
PROJECT NAME	: INTERNAL QUALITY CONTROL	
CLIENT NAME	: MASAFI CRUSHER	
CONSULTANT	: NO SPECIFIC CONSULTANT	
CONTRACTOR	: NO SPECIFIC CONTRACTOR	
ADDRESS	: FUJAIRAH, U.A.E	
SAMPLED BY	: GTL REP	DATE OF SAMPLING : 04/05/2023
SAMPLE BROUGHT BY	: GTL Rep.	SAMPLE RECEIVED DATE : 04/05/2023
LOCATION	: STOCKPILE @ MASAFI CRUSHER	
LAYER	: NOT APPLICABLE	SAMPLE SIZE (kg) : 250
SOURCE	: MASAFI CRUSHER	LOT SIZE (m ³) : NOT GIVEN
SAMPLE DESCRIPTION	: 10-25mm CRUSHED GABBRO AGGREGATE	LOT NO. : NOT GIVEN

SIZE OF FRACTION TESTED : 14 - 10 mm

Results

	AGGREC	GATE CRUSHING VALUE (%)	16	
TEST DATE SAMPLING REPO SAMPLING METH INITIAL SAMPLE F	OD	: 08/05/2023 : GTL/SH/SR/2023- 0860 :* ASTM D 75 / D 75 M - 14 :* BS 812 - 102 : 1989 CLS 6		
TEST SPECIMEN TEST METHOD TEST METHOD V/ TESTED BY REMARKS	PREPARATION	: BS 812 - 110 : 1990 CLS 6 : BS 812 - 110 : 1990 CLS 7 : NONE : SNM	THE SCOPE OF ACCREDITATION BY ENAS	, NAL-134
* Results relates only to the * Reports shall not be reproc Form No. : PA-32	duced (Except in full) without the writ Issue No. : 01	Rey . No. : 01	Khorfokkan Tel.: 05 - 2308824	
Page 1 of 1	Issue Dt. : 02.07.2002	Rev. DI. : 05.10.2003	B 141.: 09 - 2389824 * Fax: 09 - 2386826 * Bay: 64500 stepsilo	alle
	2			Variath Id (Civil) akkan





REPORT ON TEN PERCENT FINES VALUE

REPORT NO.	: R1SH23-013335	DATE : 10/05/2023
REQUEST NO.	: Q1SH23-007641	SAMPLE NO. : S1SH23-007641
SENDER'S REF.	: NOT GIVEN	PROJECT NO. : NOT GIVEN
PROJECT NAME	: INTERNAL QUALITY CONTROL	
CLIENT NAME	: MASAFI CRUSHER	
CONSULTANT	: NO SPECIFIC CONSULTANT	
CONTRACTOR	: NO SPECIFIC CONTRACTOR	
ADDRESS	: FUJAIRAH, U.A.E	DATE OF SAMPLING : 04/05/2023
SAMPLED BY	: GTL REP	SAMPLE RECEIVED DATE : 04/05/2023
SAMPLE BROUGHT BY	: GTL REP	
LOCATION	: STOCKPILE @ MASAFI CRUSHER	
LAYER	: NOT APPLICABLE	SAMPLE SIZE (kg) : 250
SOURCE	: MASAFI CRUSHER	LOT SIZE (m ³) : NOT GIVEN
SAMPLE DESCRIPTION	: 10-25mm CRUSHED GABBRO AGGREGATE	LOT NO. : NOT GIVEN
SIZE FRACTION TESTED	: 14 - 10mm	
CONDITION OF SPECIMEN	TESTED : DRY	

RESULT

TEN PERCENT FINES VALUE (KN)

07/05/2023	
GTL/SH/SR/2023-0860	
ASTM D75/D75M - 14	
BS 812 PART 102 : 1989	
BS 812 PART 111: 1990 CLS 6	
BS 812 PART 111: 1990 CLS 7	ETESTING LABOA
NONE	At A A A A A A A A A A A A A A A A A A
HAS	Khortakkan Tel.: 09 - 2389824
NONE	(H) (Tel.: 09 - 2389824) [-
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	Jeejo P. Variath
	Unit Head (Civil)
Bev : 03 / 26 04 2014	Khorfakkan
	GTL/SH/SR/2023-0860 ASTM D75/D75M - 14 BS 812 PART 102 : 1989 BS 812 PART 111 : 1990 CLS 6 BS 812 PART 111 : 1990 CLS 7 NONE HAS NONE

Form : MD/PA-22 Page 1 of 1 Issue : 01/01.08.2001

Rev.: 03/28.04.2014

For GEOSCIENCE TESTING LABORATORY





REPORT ON FLAT AND ELONGATED PARTICLES IN COARSE AGGREGATES

Report No.	port No. : R1SH23-013336			
Request No.	: Q1SH23-007641	Sample No. : S1SH23-007641		
Sender's Ref.	: Not Given	Project No. : Not Given		
Project Name	: Internal Quality Control			
Client Name	: Masafi Crusher			
Consultant	: No Specific Consultant			
Contractor	: No Specific Contractor			
Address	: Fujairah, U.A.E			
Sampled by : GTL Rep.		Date of Sampling : 04/05/2023		
Sample brought by	: GTL Rep.	Sample Received Date : 04/05/2023		
Location	: Stockpile @ Masafi Crusher			
Layer	: Not Applicable	Sample Size (kg) : 250		
Source	: Masafi Crusher	Lot Size (m ³) : Not Given		
Sample Description	: 10-25mm Crushed Gabbro Aggregate	e Lot No. : Not Given		

Results :

	Test Sieve (mm)	Percentage Retained	
	25.0	NIL	
	19.0	6.9	
	12.5	60.5	
	9.50	27.6	
	4.75	4.9	
Dimensional ratio (Thickness / Length)		1:5	
Total particles by weight, g		NIL	
Percentage of flat and elongation particles by weight		NIL	

: 07/05/2023 - 08/05/2023	
: GTL/SH/SR/2023-0860	
: ASTM D 75 / D 75 M - 14	
: ASTM D 4791-05	
: None	
: HAS	
: None	

*Results relates only to the samples tested.

Form : MD/PA-124

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REPORT ON RESITANCE TO DEGRADATION OF AGGREGATE BY ABRASION AND IMPACT IN THE LOS ANGELES MACHINE

Report No.	eport No. : R1SH23-013337		Date : 10/05/2023	
Request No.	: Q1SH23-007641		Sample No. : S1SH23-007641	
Sender's Ref.	: Not Given		Project No. : Not Given	
Project Name	: Internal Quality C	Control		
Client Name	: Masafi Crusher			
Consultant	: No Specific Cons	sultant		
Contractor	: No Specific Cont	ractor		
Address	: Fujairah, U.A.E			
Sampled by	: GTL Rep.		Date of Sampling : 04/05/2023	
Sample Brought in By	: GTL Rep.		Sample Received Date : 04/05/2023	
Location	: Stockpile @ Mas	afi Crusher		
Layer	: Not Applicable		Sample Size (kg) : 250	
Source	: Masafi Crusher		Lot	Size(m ³) : Not Given
Sample Description	: 10-25mm Crushe	d Gabbro Aggregate		Lot No. : Not Given
Grading Designation	:B			
RESULT				
			1	
		LOSS BY ABRASION AND IMPACT THE TESTED SAMPLE	18	
Test Date		: 06/05/2022 - 08/05/2023		
Sampling Report No.		: GTL/SH/SR/2023- 0860		
Sampling Method		: *ASTM D75/D75M - 14		
Initial Sample Preparat	tion	: *ASTM C702/C702M - 18		
Test Specimen Prepar	ation	: ASTM C131/C131M - 20, Cls 8		
Test Method		: ASTM C131/C131M - 20, Cls 9		
Test Method Variation		: None		
Tested by		: ABA		
Remarks		: * This test is not included in the sco	ope of accreditation by	ENAS, NAL-134
	es lested ced(except in full)without the w	ritten approved of the laboratory (10 - 10 - 238924) + Fax: 09 - 238924 + Grove Shandar	Unit I	P. Variath Head (Civil)
Form : MD/PA-40 Page 1 of 1 Issue	: 01 / 18.03.2013	Rev. : 04 / 10.06.2020	Residence and the second second	NCE TESTING LABORATORY
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TCIS INSPECTION (THAILAND) CO., LTD.

819 MOO.9 SAMRONGNUA SUB DISTRICT, MUANGSAMUTPRAKAN DISTRICT, SAMUTPRAKAN 10270 THAILAND TEL : (662) 101-3118 FAX : (662) 101 3119 WEBSITE : <u>www.tcisthalland.com</u>

Certificate No.

: MR0037/2018-01

Date : July 31, 2018

CERTIFICATE OF SAMPLING AND ANALYSIS

1.Particular of Commodity (as declared)

VESSEL	<u> </u>
COMMODITY	STONE CHIPS SIZE: 10MM TO 20MM IN BULK
QUANTITY	: 44,900.00 MT
PACKING	: NIL (SHIPPED LOOSE IN BULK)
ORIGIN	: THAILAND
PORT OF LOADING	KRABI PORT, THAILAND
PORT OF DISCHARGE	: CHITTAGONG SEAPORT, BANGLADESH
DATE OF INTERVENTION	: 24-31 JULY 2018
CONSIGNOR	

2.Sampling

The increment samples were drawn during loading at every 50 m/t in order to provide the gross representative sample, were mixed and tested for their size by 10-20 MM screen, and then crushed, well Mixed and reduced by means of Riffle and Increment Reduction Manual Method into quality and sample with our reference sample No. MR-0037/1-5

3.Particle Size

A screen-test using calibrated screen was carried out on the total gross sample with the following results :-

Under 10 MM	: 7.62	%
10-20 MM	: 87.63	%
Over 20 MM	: 4.75	%

4. Analysis Results

analysis results were performed by our laboratory with the following weighted average from sub lots results :-

ACV	1	20.58	%	By BS 812-111: 1990
TFV (Dry Aggregate)	3	180.83	kN	By BS 812-111: 1990
TFV (Soaked Aggregate)	:	164.77	kN	By BS 812-111: 1990
LAA	:	22.80	%	By ASTM C131-14
SOUNDNESS	1	0.51	%	By ASTM C88-13
WATER ABSORPTION	:	0.14	%	By ASTM C127-15
FLAKNESS INDEX				By ASTM D4791-10
-Flakiness particles content		9.99	%	
-Elongated particles content	12	3.90	%	
-Flakiness and Elongated particles content	:	0.62	%	

Sr. No. 6319

www.tcisinspect.com

E-mail: info@tcisthailand.com





To whom it may concern

Fujairah National Quarry (FNQ) is the producer of high quality aggregate and crushed stone that has been recognized as one of the leaders among the manufacturers of Quarry products. This is due to its conformity to rigid standards and dispensable production capacity being constant in performance and finest quality.

FNQ is the partner of choice in most of the development projects in the region and continue to sustain the mark on the ongoing successful projects.

1. Production capacity is 200,000 MT per month and capable to export 20-60 mm Ballast Stone 70,000 M^3 /month for Bhai Bhai Trades.

2. Two giant filtered crushers are considered the most modern and sophisticated machineries in UAE with a current average aggregates production rate of 500 ton/hour.

SL NO	VEHICLE	QUANTITY	BODY TYPE
1	Giant filtered crushers	03	Crushers
2	Dozer	06	Bulldozer
3	Excavator	12	Excavator
4	Forklift	03	Forklift
5	Drill Machine	06	Driller
6	Wheel Loaders	10	Loaders
7	Dump Trucks	65	Dumper Truck

3. List of production equipments:

For Fujairah National Quarry

Best Regards,

Engr. Haiyl A. Mohammed Quarry Manager



INNOVATION DRIVES EVERYTHING WE DO... Tel.: +971 9 224 11 38, Fax: +971 9 224 11 58, P.O. Box: 383 Fujairah, United Arab Emirates, E-mail: Ingluj@elm.ae Subsidiary of Pajacrah Sudding Industrice P.S.C









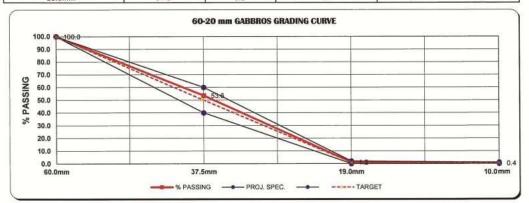
QUALITY CONTROL LABORATORY 1. SIEVE ANALYSIS

Sample No	:	Material Type	: 60-20mm CA
Date of Sample	: 19-Nov-19	Date of Test	: 19-Nov-19
Sampled By	: FNQ Rep.	Tested By	: Q.C DEPT.
Source	: F.N.Q CRUSHER	Moisture Content (%)	: 0.05
Weight of Dry Sample (gms)	: 12245.0	BulkDensity - (T/M ³) (Uncompacted/Compacted)	: 1.71 — 1.82
Sampling Method	: ASTM D75	Test Method	: ASTM C 136/C136M

Test for M/S. Bhai Bhai Traders

Project Name: Padma Bridge Rail Link Project. Source: Fujairah, United Arab Emirates (UAE)

SIEVE SIZE	CUM. WT. RET.	% WT. RET.	% PASSING		PROJ. SPEC	101
60.0mm	0	0.0	100.0	100	-	100
37.5mm	5681.7	46.4	53.6	40		60
19.0mm	6416.4	52.4	1.2	0	-	2
10.0mm	97.9	0.8	0.4	0		1



2. CLAY, SILT & DUST CONTENT

 WEIGHT OF DRY SAMPLE BEFORE WASHING THROUGH 0.075 MM SIEVE (GMS)
 =
 12245

 WEIGHT OF DRY SAMPLE AFTER WASHING THROUGH 0.075 MM SIEVE (GMS)
 =
 12196

 CLAY, SILT & DUST %
 AASHTO T 27
 =
 0.4

3. FLAKINESS & ELONGATION INDEX - PROJECT SPEC. (ASTM C295)

PAS. SIEVE (MM)	RET. SIEVE (MM)	WEIGHT (GMS)	SIZE FRAC.> 5%	FLAK. (GMS)	ELONG. (GMS
50	37	1167	146	36	0
37	28	4372	1155	93	180
28	20	5997	266	9	89
20	14	660	7	0	6
	TOTALS	12197	1574	137	275
FLAKINESS INDEX		12197	ELONGATION IN		2/5
	((26)) =	4		DEA (78) =	4
LIMIT MAX (%)	=	10	LIMIT MAX (%)		10

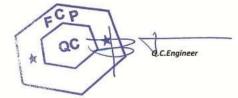
Note : Subsidairy of Fujairah Building Industries P.S.C

Remark :

Tested By

Elongation and Flakiness is good

Gradation is good.



FCP/QC/CA/2019-001/01

TEST REPORT IS COMPUTER GENERATED





REPORT ON RELATIVE DENSITY (SPECIFIC GRAVITY) AND WATER ABSORPTION

Test for M/S. Bhai Bhai Traders

Project Name: Padma Bridge Rail Link Project. Source: Fujairah, United Arab Emirates (UAE)

Sample No	: 1	Sampled By	: Q.C. DEPT
Source	: F.N.Q	Tested By	: Q.C. DEPT
Date of Sample	: 18-Nov-19	Sampling Method	ASTM D75
Date of Test	: 19-Nov-19	Test Method	: ASTM C128

Sample Description	60-20mm Crushed Aggregate	
Relative Density (Apparent)	2.99	
Relative Density (S.S.D.)	2.97	-
Relative Density (Oven Dried)	2.96	
Water Absorption (%)	0.39	

Remarks: Project spec. BSG = 2.6min. And W.A. = 1%max.

Q.C. Engineer



F81-QMP-06-A 07





TEST REF.: ASTM C 131

Test for M/S. Bhai Bhai Traders Project Name: Padma Bridge Rail Link Project. Source: Fujairah, United Arab Emirates (UAE)

PLANT #:		MATERIAL TYPE:	60 - 20mm
DATE OF SAMPLE:	19, Nov. 2019	DATE TESTED:	20, Nov. 2019
SAMPLE BY:	FCP TECH.	TESTED BY:	FCP TECH.
SOURCE:	FNQ Crusher		

	0	WEIGHT OF INDICATED SIZES (gm)				
SIEVE SIZES (Square Opening)		GRADING				
Passing	Retained	A	В	С	D	
37.50mm (1.50 in)	25.00mm (1.00 in)	1250 +/- 25			-	
25.00mm (1.00 in)	19.00mm (0.75 in)	1250 +/- 25				
19.00mm (0.75 in)	12.50mm (0.50 in)	1250 +/- 25	2500 +/- 10			
12.50mm (0.50 in)	9.50mm (0.37 in)	1250 +/- 25	2500 +/- 10			
9.50mm (0.37 in)	6.30mm (0.25 in)			5000 +/- 10		
6.30mm (0.25 in)	4.75mm (No. 4)			5000 +/- 10		
4.75mm (No. 4)	2.36mm (No. 8)				5000 +/- 10	
To	tal	5000 +/- 10	5000 +/- 10	5000 +/- 10	5000 +/- 10	

A. Weight of Sample before Test, (grms)		5006		
B. Weight of Sample after	r Test, (grms)	4855 for 100 revolution		
(Retained on No. 12 sieve)		3922 for 500 revolution		
C. Percentages of Wear				
а.	100 revolution, %	3.00		
ь.	500 revolution , %	21.70		
с.	ratio of loss 100/500rev	0.14		

REMARKS: Project Spec. Limit = 30%.

TESTED BY:

CHECKED BY C. Q.C. Engineer QC



	Mobile:	ARTMENT OF CIVIL EN 01819557564: PA8X: 5518710 http://britclest.ce.buel.sc ORTATION ENGINEERING	0 Ext. 7226 3 TI T S Brow of Research Deliver of Research
BRTC No. : Sent by : Ref. No. :	Manager (Financ	E /22-23; Dt: 07/01/2023 e), Spring City International Ltd. DER/TEST-20; Dt 07/01/2023	
Project :	SS Poer Project S	Shandong Paljun Electric Power Er	ignieering Co. Ltd.
Sample : Test : Date of Test :		ir k Density & Voids in Aggregate [Sampla ID: 20 ASTM C 29]
		TEST REPORT	
	Unit weigh	nt/Bulk Density (kg/m3) =	1620 kg/ m3
	12002203		
	Notes: Samples	were received in sealed condition	
Countersigned			Test Performed by:
Countersigner	1 by		Test Performed by : Amayon 18/1/2023 Dr. Annesha Enam



BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



DEPARTMENT OF CIVIL ENGINEERING Mobile: 01819557964; PABX: 55167100 Ext. 7226 http://briclast.ca.bueLac.bd TRANSPORTATION ENGINEERING LABORATORY



BRTC No.	: 1102-80201 /CE /22-23	; Dt: 07/01/2023	
Sent by	Manager (Finance), Spring C	ity International Ltd.	
Ref. No.	: SCI/BUET/BOULDER/TEST	-20; Dt: 07/01/2023	
Project	: SS Poer Project Shandong F	eijun Electric Power Engn	ieering Co. Ltd.
Sample	: Crushed Boulder	Sample ID:	20
Test	: Specific Gravity and Water	Absorption (ASTM C12)	7)
Date of Tes	£: 10/01/2023		

TEST REPORT

Sample Designation	Weight of oven dry sample	Weight of SSD sample	Weight of saturated sample in water	Bulk Specific Gravity (OD)	Absorption Capacity
	(gm)	(gm)	(gm)	(Relative Density)	{%}
Crushed Boulder	3067.4	3091.9	2019.2	2.86	0,80

Notes: Samples were received in sealed condition.



Countersigned by :

Dr. A. B. M. Badruzzaman Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh Test Performed by :



Dr. Annesha Enam Assistant Professor Department of Civil Engineering BUET, Dhake-1000, Bangladesh

Important Notes: Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed coverspected/conteiner under signature of the compatent authority. In order to avoid traudulent fabrication of test results, it is recommended that all test reports are collected by dury authorized person, and not by the Contractor/Supplier.

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DEPARTMENT OF CIVIL ENGINEERING Mobile: 01819557984; PAEX: 55187100 Ext 7226 http://briclast.ce.buet.sc.bd TRANSPORTATION ENGINEERING LABORATORY

BRTC No. Sent by	100.00	1102-80201 /CE /22-23 ; I Manager (Finance), Spring City		
Ref. No.	-	SCVBUET/BOULDER/TEST-20	; Dt: 07/01/2023	
Project	3	SS Poer Project Shandong Peij	un Electric Power Engnieering Co. Ltd.	
Sample	1	Crushed Boulder	Sample ID:	
Test	1	Los Angeles Abrasion Value	ASTM C-535-03]	

Date of Test : 10/01/2023

TEST REPORT

Type of Aggregate	Grading Type	Total Weight of Aggregate	Aggregate Passing 1.70 mm Sieve	Los Angeles Abrasion Value
	S. Martines	gm	gm	%
Crushed Boulder		10063	1331	13

Notes: Samples were received in sealed condition.

Countersigned by :

Dr. A. B. M. Badruzzaman

Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh Test Performed by :

Anu 23/1/2023

Dr. Annesha Enam Assistant Professor Department of Civil Engineering BUET, Dhake-1000, Bangladesh

Important Notes: Samples as supplied to us have been leaded in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signatum of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that ell test reports are collected by duty authorized person, and not by the Contractor/Supplier.

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BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



BRIC No.



Ref scrautteoucoexitati-at: Ci. 074.02023

Gemple anal by (Monoger (Finance), Spring City International Ltd.

: 8S Power Project Shandong Paijun Electric Power Engineering Co. Ltd. Roject Sample Source Not mentioned Sample Type Crushed Boulder 16/1/2023 Outo of Test

SOUNDNESS OF AGGREGATE BY USE OF SODIUM SULPHATE

uantitative Examinati	diff.				No. of Cycles:	6
Bleve sizes	Gradiog of or	ginal sample	Weight of Traction terfore test	Weight of Staction after Lieving	W pessing designated siwve after test	Weighted % losa
Passing - Actained	(an)	(%)	信用	(um)	[% iass)	[5]
Pan 13.C ann Targar than 2,5°)	1422.0	14	5176.0	5151.0	0.0	0.0
25" - 20"	2962.0	29	3037.0			11.2
\$0.0 mm + 37,5 mm	3105.0	21	0.9905	5055.0	0.5	0.5
20" - 1.5% 175 mes - 25.0 mm 115" - 1.0%	2010.0	20	1005.0			
20 mm - 10.0 mm (1 D* - 34%)	350.0	3		1000.0	0.5	0.1
12.0mm - 12.0mm	161.0	2		1000000	1	64-500
12.5 mm + 0.51 mm (197 - 8.8%)	0.0	C.		1	0.0	0.0
551mm = 4.75mm (38* = 50.4)	0.0	C	Contraction of the		0.0	0.0
Peaking 4.75 mm. (Focurry 143-0)	67.0	1		0.0	0.0	C.0
Tiotole	10017.0	100	++++		Sec. 10	C,4

Weighted Percentage Loss in Sodium Sulphate =

Noto: Freshly prepared solution was used.

8.

al tative Examination Sieve sizes	Particles eshibiling district					
Passing - Retained	Faking No. (%)	Spilling No. (N)	Crumbing No. (%)	Cracking His. (%)	Disintegration No. (%)	of particles before test
(20 - 375 mm (2.7 - 15)	10.07	0.0	0.0	0.0	0.0	27.0
37.5 mm - 158 mm - (1.5" - 394')	0.0	0.0	0.0	0.0	0.0	10.0

0.4

Notes: Samples were received in analysi condition



BUE , Ohaka-1000, Bangladeshi



Test performed by :

Anne)va Dr. Annesha Enam Assistant Professor Department of Ovil Engineering BUET, Dhaka-1000, Bengladesh

Insportant Notes: Samples as applied to us have seen tested in our laboratory. DRTC does not have any supportability as to the representative character of the samples required to be insend. It is require characterized that service are part in a service and social coverged without and an application of the compared of the samples required to be insend. It is require and part is a service and social coverged without and an application of the compared mathematication of the service and part is a service and best and the service and social coverged without and an application of the compared mathematication of the service and application of test results. It is reporter with the service and social of the service and service and social of the service and serv Contracto (Skopler)



BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



Project

DEPARTMENT OF CIVIL ENGINEERING Mobile: 01819557964; PABX: 55167228-57 Ext. 7226 http://brtc.ce.buet.ac.bd/#/home TRANSPORTATION ENGINEERING LABORATORY



BRTC No. : 1102-11772 /CE /19-20 ; Dt: 25/6/2020

China Railway Engineering Corporation Sent by

Ref. No. : Letter; Dt: 24/6/2019

: Padma Bridge Rail Link Project Sample : Stone Ballast (Sample-2, Ch. 55+00)

Test : Specific Gravity and Water Absorption (ASTM C127)

Date of Test : 2/7/2020

TEST REPORT

Sample Designation	Weight of oven dry sample	Weight of SSD sample	Weight of saturated sample in water	Bulk Specific Gravity (OD)	Absorption Capacity
	(gm)	(gm)	(gm)	(Relative Density)	(%)
Stone Ballast (Sample-2, Ch. 55+00)	3125.8	3132.0	2049.6	2.89	0.20

Notes: Samples were received in sealed condition.



Countersigned by:

iahl

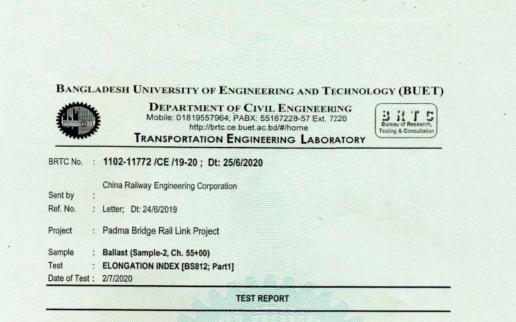
Dr. Md. Abdul Jalil Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh Test Performed by :



Dr. Md. Md Mizanur Rahman Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh

Important Notes: Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/" ",lie"





Elongation Index	Elongated Particles	Percent of material retained	Weight of material retained	Sieve Size
	(gm)	%	(gm)	mm
and a start of the				63
	Manata -			50
de sinskipper	608	47.4	2369	37.5
	1,222	49.2	2461	28
38 %	0	3.4	170	20
	0	0,0	0	14
	0	0.0	0	10
	0	0.0	0	6.3
	1830	100	5000	Total

Notes: Samples were received in sealed condition.

Countersigned by:

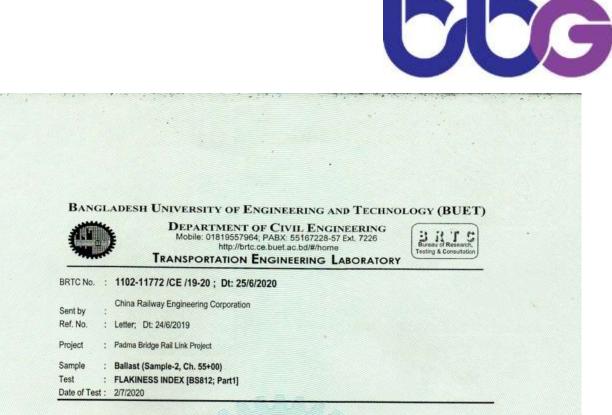
Dr. Md. Abdul Jalil Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh



Test Performed by 220

Dr. Md. Mizanur Rahman Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh

Important Notes: Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/Supplier.



TEST REPORT

Sieve Size	Weight of material retained	Percent of material retained	Flaky Particles	Flakiness Index
mm	(gm)	%	(gm)	
63			ham	
50	0	0.0	0	
37.5	2369	47.4	112	
28	2461	49.2	122	
20	170	3.4	0	5% -
14	0	0.0	0	
10	0	0.0	0	1
6.3	0	0.0	0	1
Total	5000	100	234	1

Notes: Samples were received in sealed condition.

Countersigned by:

Dr. Md. Abdul Jalil Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh



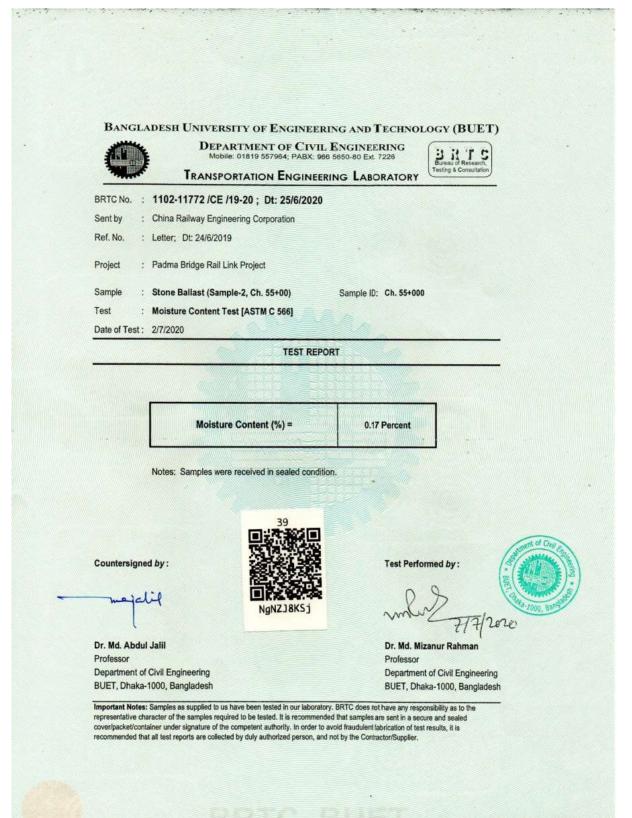
Test Performed by :

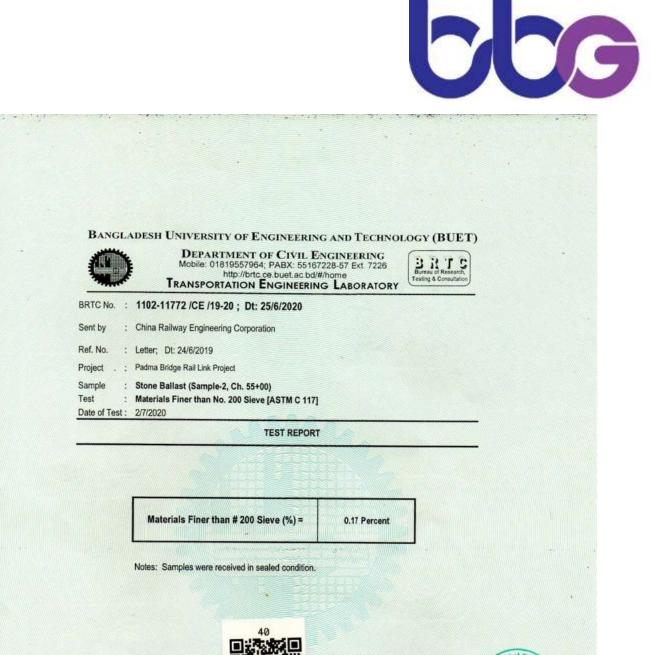
7/220 71

Dr. Md. Mizanur Rahman Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh

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Countersigned by:

Dr. Md. Abdul Jalil Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh



Test Performed by :

7 uno

Dr. Md. Mizanur Rahman Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh

Important Notes: Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/Supplier.

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10 19.90

BRTC No: 1102-11772 /CE /19-20 ; Dt: 25/6/2020

Sample sent by: China Railway Engineering Corporation

Project: Padma Bridge Rail Link Project

Sample Type: Ballast Date of Test: 2/7/2020 Sample Source: Sample-2, Ch. 55+00

Ref: Letter; Dt: 24/6/2019

uantitative Examinati	on				No. of Cycles:	5
Sieve sizes	Grading of ori	ginal sample	Weight of fraction before test	Weight of fraction after sieving	% passing designated sieve after test	Weighte loss
Passing - Retained	(gm)	(%)	(gm)	(gm)	(% loss)	(%)
Plus 63.0 mm (larger than 2.5*)	0.0	0	0.0	0.0	0.0	0.0
63.0 mm - 50.0 mm (2.5" - 2.0")	0.0	0	0.0			
50.0 mm - 37.5 mm (2.0" - 1.5")	4840.0	48	2015.0	2011.0	0.2	0.1
37.5 mm - 25.0 mm (1.5" - 1.0")	5089.0	51	1037.0			
25.0 mm - 19.0 mm (1.0" - 3/4")	70.0	1	0.0	1032.0	0.5	0.2
19.0 mm - 12.5 mm (3/4" - 1/2")	0.0	0	0.0			
12.5 mm - 9.51 mm (1/2" - 3/8")	0.0	0	0.0	0.0	0.0	0.0
9.51 mm - 4.75 mm (3/8* - No.4)	0.0 *	0	0.0	0.0	0.0	0.0
Passing 4.75 mm (Passing No.4)	1.0	0	0.0	0.0	0.0	0.0
Totals	10000.0	100				0.3

rNTRnbTf3

 Weighted Percentage Loss in Sodium Sulphate =
 0.3

 Note: Freshly prepared solution was used.
 0.3

B. Qualitative Examination

Siev	/e s	izes		Particles exhibiting distress				Total no.
		F	Flaking	Splitting	Crumbling	Cracking	Disintegration	of particles
Passing		Retained	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	before test
63.0 mm (2.5*	•	37.5 mm 1.5")	0.0	0.0	0.0	0.0	0.0	17
37.5 mm (1.5*	•	19.5 mm 3/4")	0.0	0.0	0.0	0.0	0.0	14

Notes: Samples were received in sealed condition.

Countersigned by : jahl

Dr. Md. Abdul Jalil

Professor (Department of Civil Engineering BUET, Dhaka-1000, Bangladesh

Test performed by Dr. Md. Mizanur Rahman mo



Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh

Important Notes: Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/Supplier.





Bureau of Research, Testing & Consultation

BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



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BRTC No.	:	1102-11772 /CE /19-20 ; Dt: 25/6/2020
Sent by	:	China Railway Engineering Corporation
Ref. No.	:	Letter; Dt: 24/6/2019
Project	:	Padma Bridge Rail Link Project
Sample	:	Stone Ballast (Sample-2, Ch. 55+00)

Test : Los Angeles Abrasion Value [ASTM C-535-03]

Date of Test: 2/7/2020

TEST REPORT

Type of Aggregate	Grading Type	Total Weight of Aggregate	Aggregate Passing 1.70 mm Sieve	Los Angeles Abrasion Value
		gm	gm	%
Stone Ballast	2	10000	1102	11

Notes: Samples were received in sealed condition.



Countersigned by:

Dr. Md. Abdul Jalil

Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh Test Performed by:

2020

Dr. Md. Md Mizanur Rahman Professor Department of Civil Engineering BUET, Dhaka-1000, Bangladesh

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Important Notes: Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/Supplier.





Work order







PURCHASE ORDER 采购订单

Ref.: THE BID PRICE OF PADMA BRIDGE RAIL LINK PROJECT

Date (日期): 2023.2.4

Order No. (采购单号); Ballast-0204

Company Name: M/S.Bhai Bhai Traders

	ription of items 物资名称	Place of Production 产地	Specificatio ns 规格型号	Unit Price with VAT/Tons in Taka 单价(BDT)	Remark 备注	
1 Ball	ast (道祚)	Dubai	bai 20-60mm 5150.00 Including ballast d and screanin			
The	specific supply q	uantity is subject to the	actual acceptance	quantity on site具体供应数量以现	间场实际验收数量为准	
技术标准: standard:	Employer's Rec 《雇主蕉求》					
Payment:	The monthly se cualified invoice	ttlement is based on the of for payment每月洁算的	e settlement statem (双方容署的店套单	ent signed by both parties。60 c 为准。收到正式合格发票后的天:	lays after receipt of the official 办理支付。	
Delivery Time: 交货时间:		4.16(70days) 50000T				
Delivery Site: 交货地点:	CH0-44(Dhaka	i to mawa)				
Fransportation: 运输方式:	The second second	cost of the goods to the	10000 (1000 A 1000 (1000 A			
Inspection Way: 验收方式:	现场检查重量 2.Submit all m	nt in site. Along with the t,随车携号运输清单和ti ill test report and BUET 测式报告及材质单、BUB	十量代码清单。 test report along w		list.	
Contact Detail: 联系方式:	E-mail					
	TAKA in cash. If CREC shall retu supply in the ord corresponding c 1. 为确保订单茂 应。买方在完成 2. The suplier sh qualifications be gradation and cl	f the supplier completes rn the performane bond der. If it cannot be completion ratio. 期週行, 卖方应向买方3 供应后一个月内无意远3 nall get the approval of the fore delivering At the sa	the supply of balls: to the supplier with leted, CREC will de 定付现金100万塔卡! 卖方。如无法完成 he project employe me time, the ballss irements.2. 卖方应	plier shall pay CREC a performa at in the agreed quantity within th out interest within one month af duct the supplier's performance 質约保证金。如卖方在订单有效从 英方将按照相应的完成比例对 (BR) and supervisor (CSC) on it t needs to be cleaned and scree 在供应前完成本项目业主 (BR) 及 犯及洁净度符合要求。	he validity period of the order, ther the completion of the bond according to the 明内完成订单约定数量的道辞供 卖方履约保证金进行扣除。 the supplier's relevant supply med to ensure that the ballast	
2 4 +%	and quantity me participate in the 后,卖方有必须)	asurement of the ballast acceptance work, the c	t by the employer (E consequences and I	operate with CREC to complete IR) and the supervisor (CSC) of he payment impact will be fully t (詐相关检测验收及计量工作,如	this project. If you do not borne by the seller. 3. 道祚选场	
	delivered produc over to the qualif has the right to n caused to CREC 合格、或对抽動:	t (ballast), if the samplin fied inspection departme equire supplier to clear to shall be borne by the s	ig inspection is unq ant for inspection ar the batch out of CR upplier. 4.甲方和业 的检验部门检验后:	e right to conduct a sampling ins ualified, or if the product (ballast id found that it cannot meet the i EC site, and all the costs arising 主及監理单位有权对每次送达的? 党现不能满足技术规格要求的。可 自乙方承担。	i) after the sampling is handed technical specifications, CREC therefrom and all losses 产品进行抽样检查、若抽检不	
		d (Division2-Unit4).			BHA	

中国中铁股份有限公司(二分部四工区) PADMA BRIDGE RAIL LINK PROJECT

帕德玛大桥铁路连接线项目

客户签字(Sign) :







CSIC International Engineering (Bangladesh) Co. Ltd.

WORK ORDER

Date: 02/02/2024

Address:

Yard Construction project of payra port Charipala, Kalapara, Patuakhali. To: M/S BHAI BHAI TRADERS

SL No.	Description	Unit Rate (TK)	Quantity(MT)	Remark
01	Stone chips (10mm-20mm) Gabrro stone (dubai UA)	4650	8000	Hook delivery in outer at payra port
02	Stone chips (10mm-20mm) Gabrro stone (dubai UA)	4650	12000	Hook delivery in inner at payra port

1. After all stone chips delivered can apply for 100% payment.

2. All payments will be paid by bank transfer or cheque.

3. Supplier shall guarantee the timely supply stone chips and shall not delay the supplying time.

If the buyer's machinery and equipment are shut down due to the supplier's delay in stone chips supply, all losses shall be borne by the supplier.

4. buyer shall bear all stone chips transportation cost from outer and inner to site.

5. The quality of stone chips shall meet the requirements of buyer.

6. Buyer shall responsible for unloading.

7. If supplier can not supply stone chips in time then the buyer keep right to refuse to receive stone chips .

8. This price shall excluding VAT & AIT.

9. Quantity measurement shall by both party joint Survey or joint survey with Third party.

 Payment will provide within 30 Working days after the invoice is provided. Signed By:

For and on behalf of the First Party

For and on behalf of the Second Party

Lif Representative of CSIC International Engineering (Bangladesh)

Representative of M/S BHAI BHAI TRADERS

Co. Ltd.



	_	1	1	Nork	Order		
Work Order	No.:	CRBG-CCECC J	V/PPFT/WD2	-WO		Date:	21/02/2024
Supplier Info	rmation				Buyer Informati	ion -	
Company Nat	ne:	NEW SHAHPOR	AN TRADING	a	Company Name:		CRBG-CCECC JV
Contact Perso	n:	MD. AMINUL IS	SLAM		Contact Person:		Steve
Cell Phone:		01307824554			Cell Phone:		01755643892
	-			Servic	e Details		Landardenter
序号	_	名称	单位	数量	单价	总计	餐 注
SN	1	Description	Unit	Qty	Unit Price	Amount	Remarks
1	5-	10mm Stone	Ton	3000	5.000.00	15,000,000,00	
2	10-	20mm Stone	Ton	7000	5,000.00	35,000,000,00	
Total Amount	in BDT:					50,000,000.00	
2. Payment: A	fter recivi	e days after receivin ng the work order. nsportion up to buy	ng the WO.		d conditions		
		nt information.					
		SHAHPORAN TR	ADING				
Account No.	3715020	001436					
Branch Nam Routing No.:	E RAJSH 18581199			al dead of	- 1008, 114P		nixing other type of stone, stone
should get app	roved by 1	the consultant befor	e the buyer ree	eive it. Oth	herwise the buyer ha	as the right to reje	nixing other type of stone, stone eet receiving the stone. If the stor he moisture content from
		as to be mentioned		100000000000000000000000000000000000000	P11/202		
		applicable for ban					
		t to measure and ce					
					without prior notice		
10. The Buyer	will notify	y the seller about st	ock availability	of stone.	The seller follow m	ust follow the buy	er availability of before deliver

The Supplier confirmation: (Signature and Seal)

1





中国中铁帕德玛大桥铁路连接线项目经理部一分部 THE FIRST DIVISION OF CREC PROJECT MANAGEMENT OFFICE OF PADMA BRIDGE RAIL LINK PROJECT

Ref No CRECD1-GP/Bhai Bhai-01

Date: 15 APR 2020

To M/S Bhai Bhai Traders

Sub:Purchase Order for Stone for Work of Padma Bridge Rail Link Project

Dear Sir,

We would like to initially confirm the following products:

1 Commodity Stone

Requirement of dimensions and quantity is given as follows:

Description	Grade	Quantity	Price	(TK)	Remark
	05-10mm	10000 tons	4700	47000000	Janjira
Dubai Stone			4700	94000000	Janjira
Dubai Stone	10-20mm	20000 tons	4700		0.000
Total		30000 tons		141000000	

4 Price 4700 TK per TONS by truck stone

- 5 Invoice It shall be made to China Railway Group Limited Division 1 Unit 2 Mawa.
- 6 Packing The raw material is transported to the buyer's site by the truck...
- 7 Delivery To be delivered to the designated place of Padma Bridge Rail Link Project ,Delivery location at Janjira.
- 8. Delivery time Ensure APR 17th to the designated location.
- 9 Mode of Payment Buyer will accord to the situation of monthly engineering valuation and make payment of monthly value of Stone for the seller within 60days after receiving the invoice.
- 10 Please issue the Delivery Order (D/O) in the following name:

Padma Bridge Rail Link Project.

Delivery location at _JANJIRA site Contact Mobil Mr. Wang +88 01790811088,

11 Invocie tite: China Railway Group Limited Division 1.Padma Bridge Rail Link Project.

Your confirmation will be highly appreciated



12 2. 4.0





CHINA RAILWAY GROUP(BD)LTD. padma bridge rail link project 2nd division unit 4 Address:Bhanga Tel: 8801305781622

PURCHASE ORDER

Date. 2020/2/28

Name:M/S.Bhai Bhai Traders

Datestime:

Address:Nasir Trade Center(Lave1-03)

Order

89 Bir Uttam C.R.Datta Road, (Senargaon Road) Dhaka-1205, Bangladesh

Your Quote No. CREC-PERLP-02-20200102

Please supply the following goods and servics in good terms and condition

Serial number	Quantity	Description of items	Specifications	Rate(BDT)	Amount (BDT)
1	40000 (T)	Ballast (Dubai)	20-60mm	4350	174000000
2	10000(T)	Ballast (India)	20-60 ms	4000	40000000
lote: The	ballast provi	ded by the supplier shall	couply with the	TOTAL.	214000000
"Employed Payment m telegraph documents will get local ban	r's Requirement othod: CREC has ic transfer (' such as invoid the actual pays k policy change No payment to	and a support of a support and a support of a support	t will be settled rials. Payment me payment procedure CREC without obj a 30 days. The pa not to be paid in which have to be	l after accept ethods include s are complete ection, M/S.B yment ratio in timely,CREC	ance. et cash, ed and the payment hai Bhai Traders s 100%. If the does not breach
	Bhai Traders av	t M/S.Bhai Bhai Traders of	m cost.		

Datektine: Jozo, Z.







PURCHASE ORDER 采购订单

Ref .: THE BID PRICE OF PADMA BRIDGE RAIL LINK PROJECT

Date (日期): 2021/Apr/24 Order No(采购单号): 2021001

	Active	International	
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	ription of Items Type Qty Taka 物资名称 規格 型量 单价					
1	Stone	5-10mm	15000 ton	5200.00		
2	Stone	10-20mm	15000 ton	5200.00		
TERMS & CON	IDITIONS (条款	:和条件):				
Payment: 付款条件:		pection qualified, Cl 交货、检验合格后 30	heque for transfer, Wi 天内转账支付	thin 30 days after		
Delivery: 交货日期:	10mm stone	arrive before 15rd M	e before 5 [#] May 2021. ay 2021 . 15000 吨 10 -10mm 碎石在 2021 句	-20mm 碎石在 2021 年		
Delivery Site: 交货地点;	1. No.1 mix 2. No.2 mix 3. Jessore p		3 project			
Transportation 运输方式:	: Up to site on	sellers cost 根据卖기	方到现场的成本决定			
Inspection way 验收方式:	and the rest of the second second	weight in site.现场检 sted delivery time is b	查重量。 efore 3 PAM 我们要求说	结抵时间在下午3点之		
Contact Details:	Mr. RASEL	Bengali) Cell 0172	1263380.			

For China Railway Group Limited (Division 3). 中国中铁股份有限公司 (三分部) PADMA BRIDGE RAIL LINK PROJECT 帕德玛大桥铁路连接线项目

客户签字:

2021. 04. 24.

LI LIANHAI Business Manager

BHAI BHAI GROUP COMPANY PROFILE





AGREEMENT FOR SUPPLY OF AGGREGATE

Padma Multipurpose Bridge Project (hereinafter referred to as Project), China Railway Major Bridge Engineering Group Co,.ltd (hereinafter referred to as MBEC) orders M/S Bhai Bhai Traders (hereinafter referred to as the Supplier) to supply 30000Ton stone chips 10mm-20mm crushed of rock from Fujairah,UAE hereby the two parties hereto agree to the terms and conditions hereunder:

1. Description of Aggregate Supply

The Supplier shall supply aggregate to the stockyard of construction Mawa site of Padma Multipurpose Bridge Project as designated by MBEC.

2. Rate of the Aggregate

Requirement of dimensions and quantity is given as follows:

Description	Size	Rate(TK/ton)	Quantity (Ton)	Remark
Stone chip	10mm-20mm	4320	30000	Mawa jetty

The Aggregate rate includes all VAT and related taxes, exclude unloading cost. If supplier use the third party jetty unloading then delivery to MBEC stockyard by truck includes unloading then the rate is 4468TK/ton.

3. Payment

2

When the qualified stone chips completed 2000 ton in this agreement then Supplier submit correct Bill within 3 days made the payment. Payment by A/C Cheque in favor of M/S Bhai Bhai Traders.

4 Method of Measurement for Payment Purpose

The quantity measurement shall be made by calculation based on Cargo vessel or truck.

5 Delivery Schedule

The Supplier shall strictly transport the Aggregate to the above mentioned stockyard as per schedule attached. If Supplier fails to supply on time or any poor progress, MBEC reserves the

Address: House No.454, Lane No.08, DOHS Baridhara, Dhaka, Bangladesh, Zip Code: 1229



中铁大桥局集团有限公司孟加拉帕德玛大桥项目经理部 PADMA MULTIPURPOSE BRIDGE PROJECT OFFICE CHINARAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD

right to refuse to be payable and terminate this agreement without any compensation to the

Supplier.

schedule attached: Before September 1, 2017 will be start delivery to Mawa jetty.

6 Quality Requirements

---1st, stone chips 3/4inch and 1/2inch. (Coarse aggregate)

a) MBEC laboratory shall execute test as per technical specification (enclose herein) against each consignment and issue the test report. The Coarse aggregate shall be clean, hard, durable crushed rock complying with BS EN 12620:2002 +A1:2008. The ten percent fines values shall be at least 150KN. The water absorption shall not exceed 0.8%. The flakiness index shall not exceed 30%.

The technical specification as follow:

(Coarse Aggregate)

Item	Standard Limited(限值)	备注
TFV	>150KN	10%细度值
ACV	<30%	压碎值
Flakiness	<30%	片状指数
Dry shrinkage	<0.075%	干缩
Material passing the 0.075mm sieve	≤0.5%	含泥量
Clay lumps	≤0.2%	泥块含量

Any Coarse Aggregate not in compliance with the above requirements or adulterated with mud and impurity shall be rejected by MBEC immediately. No any payment shall be made to Supplier for rejected aggregate.

---2^{ed}, the Principal for Aggregate

X,

a) Aggregates shall be obtained from a source approved by the Engineer;

- b) Aggregate shall be clean, hard, durable crushed rock, or natural sand complying with BS
 - 882, except that the NOTE in Table 5 of BS 882 shall not apply.;
- c) Aggregates of marine origin shall not be used in the Works.
- d) The drying shrinkage of aggregate shall not exceed 0.075% when tested in accordance

with BS 812:Part 120.

Address: House No.454, Lane No.08, DOHS Baridhara, Dhaka, Bangladesh, Zip Code: 1229 Tel.: +88-01766679231 E-mail: padmabridge@163.com Website: www.ztmbec.com



中铁大桥局集团有限公司孟加拉帕德玛大桥项目经理部 PADMA MULTIPURPOSE BRIDGE PROJECT OFFICE HINA RAILWAY MAJOR BRIDGE ENGINEERING GROUP CO., LTD.

- e) A certificate showing that the aggregate complies with requirements stated in the Contract, shall include results for tests on drying shrinkage for each nominal maximum aggregate size.
- f) The drying shrinkage of aggregate shall not exceed 0.075% when tested in accordance with BS 812:Part 120.
- g) All quarries shall be logged and described by a geologist with respect to potential sources of alkali aggregate reactivity in the concrete and all aggregates shall be examined petrographically with respect to alkali aggregate reactivity and other deleterious substances.
- h) MBEC laboratory shall execute test as per technical specification against each consignment and issue the test report. Any Aggregate not in compliance with the above requirements or adulterated with mud and impurity shall be rejected by MBEC immediately. No any payment shall be made to Supplier for rejected aggregate.
- The Supplier shall not postpone supplying of the total quantity if any Aggregate be rejected; otherwise no payment shall be made to the Supplier.
- j) Any Aggregate rejected by MBEC shall promptly and properly be removed out of project site by the Supplier at his own cost.

SIGNED BY:

For and on behalf of Padma Multipurpose Bridge Project China Railway Major Bridge Engineering Group Co., Ltd

SIGNED BY:

For and on behalf of M/S Bhai Bhai Traders

Address: House No.454, Lane No.08, DOHS Baridhara, Dhaka, Bangladesh, Zip Code: 1229 Tel.: +88-01766679231 E-mail: nadmahridge@163.com Wabrita: www.statica.com



KARN



道砟采购合同

Ballast procurement contract

(合同编号: BDR-[2019]-CG011)

(contract No. BDR-[2019]-CG011)

甲方: 中国电建孟加拉国达卡至纳拉扬甘杰铁路工程项目部

Party A: Power China Bangladesh Dhaka-Narayanganj railway project department

乙方: M/S. BHAI BHAI TRADERS

Party B: M/S. BHAI BHAI TRADERS

因孟加拉达卡至纳拉扬甘杰铁路工程施工需求,现需分批次采购道砟,经双方友 好协商,乙方为甲方供应道砟,现订立本协议:

Due to the demands of Bangladesh Dhaka-Narayanganj railway project department, Party A needs to procure the ballast by batches. After a friendly negotiation, Party B supply ballast to Party A in accordance with the following:

1、用料地址、运送方式拟采购量

1. Location, transportation method and quantity

1.1 用料地址: 孟加拉达卡至纳拉扬甘杰工程施工现场。

 1.2 运送方式:乙方负责运道砟到施工现场并卸货(运费、卸车费及税费均由乙方 负责)。

1.3 拟采购量:本合同拟采购道砟量合计约 6,000 m3,地点由我方指定。

1.1 Material location: construction site of Bangladesh Dhaka-Narayanganj project

1.2 Transportation method: Party B shall transport the ballast to site and unload (Party

B shall be responsible for the transportation fees, loading/unloading fees, and tax)

1.3 Estimated quantity: This contract will approximately procure 6,000m³, the location is pointed by part A.

2、计量与结算

2. Payment and measurement

Add: Jamtola House 3/2, New Chashara Narayanganj Tel:+880-1756922877 E-mail:bangladesh_railway@163.com http://www.powerchina.cn



2.1 道砟计量: 以双方现场量取确认数量为准。

2.2 道砟价格:执行协议约定价格,采购价为6500 TK/m3。

2.3 结算方式:乙方依据每月的供货计量单及道砟采购价格办理结算单,乙方出具相关手续办理结算,结算时预留当月结算款的5%作为质量保证金;质量保证金将在材料进场验收合格后,办理质保金结算单无息支付乙方。

2.1 Measurement: the quantity shall be confirmed by both parties at site

2.2 Ballast price: Execute the agreed price, procurement price 6500TK/m³

2.3 Payment method: Party B makes the settlement statement in accordance with each month's quantity sheet and unit price. Party B shall prepare the requirement paper work to make the settlement, 5% of settlement shall be deducted as the quality retaining money in each settlement. The quality retaining money will be released after the completion of work and approved by engineer. There will be no interest returned when pay the total quality retaining money.

3、甲方权利、责任和义务

3. The right, responsibility and obligation of Party A

3.1 甲方有权利随时对乙方供应的道祚质量进行检查、抽查与验收,如发现道砟质量有问题,甲方完全有权利要求乙方退货,乙方必须无条件接受并且承担相关损失与费用。

3.2 甲方安排乙方运输道砟车辆有序进入工地现场,若另有安排应及时通知乙方。3.3 甲方对乙方质量合格的道砟进行计量、办理结算与付款。

3.1 Party A has the right to check, inspect the ballast supplied by Party B, if the quality of the ballast has quality problem, Party A has the full right to ask Party B to take back the ballast. Party B shall bear all the responsibility and cost with no conditions.

3.2 Party B shall arrange the truck bringing the ballast to site orderly, if there is another arrangement, Party A will inform Party B.

3.3 Party A shall measure the quantity, make the settlement and pay the qualified ballast supplied by Party B.

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中国电建孟加拉国达卡-纳拉扬甘杰铁路工程项目部 PUILE CONSTRUCTION of DHAKA-NARAYANGANJ RAILWAY PROJECT

4、乙方权利、责任和义务

4. The right, responsibility and obligation of Party B

4.1 乙方向甲方供应的道砟必须符合主合同规定的质量要求及相关规定,如果因为乙方提供的道砟不合格导致甲方工程施工上的延误,乙方必须承担由此造成的损失。
4.2 乙方向甲方供科时,乙方须按照双方约定的数量及时送货,如乙方供料不及时造成甲方延误生产,甲方有权利扣除本次货款的5%作为补偿。

4.3 乙方向甲方送料时,乙方须将道砟运送至甲方施工现场,或者甲方指定其它地 点。

4.4 乙方负责将道砟运送至甲方指定地点, 期间所发生的运费及装卸费等全部由乙 方承担。

4.1 Party B shall supply the ballast to Party A in accordance with the quality requirements and other requirements in the main contract. If any delay at site caused by the unqualified ballast supplied by Party B. Party B shall take all the responsibility and costs.

4.2 Party B shall supply and delivery the ballast in the quantity in time agreed by both party when Party B supply the ballast to Party A. If any delay due to the supply and delivery of ballast by Party B, Party B has the right to detain 5% of this settlement as the compensation.

4.3 Party B shall supply the ballast to Party A's construction site or the location appointed by Party A.

4.4 Party B has the responsibility to transport the ballast to the place appointed by Party A, and the related cost or the loading/ unloading fee shall be taken by Party B during this period.

5、道砟质量要求

5. The quality requirement of ballast

5.1 乙方须配合甲方提供道砟质量试验报告,该报告需获得甲方、监理工程师和业 主的供应批准。

5.1 Party B shall cooperate Party A supply the ballast quality test report, and this report shall be approved by Party A, consultant engineer and the PD.

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中国电建孟加拉国达卡-纳拉扬甘杰铁路工程项目部 中国电建 CONSTRUCTION of DHAKA-NARAYANGANJ RAILWAY PROJECT

5.2 乙方需提供道砟采石场的名字和地址,用作道砟的矿石材料的初始检验结果, 乙方有义务接受甲方在材料源头质量控制的建议。

5.2 Party B shall supply the name and address of ballast quarry, and the initial test of the mineral ore used for the ballast. Party B has the obligation to take the advice from Party A on the quality control of the initial material.

5.3 乙方向甲方提供的道砟应符合一下规定:柔软易碎件不得超过 5%、超过 0.075mm 的精细物质不得超过 1%、黏土结块不得超过 0.7%,在洛杉矶机测试的磨损 百分比,不得大于 30%。具体参数以附件一为准

5.3 The ballast supplied by Party B shall meet the following requirements, the soft and fragile part shall less than 5%, Fine material of more than 0.075mm shall no more than 1%, clay shall less than 0.7%. Los Angeles abrasion shall no more than 30%. And the requirements shall obtain the attachment one.

- 6、纠纷解决
- 6. Dispute

在协议的执行过程中,因本协议条款引起争执,双方本着友好前提协商解决,如 协商不成,则依据孟加拉当地的法律仲裁来解决。

If there are disputes during executing this contract, the two party shall negotiate friendly, if the negotiation reaches no results, arbitration shall be appealed in accordance with the Bangladesh law.

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E-mail:bangladesh_railway@163.com http://www.powerchina.cn



中国电建孟加拉国达卡-纳拉扬甘杰铁路工程项目部 CONSTRUCTION of DHAKA-NARAYANGANJ RAILWAY PROJECT

七、合同的生效

POWERCHINA

合同订立时间:2019年6月9日

本合同经双方加盖公章并经法定代表人签字后生效。

7. The effectiveness of the contract

The signing date of the Contract:

The agreement will become effective only after it is signed and the officially stamped by the legal representatives of the two parties.

Contractor: Construction of Dhaka-Narayanganj Railway Project ,POWERCHINA (official stamp) Address: Chashara railway station Narayanganj.

Legal Representative: Shang Yuping Signature: 2019 +88-017-07538005/56922877 Telephone No.: Email address: Bangladesh vailway@163.com

Subcontractor: M/S. BHAI BHAI TRADERS

Address: NASIR TRADE CENTER (3RD FLOOR) 89,BIR UTTAM C.R DUTTA ROAD ,BANGLAMOTOR. Legal Representative: Mr. Aminul Islam

Signature:



Telephone No.: +880 1880 1610 12 Email Address: ERSHAD.EBC@gmail.com

Add: Jamtola House 3/2, New Chashara Narayanganj

Account No.: 01-1307885-01

Tel:+880-1756922877

E-mail:bangladesh_railway@163.com http://www.powerchina.cn



中国水电建设集团国际工程有限公司

Padma Multipurpose Bridge River Training Works Project Office

Our Ref: SHCL/PMBRTW/MBBT/2019/001

Date: 10th March,2019

To: Md. Aminul Islam

Managing Director

M/S Bhai Bhai Traders

Nasir Trade Centre, Level 12 Bir Uttam C.R Datta Road, Bangla Motor, Dhaka1205

Project Title: Padma Multipurpose Bridge Project - River Training Works

(Contract No- Sinohydro/M/2019/042)

Subject: The Work Order for Rock

Dear: Md. Aminul Islam

In response to the quotation raised by your company (hereinafter referred to as "Supplier") on 10th March ,2019, SINOHYDRO (hereinafter referred to as "Buyer") issues the Work Order as bellow:

Commencement date: 10th March, 2019

Expiry of Work Order: 10th April, 2019

Stocking Yards: Kawrakandi /Majihandi

Slot No.	Description	Unit Price (Taka)	Delivery Quantity(MT)
1	Indian Pakur Black Stone 100-500kg	4,650	5,000

Standard Description	Bulk Specific Gravity	Absorption	Soundness	Aggregate Crushing Value	Ten Percent Fines Value
Black Boulder (50kg-1000kg)	≥2.6	≤ 2%	≤ 12%	≤ 35%	≥125KN

NOTE:

a) Black Rocks shall be carried by truck without any white rocks. Any white rocks or

black rocks mixed with white rocks will be rejected.

黑石需用卡车运载,不能参杂白石。白石及任何混杂有白石的黑石都将不予接受。

Address: Flat # B4, Park House No.1, Park Road, Baridhara, Dhaka-1212, Bangladesh E-mail: <u>SINOHYDROpmbprtw@126.com</u> 1/5





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中国小电建设集团国际工程有限公司 SINGHYDRO CORPORATION LIMITED

Padma Multipurpose Bridge River Training Works Project Office

Terms and Conditions:

1. The unit price is firm and fixed for this Work Order, no escalation or increase for any reason will be considered by Buyer unless otherwise stated hereinafter. The said price shall be on a lump sum basis, including but not limited to the cost of equipment, staff, delivery, trans-shipment, loading/unloading services and any other incidental fee to be borne by the Supplier for fulfilling this Work Order regardless whether or not the same are specially described therein. Above price shall include all taxes and duties applicable in Bangladesh.

除非本条款中另有说明,否则本订单中的单价为固定不变的,买家不会因任何原因 考虑增加或上涨单价。上述单价为包干价,包含但不限于:设备、人员、运输、转 运、装载/卸载服务以及卖家为完成该订单所需承担的任何其它意外花费。上述价格 应包含孟加拉国所有税费和关税。

2. Under all circumstances, the Supplier is obliged as required by the Work Order to ensure the timely delivery of agreed quantity of rock to the designated stocking yards, such as Kawrakandi/Majikandi before the expiry of Work Order, that is, 10th April, 2019; After then, the Work Order will come into being null and void automatically, unless prior written consent to extending the delivery period has been made by the Buyer. 在任何情况下, 卖家应根据订单要求有责任保证在订单截止日期前(即 2019 年 4 月 10 日前)将双方同意数量的块石及时运输至指定的料场,如 Kawrakandi/Majikandi 料场。之后,本订单将自动失效,除非买家书面同意延长交货日期。

3. Any lot of boulder contains unsuitable material/deleterious substances will not be payable. Any lot of rock of poor chemical component/physical property or against the quality standard as required by the Buyer or/and Clause 2.3 of Specification will be rejected. If so, the Supplier will be obliged to remove the defective boulder from above stocking yards within 2 days since the receipt of verbal or/and written notice from the Buyer at Supplier's own cost.

Address: Flat # B4, Park House No.1, Park Road, Baridhara, Dhaka-1212, Bangladesh E-mail: <u>SINOHYDROpmbprtw@126.com</u> Web Site: www.SINOHYDRO.com

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中国水电建设集团国际工程有限公司 SINGHYDRO CORPORATION LIMITED

Padma Multipurpose Bridge River Training Works Project Office

任何一批参杂其他杂物或有害物的块石,买家将不予支付。任何一批质量不佳、不 稳定,或不满足买家要求的质量标准或技术规范第2.3条的块石,买家将不予接受。 在上述情况下,供应商在收到买家口头或书面通知后应负责在2天内自费从料场移 除不合格块石。



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4. Terms of Payment:

支付条款

 Measurement should be made as per metric ton on weighbridge (full truck-empty truck) with the presence and confirmation of the Buyer and Supplier, besides, the measurement result should be recorded and signed by representatives from both parties in the agreed form.

计量需有卖家和买家代表同时在场和确认,通过地磅进行计量(计量空载、满载 卡车),地磅按公吨计算。计量结果需双方代表进行记录与签字确认。

- 2) No payment will be made prior to the total delivery of 1000 MT of rocks to the designated Kawrakandi site. Each invoice shall be accompanied with appropriate evidence such as weight sheets for proving the quantity of delivery achieved. 只有在 1000 公吨块石全部运到指定的块石储存场地之后,买家才会给卖家支付货款。卖家每次提供发票的同时,都应提供合适的付款依据。如:用以证明到场方量的重量单。
- 3) It is noted that 5% of the payment will be retained by the Buyer as retention money until the satisfactory completion of the Work Order at which time the Buyer shall pay the Supplier the full retained amount. Provided that the Supplier fails to deliver the specified quantity of rock ripraps to site on time, an extension of one month will be granted to the Supplier to deliver the outstanding quantity. If the Supplier is capable of fulfilling the Works Order within the extended one month, the retention money will be refunded in due course, if not, aforesaid retention money will be forfeited forever and the Work Order turns to be invalid automatically, in all cases, the outstanding quantity of rock ripraps to be delivered within the extension of one month will be paid

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中国水电建设集团国际工程有限公司 SINGHYDRO CORPORATION LIMITED

Padma Multipurpose Bridge River Training Works Project Office

at the lowest rate as defined in the Works Order.

应指出的是,买家将保留货款的5%作为保留金,只有卖家全部完成试验订单中 规定的货物并达到买家满意,买家才会向卖家支付全部的保留金额。如果卖家没 能及时运送块石到买方现场,买方将宽限一个月给卖方继续运输块石至现场。如 果卖方在这延期的一个月内完成订单内容,则相应保留金会按程序返还给卖方。 如在延期一月内仍未能完成订单内容,上述保留金将予以罚没,这种情况下,订 单将自动失效,超出延期一个月之后运送到现场到块石将以订单内规定到最低价 支付。

4) The Buyer reserves the right of withholding payment in whole or in part provided that the rock cannot meet the quality/quantity set forth in the Work Order and Specification, or the Supplier fails to fulfill the Work Order in a timely manner.

若卖家提供的块石不能满足订单和技术规范中规定的质量/数量,或者卖家未能 及时完成订单中的工作,买家将会保留扣除全部或部分货款的权利。

 The Buyer reserves the right to terminate this Work Order at any time for any reason but with due information to the Supplier, Providing that the Supplier fails to fulfill this Trial Work Order.

如卖家未能履行本订单合同,买家保留在任何时候因任何原因终止本订单的权利, 但应及时将此信息通知卖家。

 Any claim against this Work Order raised by the Supplier will be taken as poor understanding of the content thereof and unacceptable.

供应商对该订单所提出的任何异议,皆被视为未充分理解订单内容,将不被接受。

7. In all cases, this Work Order is solely for authenticating SINOHYDRO's acceptance of Supplier's offer; any other purpose of utilizing it from commercial perspective such as loan, pledge or alike is strictly forbidden; Neither Party shall assign the whole or any part of the Work Order or any profit or interest in or under the Work Order to the third party. 在任何情况下,本订单仅证明中国水电接受了供应商报价;严格禁止将其用于任何

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中国水电建设集团国际工程有限公司 SINGHYDRO CORPORATION LIMITED

Padma Multipurpose Bridge River Training Works Project Office

商业目的,如贷款,质押或类似活动;任何一方均不得将订单全部或部分或此订单 下的利润或收益转让给第三方。

 Party A shall not be liable for any issue which occurs before the Goods is delivered to the designated site of the Party.

货物到达甲方指定料场之前,发生的一切事宜,与甲方无关。

For and on behalf of :

For and on behalf of :

Sun Xuliang Project Manage Padma Multipurpose Bridge River Training Works NOHYDRO Corporation Limited Address: Flat # B4, Park House No.1, Park Road,

Amm farmer

Md. Aminul Islam Managing Director M/S Bhai Bhai Traders Nasir Trade Centre, Level 12 Bir Jttam C.R Datta Road, Bangla Motor, Jhaka 1205

Address: Flat # B4, Park House No.1, Park Road, Baridhara, Dhaka-1212, Bangladesh E-mail: <u>SINOHYDROpmbprtw@126.com</u> 5/5

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PROCUREMENT CONTRACT

Of Aggregate

Date: 26th August 2018

Contract No.:DSTPP-2017-HT-14

The Buyer:	HydroChina Dasherkandi Sewage Treatment Plant Project
The Buyer:	Address: Aftab Nagar, Rampura, Dhaka Bangladesh
The Supplier:	M/S BHAI BHAI TRADERS

HydroChina Dasherkandi Sewage Treatment Plant Project (hereinafter referred to as Project), HYDROCHINA CORPORATION (hereinafter referred to as the Buyer) orders <u>M/S Bhai Bhai</u> <u>Traders</u> (hereinafter referred to as Supplier) to supply <u>50000 Ton stone chips crushed rock</u> <u>from Fujairah, UAE and India hereby the three parties and 10000 ton sand from Sylhet</u>.hereto agree to the terms and conditions hereunder.

1. Description of Aggregate Supply

The Supplier shall supply aggregate to the stockyard of construction Aftab Nagar site of Dasherkandi Sewage Treatment Plant Project as designated by the Buyer.

2. Rate of the Aggregate

Requirement of dimensions and quantity is given as follows:



LS	Description	Unit(S)	Qty	Unit Price(TK/ton)	Amount (TK)
1	Stone 1/2" Black from Fujairah, UAE and India	Ton	15000	4280	64,200,000.00
2	Stone %" Black from Fujairah, UAE and India	Ton	35000	4520	158,200,000.00
3	Sylhet sand 2.5mm	Ton	10000	1050	10,500,000.00
4	Total Price: BDT. Two Hundred Thi	rty Tow Millio	n Nine Hundre	d Thousand Taka	232,900,000.00

This unit rate cannot be adjusted on any condition. The unit price should include material, transportation, loading and unloading, labor and profit etc.





3. Payment

When the qualified stone chips completed <u>5000 tons</u> in this agreement then supplier submit correct bill <u>within 3 days</u> made the payment. The Buyer will pay the full amount in <u>14 days</u> after get the bill. Payment by A/C Cheque in favor as follows:

Company name: M/S BHAI BHAI TRADERS Account bank : Al-Arafah Islami Bank Limited Account No. : 0071020011496

Bank Code: Rajshahi(015811934)Branch

4. Method of Measurement for payment purpose

4.1 The quantity measurement shall be made by calculation based on truck.

4.2 The carrier shall be weighed in the presence of the Buyer Project site representatives and final weight at the unloading point shall be considered for the purpose of payment.

4.3 However, a variation of 0.5% shall be allowed as weigh bridge tolerance. In case of any shortage beyond the tolerance, the Buyer Project site to endorse the shortage in the front sheet of bulk Carrier Receipt Note. The details of such endorsement is necessary and the supporting documents like weighment slip and endorsed Receipt Note shall be intimated to the supplier within a week of receipt for settling such shortage claims. The value towards shortage quantity beyond the agreed tolerance limit shall be deducted from the payable amount against supply invoice.

5. Delivery Schedule

The Supplier shall strictly transport the Aggregate to the above mentioned stockyard as per schedule attached. If Supplier fails to supply on time or any poor progress, the Buyer reserves the right to be payable and terminate this agreement without any compensation to the Supplier.

Schedule attached: before November 1, 2018 will be start delivery to the Buyer Project site.

6. Quality Requirements

---1st, stone chips ¾ inch and ¼ inch. (Coarse aggregate).



a) the Buyer laboratory shall execute test as per technical specification (enclose herein) against each consignment and issue the test report. The coarse aggregate shall be clean, hard, durable crushed rock complying with BS EN 12620:2002 +A1:2008. The ten percent fines values shall be at least 150KN. The water absorption shall not exceed 0.8%. The flakiness index shall not exceed 30%.

The technical specification for stone as follow:

Test Item	Standard Limited	Remarks
TFV	>150KN	10%细度值
ACV	<30%	压碎值
Flakiness	<30%	片状指数
Dry shrinkage	<0.075%	干缩
Material passing the 0.075mm sieve	< 0.5%	含泥量
Clay lumps	< 0.2%	泥块含量

The technical specification for sand as follow:

Test Item	Standard Limited	Remarks	
grading	ASTM C33	级配	
fineness modulus	ASTM C33 2.3 - 3.1	细度模数	
clay lumps and friable particles	ASTM C33 ≤3.0%	土块与脆颗粒	
material finer than 0.075mm sieve	ASTM C33 ≤ 5.0%	含泥量	



Any Coarse Aggregate not in compliance with the above requirements or adulterated with mud and impurity shall be rejected by the Buyer immediately. No any payment shall be made to Supplier for rejected aggregate.

----2nd, the principal for Aggregate

- a) Aggregate shall be obtained from a source approved by the Engineer,
- b) Aggregate shall be clean, hard, durable crushed rock, or natural sand complying with BS 882, except that the NOTE in Table 5 of BS882 shall not apply,;
- c) Aggregate of marine origin shall not be used in the works.







- d) The drying shrinkage of aggregate shall not exceed 0.075% when tested in accordance with BS 812: Part 120.
- e) A certificate showing that the aggregate complies with requirements stated in the contract, shall include results for tests on drying shrinkage for each nominal maximum aggregate size.
- f) The drying shrinkage of aggregate shall not exceed 0.075% when tested in accordance with BS 812:Part 120
- g) All quarries shall be logged and described by a geologist with respect to potential sources of alkali aggregate reactivity in the concrete and all aggregate shall be examined petrography with respect to alkali aggregate reactivity and other deleterious substances.
- h) the Buyer laboratory shall execute test as per technical specification against each consignment and issue the test report. Any aggregate not in compliance with the above requirements or adulterated with mud and impurity shall be rejected by the Buyer immediately. No any payment shall be made to supplier for rejected aggregate.
- The Supplier shall not postpone supplying of the total quantity if any Aggregate be rejected; otherwise no payment shall be made to the supplier.
- Any aggregate rejected by the Buyer shall promptly and properly be removed out of the project site by the Supplier at his own cost.

THE BUYER

THE Supplier





Add: House28 & 30, Road-01, Block-F, Aftab Nagor, Badda, Dhaka, Bangladesh

Tel: +88-01829-864466

Email: dstppcl@stecol.cn



Authorized Representative

Mr. Md. Aminul Islam

Date of signature:

Add: Bir Uttam C.R. Datta Road, Bangla Motor, Dhaka 1205 Tel: 01711412731

Cell Phone: Email: ershad.ebc@gmail.com







中国港湾孟加拉达卡-库尔纳N8公路改扩建工程7标

DHAKA-KHULNA (N-8) ROAD IMPROVEMENT PROJECT PACKAGE 07

FAX TO :_____ DATE: 2019/11/01 PO NO. D20191101-01 PURCHASE ORDER

ATTENTION: Mr. MD.AMINUL LSLAM

COMPANY: M/S BHAI BHAI TRADERS

Dear Mr./Ms.:

We will purchase the materials as follows, please check and confirm.

NO.	NAME	PART NO.	QTY (ton)	UNIT PRICE (BDT)	TOTAL (BDT)
2	(Dubai) Stone	10-20mm	4000	4390	17560000
	Total:		4000		17560000

1. Delivery time 2019.11.02

2. All the materials shall be delivered during the period of 2019.11.02-2019.12.02

Settlement: The stone will be settled for every 2000ton after being delivered to the stor age yard.

 Payment: 100% material payment will be paid to the Seller within 7 days after settlement.

 Unit price component: the unit price included crushed stone cost, freight charges, service charges, overhead charges, profits, Seller's taxes, VAT (including resources tax), and all implied and indicated expenses.

 This order is only used for construction of the project, not as a basis of settlement. Party B shall supply stones according to the work order + otherwise this order will fail to invalid automatically.

7. Quality

类别 Category	型号 Size	拉术参数 Technical Parameters	技术要求 Technology Requirement	將试标准 Standard Test	融伏标用 Acceptance Criteria	善往 Remarks
醉石 Crushed Stone		設務: Grading	25(100), 20(90-100)	C0136-05	C0033-03	12.5(20-55), 10(5-20),5 (0-5)
	20mm-4. 75mm	含泥量 Clay Content	小干 0.5%。 小干 1.5 Less thur0.5%, Less than 1.5	C117	MBO	加限是約上,核0.5%控制, 加限是石粉,核1.5%控制 If it is day, press 0.5% control, if it is store powder, press 1.5% control





中国港湾孟加拉达卡-库尔纳N8公路改扩建工程7标

DHAKA-KHULNA (N-8) ROAD IMPROVEMENT PROJECT PACKAGE 07

軟羽顆粒含量 Friable Particles	小于 2% Less than 2%	C142	1480	
那块含量 Clay Lumps	小于 0.25% Less than0.25%	C142	M80	
针状指数 Elongation Index	小于 30% Less than30%	D4791-05	MBO	
片状指数 Schistose	今于30% Less thun30%	D4791-05	M80	-
压碎值 Aggregate Crush Value	小于 30% Less thm30%		3480	
10%石粉值 10% fines Value	大于 150KN Larger than 150KN		M80	
型闭性 Soundness	小子-18% Less than 18%	C88	AASHTO M80	Mg504(府派)。初次校 萧-(Solution), the initial detection.
唐耗值 LAV	小于 50% Less than50%	C131	AASHTO M80	初次換調 The initial test.

最大公称粒径 10-20mm 的骨料的级配要求 10-20mm aggregate requirements of the aggregate

Sieve Size (mm) 筛孔尺寸	% Passing By weight 通过率%
25	100
20	90~100
12.5	20-55
10	5-20
5	UNGINERRA 0-5

Delivery Address: South town Abdullahon Exeranigoni, Dhaka-1311, Bangladesh APPROVED BY : Tian Bin Material Department Manager

H/P: 88-01790571439 N8HTP

E-mail: wuqian@checdkn8.com

For any further clarification, please do not hesitate to contact us in advance





Date: 22.09.2019

Ref. No.: STORE/6270/19-20/58

M/S RELIABLE INFRASTRUCTURE A/8,NILGANJ ROAD,KALYANNAGAR/147/22 KOLKATA-700112,W.8,INDIA GST No 19AARFR0912M12P MOB-919830086545 &

M/S. BHAI BHAI TRADERS, Dhaka, Bangladesh

Kind Attn: Mr. Ranjit Sarkar

Subject: Purchase Order (PO) for Supply of Aggregates for Engineering, Procurement and Construction of Jetty, Retaining wall including construction of onshore/offshore civil, structural and architectural works for 2 X 660MW Maitree STPP, Rampal, Bangladesh.

References:

Your final discounted offer through email dated 22.09.2018 Dear Sir,

With reference to the above and the subsequent discussions we had with you, during the course of which, the entire scope of work and detailed terms and conditions have been agreed, we are pleased to issue this Purchase Order for the subject requirement.

I. <u>General De</u>	finitions:
----------------------	------------

Client / Employer	зţ,	Bharat Heavy Electricals Ltd.
Project	6	Engineering, Procurement and Construction of Jetty, Retaining wall including construction of onshore/offshore civil, structural and architectural works for 2 X 660MW Maitree STPP, Rampal, Bangladesh
Purchaser	1	Afcons Infrastructure Limited
Consignee	4	Bangladesh India friendship Power Company Pvt Ltd A/C Bharat Heavy Electricals Ltd A/C Afcons Infrastructure Ltd 2X660 MW STTP Project,Rampal Upzila,Bagerhat,Bangladesh.
Supplier	ja j	RELIABLE INFRASTRUCTURE

2. Scope of Supply :

 The scope of supply shall be aggregates to be supplied by Road as per the quantities given below;

19mm down - 5000MT 12.5mm down - 5000MT



120 0





The supplied aggregate shall conform to technical specifications as mentioned in Annexure 1 of this Purchase Order (PO).

2.2 The source of aggregates shall be from NALHATT/PAKUR, WEST BENGAL, INDIA only as agreed.

3. Destination / Product Discharge

- Destination of the ordered aggregates shall be Purchaser's project site with following address Bangladesh India Friendship Power Co Pvt Ltd Afcons Infrastructure Limited.
 2x660 MW MAITREE STP Project, Rampal Upzila, Dist. Bagerhat, BANGLADESH Contact Details: Mr.Saumen Dutta; M+880 1704 123 180 E-Mail: saumen.d@afcons.com
- ii. The basis of delivery shall be complete within 20 days .
- Delivery shall begin within 5 days after issuance of the letter of credit acceptable to the Supplier and completed within the agreed delivery schedule.
- Supplier shall dispatch the goods in Truck/Dumper at our site for discharging the aggregates.
- v. All Port dues at loading port are at supplier's expense and all port dues at discharge port except custom duty will be on the supplier's account.

4. Delivery

- i. The Date of L.R shall be considered as the date of shipment.
- ii. The aggregates shall be delivered within 5 days after receipt of the letter of credit.
- iii. Tests and Quality report cost will be to purchaser's account.
- iv. The weight will be certified our weigh bridge.
- v. If material will be rejected it should be replace at supplier cost.

5. Documentation :

 Supplier shall submit original invoice ,LR & Packing list Prior departure of material from Loading point through by hand or courier:

Afcons Infrastructure Ltd

Plot No 443/1,2nd Level ,B unit,2nd Phase

Road No 6,Shonadanga,

Khulna-9100,Bangladesh

On the basis of above documents purchaser's project site will apply for the necessary Customs duty exemption with Bangladesh authorities and shall be made available within 7 days of Receipt of these document

To be advised later



- The draft version of the above documents shall be first shared with above mentioned personnel and final pre-shipment documents to be prepared only upon their confirmation. (Draft of invoice and packing list has been enclosed with this order as Annexure 3)
- Supplier shall prepare final dispatch documents only upon confirmation from of draft documents from the Purchaser.

	(MT)	MT	Total Amount (USD)
Aggregates as per technical specifications mentioned in Annexure 1 19mm down5000mt 12.5mm down5000mt.	10000	27	270000/-
		Total	270000/-
	pecifications mentioned in Annexure 1 9mm down5000mt	Aggregates as per technical pecifications mentioned in Annexure 1 10000 9mm down5000mt 2.5mm down5000mt.	Aggregates as per technical pecifications mentioned in Annexure 1 10000 27 9mm down5000mt 2.5mm down5000mt. Total

6. Order Quantity and Price : (CIF)

7. Product Weight and Quality

- i. Weight will be finalized as per Afcons Infrastructure Ltd weigh Bridge at Rampal power plant
- ii. Any shortages shall be deducted from the payments due to the Supplier.

8. Packing / Shipping

• The Aggregates shall be shipped in Loose Bulk.

9. Payment Terms

A) 100% of the invoice amount will be released though an Irrevocable LC at sight & against receipt of ordered Goods at purchaser's project site and against submission of following documents:

- a) Original Commercial Invoice in triplicate
- b) Original Bill of Lading (B/L) in triplicate
- c) Confirmation from Purchaser's Project Manager stating that entire quantity of aggregates as mentioned in the B/L has reached site.

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- d) Packing List in triplicate showing the number of Lorry Receipt.
- e) Original Certificates of Origin issued by Chamber of Commerce.
- f) Petrography test & Quality report issued by an NABL accredited Laboratory.

10. Demurrages :

Any demurrages at the port of loading or unloading shall be on the account of the Supplier.

11. Import Facilities, Documents, Taxes and Fees

- All taxes, custom duties or levies imposed by the country of destination having any effect on this contract are on the Purchaser's account.
- Purchaser will have all import permission and permits in writing, and copies send to Supplier. Purchaser bears the sole responsibility of securing all permits, license are any other documents required by the government of the Importing nation, however Supplier shall assist him by providing required documents.
- Purchaser will bear all costs associated with securing such documents and will also bear all cost and penalties if such documents are secured.
- · Port dues, any other charges and related cost will be borne by Supplier.

12. Liquidated Damages:

In case of any delay from the agreed Schedule (for deliverables), Liquidated damages will be levied on the Supplier for the period of delay at the rate of 1% (One percent) of the order value for every week of delay subject to maximum of 10% (Ten percent) of the undelivered order value and the same will be deducted from any payment(s) due to the Supplier.

The Purchaser and Supplier agree that all amounts of such Liquidated Damages represent a fair and reasonable pre-estimate of the damages and/or losses likely to be sustained by the Purchaser.

The payment of Liquidated Damages shall in no case constitute a waiver, reduction or restriction of the Purchaser's rights and remedy at Law or in equity in respect of any other breach by the Supplier of his obligations under the PO, or relieve the Supplier of his obligations to diligently complete his scope or from any other of his obligations and liabilities under the PO or under applicable Laws, governing the supply of goods there under.

13. Force Majeure

If any time, during the continuance of order, the performance in whole or in part by either party of any obligation under subsequent order shall be prevented or delayed by





reason of any war, hostility, acts of public enemy, civil commotion, sabotage, serious loss or damage by fire, explosions, epidemics, strikes, lockouts or acts of God (hereinafter referred to 'events') provided, notice of the happening of any such event is given by either party to the other within 30 days from the date of occurrence thereof, neither party shall by reason of such event, be entitled to terminate this Order nor shall either party have any claim for damages against the other in respect of such non-performance of delay in performance, and supplies under the order shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of the Project Manager as to whether the supplies have been so resumed or not shall be final and conclusive,

PROVIDED FURTHER that if the performance in whole or in part of any obligation under the order is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may at his option terminate the order by giving notice to the other party.

14. Governing laws and Settlement of Disputes:

This Order shall be governed by and is construed in accordance with Indian laws. In the event that any Dispute arises between the Parties, the Parties shall first use their reasonable efforts to reach an amicable solution of any Dispute by means of direct negotiation within thirty (30) days from the date that a Party notifies the Dispute, failing which such dispute shall be finally and exclusively resolved by arbitration under the rules of ICC (three arbitrators - one appointed by each party and the third appointed by the other two arbitrators). The seat of the arbitration shall be India and the language shall be English.

Notwithstanding the fact that settlement of dispute(s) (if any) may be pending, the Supplier shall continue to be governed by and perform the Work in accordance with the provisions of the LOI.

15. Assignment:

Any assignment of this order or any rights hereunder or hypothecation thereof in any manner, in whole or in part, by operation of law or otherwise, without the prior written consent of the Purchaser shall be void.

16. Documents - Private and Confidential:

This order and everything contained therein is private and confidential and the Supplier shall not publish or issue to any third party any information, drawing, document or photograph concerning the works and shall not use them for the purpose of advertising except with the written consent of Purchaser.

The Purchase Order will be deemed effective from the date of the order acceptance by the Supplier.

The terms and conditions set forth above shall exclusively govern the scope of supply under this Purchase Order. Acceptance of this Purchase Order is expressly limited to the above terms and conditions.





The Terms and Conditions set forth above shall be applicable, and shall supersede any provision on Supplier's offer or other documents which are at variance with or in additions to these Terms and Conditions. No changes or additions to these Terms and Conditions shall be binding upon the Purchaser unless expressly agreed to in writing, executed by an authorized officer of the Purchaser.

No other terms & conditions shall be applicable.

RAMPA ROJEC

Thanking You,

Yours Faithfully,

For Afcons Infrastructure Ltd

V. Madhusudanan

Note: M/S. BHAI BHAI, Bangladesh will be responsible for the material handling up to the damping yard at Rampal Power Plant , Afcons Jattey @usd 8(\$35-\$27).

Enclosed:

1. Annexure - 1: Technical Specifications

2. Annexure - 2: Performance Bank Guarantee Format

3. Annexure - 3: Format of Invoice and Packing list

Received & Accepted by

M/S. BHAI BHAI TRADERS

M/S. RELIABLE INFRASTRUCTURE



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40. shohid tojuddh ahmed sorani teigaan (X. dhalia - 1208, bangiadesh phane +66 02 889 1688-703 (ad-232) tax +88 02 889 184 mailiteredigaalen net www.metigaalen.net

Purchase Order

Vendor Name & Address: M/S Bhai Bhai Traders Nasir trade Center (L-03) 89, Bir Uttam C.R Datta Road, Dhaka-1205

Dear Sir,

PO NO: NSL-MSTPP-71/BBT-1/2021 Date : February 01, 2021 Place of Delivery : MSTPP, Rampal Project: MSTPP

With reference to your price quotation ref: EG/BBT/QT-201112 dated November 12, 2020 Please delivery the following quantity of Stone Aggregates at our MSTPP, Rampal Site

SI no	Description	Quantity (MT)	Unit Price Per MT	Total Price(In USD)	Remarks
1	Supply of Stone Aggregates of 20mm at our designated stockyard at Batching Plant area at MSTPP Rampal Site on DAP Basis as per BHEL approved quality and source/origin.	46,000.00	34.00	1,564,000.00	Price Breakdown: (a) CFR Mongla Port: USD 23.00 & (b) Local transport and delivery at site USD 11.00.
1	Supply of Stone Aggregates of 20mm at our designated stockyard at Batching Plant area at MSTPP Rampal Site on DAP Basis as per BHEL approved quality and source/origin.	23,000.00	34.75	799,250.00	Price Breakdown: (a) CFR Mongla Port: USD 23.00 & (b) Local transport and delivery at site USD 11.00.
ż	Supply of Stone Aggregates of 20mm at our designated stockyard at Batching Plant area at MSTPP Rampal Site on DAP Basis as per BHEL approved quality and source/origin.	11,000.00	34.00	374,000.00	Price Breakdown: (a) CFR Mongla Port: USD 23.00 & (b) Local transport and delivery at site USD 11.00.
	111 1	Total An	nount (USD)=	2,737,250.00	

Amount in word : USD Two Million Seven Hundred Thirty Seven Thousand Two Hundred & Fifty only on DAP (MSTPP) B



nextSPACES 40. shahid fajudain ahmed sarahi leggron VA. (Bicku - 1208, bongrudesh phone +88.02.8891688.703 (ext 232) fax +88.02.8891184 ten recordunación del ww.nextspacei.net Delivery 1. For 25,000 MT of stone aggregates delivery from BHEL's previous approved source is to be made at our project site within 40 days of LC opening date 2. For 14,000 MT of stone aggregates delivery from BHEL's approved source is to be made at our project site within 70 days of LC opening date 3. Part- Shipment and Trans-Shipment is allowed 4. Total quantity of Stone aggregates must be supplied within 90 days after received this PO. 5. SIEVE Analysis report for Coarse aggregates must be submitted before delivery along with appropriate testing authority report Terms of Payment: 1. For payment we shall open at sight and irrevocable letter of credit (LC) without confirmation for at least 25,000 MT; payment against the LC will be made in the following manners: i. Payment of USD 23.00/MT will be released upon submission of (a) Bill of Lading, (b) Packing list, (c) Commercial Invoice, (d) Country of Origin etc. ii. Payment of USD 11.00/MT for 20mm will be made after delivery of the respective quantity at our above referred project site upon submission of (a) Certificate of Delivery by NSL/Delivery Challan and (b) Commercial Invoice. Other Conditions: 1. Stone Chips quality must be as per BHEL previously approved quality & source of origin. 2. If any deviation from the approved quality & origin, then DG Infratech will be responsible to compensate that and return the onstage materials and delivery of that quantity at their own cost. 3. NSL will claim liquidated damages (LD) will claim in case you fail to achieve the delivery schedule for the reasons attributed to you. In such event you will be liable to pay LDs @ 0.50% per week of delay of the order value of the undelivered portion of goods computed on per day basis. Cumulative amount of Liquidated Damages for delay in delivery shall not exceed 10% of the order value of undelivered goods. Such Liquidated Damages will be recovered by us by way of deduction from your Bill(s). 4. Project site measurement of materials will be final 5. Customer shall have the right to terminate this Purchase Order if the supplier: a) Suspends supplying the product or otherwise clearly demonstrate that it intends to cease performance of its obligations under this Agreement; b) Does not perform its obligations under the agreement is good faith more than one occasion; c) Becomes bankrupt or insolvent or is in the process of liquidation. 6. If any of the above occurs, customer may terminate this purchase order upon 20 days' notice to supplier. In this case customer shall pay all the amounts due to supplier under this purchase order within 28 days from the date of such notice with due adjustment. Financial duties and liabilities of the parties shall survive termination of this purchase order. 7. This purchase order may be modified or amended if the amendment is made in writing by both parties. Purchase Order contains the entire agreement between the parties regarding the subject matter of this purchase order and there are no other promises or conditions in any other agreement whether oral or written. This purchase order supersedes any prior written or oral agreements between the parties ai Jahangir Sr. Monaper counts & Finance) JEXT SPACESUTD



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entact Md.	Aminul Islam, Cell:01311-467984	Name & Co	ntact:Md. Ely	asur Rah, Cell: 019	88-405118
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Ref. No: SENARAJ/GEN/2024/27

Date: 28-03-2024

TO WHOM IT MAY CONCERN

This is to certify that New Shahporan Trading of Address INFRONT OF POSTAL ACADEMY, SOPURA, SHAH MAKHDUM has been maintaining a Current Bank Account bearing No- 3715020001436 with our branch since 27 June, 2022 and transaction of this account appears to be satisfactory. So far our knowledge goes, the personnel is financially sound and solvent.

We wish every success of the personnel.

(Md. Jalal Uddin) Senior Principal Officer (Manager) Rupali Bank Limited Rajshahi Cantonment Branch Rajshahi.

মোঃ জ্ঞালাল উদ্দিন ব্যবহাপক (এস.পি.ও) রূপালী ব্যাংক লিমিটেড রাহান্যী রাটনমেট শার, রচেশহী





City bank The City Bank Limited Head Office: City Bank Center, 28, Gulshan Avenue, Gulshan-1, Dhaka-1212, Bangladesh Sequence No. CBL/GULSHAN AVENUE BRANCH/Certificate/2024/165961

Date: 01 February, 2024

To whom it may concern

This is to certify that, NEW SHAHPORAN TRADING, of Address: INFRONT OF POSTAL ACADEMY, SOPURA, SHAH MAKHDUM has been maintaining a Savings account bearing Account No. 1781090000016 with The City Bank Limited, RAJSHAHI BRANCH (Routing No: 225272868) since 12 March, 2023 and the conduct of the account has been noted satisfactory.

This certificate is issued at the request of our valued account holder based on the accounts statement and without assuming any risk or prejudice on the part of this bank or any of its officials.



Authorized Signature

Sefate Rabbi Sumona Assistant Customer Services Officer The City Bank Limited Guishan Avenue Branch, Dhaka.

Authorized Signature

Chowdhury Md. Noor-E-Alam VP LSerior Cutoher Senito Manager The City Bank Limited Guishan Avenue Br., Dhaka.

Phone: +880 2 58813483, 58814375, 58813120 Fax: +880 2 58814231; G.P.O. Box No. 3381, Dhaka E-mail: info@thecitybank.com; Web: www.thecitybank.com; SWIFT: CIBLBDDH



Company Documents

- National ID
- Trade License
- TIN
- BIN
- IRC
- Membership Certificate







ঢাকা দক্ষিণ সিটি কর্পোরেশন

www.dscc.gov.bd





ছানীয় সরকার (সিটি কর্পোরেশন) আইন, ২০০৯ (২০০৯ সনের ৬০ নং আইন) এর থার ৮৪- তে প্রদন্ত ক্ষমভাবলে সরকার প্রশীত আদর্শ কর তথ্দসিগ, ২০১৬ এর ১০ অনুচেহদ অনুযায়ী ব্যবসা, বৃত্তি, পেশা বা শিল্প প্রতিষ্ঠানের উপর আরোপিত কর আদরের নক্ষা নিশ্ববর্ণিত ব্যক্তি প্রতিষ্ঠানের আনুকুলে অর ট্রেড নাইসেন্সটি ইস্যু করা হলে।

লাইসেন্স ইস্যুর বিবরণ

ইস্যুর তারিখ :28/08/2023 ইস্যুর সময় :13:13:30

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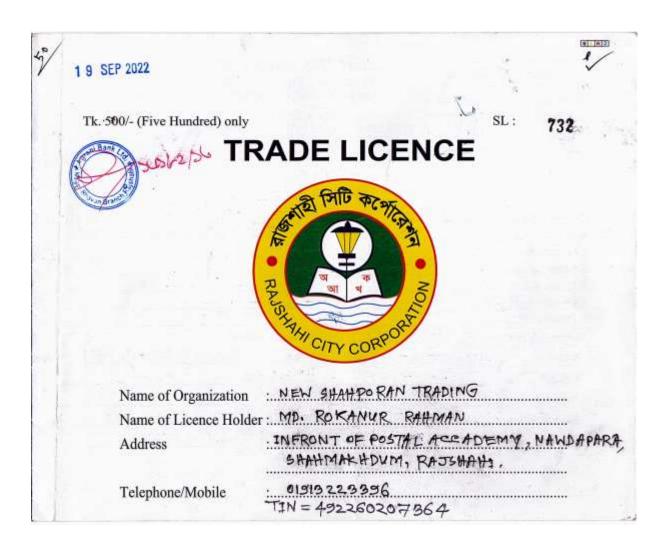




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٤)	ধৰ্তমান ঠিকানা	1	শুদ্রার মোড়, স্টেশন রোড, ঘোড়মারা, বোয়ালিয়া, রাজশাহী।
S)	পর্যায়ক	5	ব্যক্তি ৷
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${\bf k})$	পুরাতন টি,আই,এন	8	প্রযোজ্য নহে
জ)	ব্যবসা সনান্তকরণ সংখ্যা (BIN)	0	প্রযোজ্য নহে।
	হরি একজন নির্বাগ্নত করদাতা।	আইন	মনুল ইসলাম সার্কেল-০২(কোম্পানীজ), কর অঞ্চল া ২০২৩ এর ১৮০ ধারায় খনির্ধারণী পশ্ধতিতে আয়ক চিত ।
হারিখ	: 38/08/2020 B.	in the	(মৃহাঃ রাশেদুল হাসান) উপ কর কমিশনার সার্কেল-০২(কোম্পানীজ) কর অঞ্চল-রাজগাই। ফোন : ০২৫৮৮-৮৫১৬৭৮ c-mail: tc2rajshahi@gmail.com

বিপ্রেরা আদার অধ্যাদেশ ১৯৮৪ এর ১৮৪(চি।) ব্যার্য বিধান যোতাকেরু পেশা/বাকা স্কুলে দৃশ্যমান স্থানে সনন/সনলের প্রায়লিপি বুলাবের জন্য অনুরাবে করা হবল। ধন্যায়া, ১২৪ ধারায় জনিয়ানা অর্ত্যেগ্যযোগ্য।







Licence Issue D	Details Reve	hi City Corpor	ration
Ward Number Issue Serial Number	Issue Date Nag	ar Bhaban, Rajsha	ahi
	19/08		
	TR	ADE LICENCE	
Government under the p	nment (City Corporation) A ower of section 64 for the p	irpose of levying tax of	the Model Tax Schedule 2016 by the n Occupation bussiness and livelihood he period specified on pages 7 and 8.
1. Owner's Name 2. Father / Husband's Na	mb Rokanu	R RAHMAN	in period specified on pages 7 and 8.
 Mother's Name Owner's Address 	MD. REZAL		
5. Owner's NID No.	JUGIA School	PARA, JUGIA-	-7000, KUS#11A,
Present Address :	7304537728	S Permanent Addre	ess :
Village : 30	GIA SCHOOL PARA	Village	JUGIA SCHOOL PARA
Holding/Road No :		Holding/Road No	:
Post Office : _ J	UG1A-7000	Post Office	: JUG1A-7000
Police Station : 🔨	SHTIA SADAR	Police Station	KUSHTIA SADAR
District :	(USHTIA	District	KUSHITA .

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1. Date of deposit	23.07.2023					/	5
2. Licence book nu				Invoice boo	ok number	2148	
3. Amount of Mon	ey : Licence Renewal Fee	=	6000				
	Sign Board fee	_	12nd	0			
	Surcharge		-(-				_
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	Total Taka (In Number			-040	L .	1 11	
	Total Taka (In Word)	= 5	even-	thousend	L pava hu	induced to	the of
Scrool number				Date		12.1.2	
Source : Amount of 1	Money 200 . 0 6 Invoid	e No 8	70 D	ate 23.7.23	Bank and bra	Inch Name St	nali
VAT 15% Amount	t of money 1486.10 Invoid	No L	80 D	ate m	Bank and he	Labore K	soias
Bapkellerester		13	ink's Se	+//		13. 202	
1. Date of deposit	09.07.2020	ent	e p	riod	SS NO: 149		
1. Date of deposit 2. Licence book nu	09 + 07 + 202 mber 732	yen J		nvoice boo			
1. Date of deposit 2. Licence book nu	newal effectiv 09.07.202 mber 432 ey : Licence Renewal Fee	yen J	6000	nvoice boo	SS NO: 149		
1. Date of deposit 2. Licence book nu	newal effectiv 09.07.2020 Imber 432 ey : Licence Renewal Fee Sign Board fce	yen J	6000	nvoice boo	SS NO: 149		
1. Date of deposit 2. Licence book nu	og • of • 2020 imber <u>432</u> ey : Licence Renewal Fee Sign Board fee Surcharge	yen J	6000	nvoice boo	SS NO: 149		
1. Date of deposit 2. Licence book nu	og • of • 2026 amber <u>192</u> ey : Licence Renewal Fee Sign Board fee Surcharge Arrears		6000 120	nvoice boo	SS NO: 149		
1. Date of deposit 2. Licence book nu	evval effectiv 09.07.2020 amber 732 ey: Licence Renewal Fee Sign Board fee Surcharge Arrears Total Taka (In Number)		6000 120 7200	nvoice boo	SŠ NO: 149 k number 7	13. 202 * 884	
1. Date of deposit 2. Licence book nu 3. Amount of Mon	og + of + 2026 amber	=	6000 120 7200	nvoice boo <u>00</u> 10 + 00 10 + 00 10 + 00 10 + 00	SS NO: 149	13. 202 * 884	
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	(নির্দেশ হবে মন্দির কর দেশ হবে মনির্জর"
Governm	nent of the people's Republic of Bangladesh
	National Board of Revenue Income tax Department
	Income Tax Department
TIN: 492260207364 /2023-2024/	6-2 1.4 Date: 07/02/2024
Particulars of Taxpavers :	
A) Name	: Md. Rokanur Rahman, Prop: New Shah Poran Trading.
B) Father's/Husband's Name	Md. Rezaur Rahman
C) Current Address D) Permanent Address	: Infront of Postal Academy, Nawdapara, Shah Makdum, Rajshahi. : Jugia School Para, Jugia, Kushtia Sadar, Kushtia PO: 7000.
E) Status	Individual
	ala
F) Tax Payer Identification Num	
14	(TIN): N/A (Circle-18, Kushiia)
G) Business Identification Numb	er (BIN): N/A
This is to surfice that Add Rol	kanur Rahman, is a registered assessee of Circle-18 (Salaries), Kushtia, Ta
Zone-Khulna.	Autor Hanning I a regulated and a contract of the
His Assessment has been Cor	npleted for the Assessment year 2023-2024 and tax paid in full.
	* */
Please Note:	1 Stat
I. A Taxpayer is liable to file the Return	a of Income under
section 166 of the Income Tax Law 2 2. Failure to file Return of Income under	023. (Mid. Wastur Islam) resction 166 is Deputy Commissioner Of Taxes
liable to-	Circle-18(Salary), Kushtia Taxes Zone- Khulna
(a) Penalty under section 266; and (b) Prosecution under section 311 of t	
2023	













BHAI BHAI GROUP

Corporate Address:

Nasir Trade Center (Level-3) 89 Bir Uttam C.R Datta Road (Sonargaon Road), Dhaka- 1205