## RAKMET

# RAK MIDDLE EAST TRADERS LLO

PROJECT NAME PROPOSED B+G+1+ROOF RESIDENTIAL VILLA ON PLOT NO: 6454238 AT WADI AL SAFA 3 (AL BARARI), DUBAI

**CLIENT: MR. EUGENE MAYNE** 

**CONSULTANT: M/S NAGA ARCHITECTS** 

CONTRACTOR: M/S. ARIFCO BUILDING CONTRACTING

WORKS SUPPLIER: M/S. RAK MIDDLE EAST TRADERS LLC

**MATERIAL: REINFORCEMENT STEEL** 

## PRE-QUALIFICATION & MATERIAL SUBMITTAL FOR EMIRATES REINFORCEMENT STEEL

P O Box: 6578, Ras Al Khaimah, UAE | Email: sales@rakmet.com P O Box: 5647, Dubai, UAE | Tel: +971 4 885 7374, Fax: +971 4 885 7375

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## RAKMET - PROFILE & PRODUCTION PROCEDURE



## **COMPANY PROFILE**

**RAK MIDDLE EAST TRADERS LLC** is part of a group of steel trading companies comprising the Middle East Traders (Abu Dhabi, UAE), Sunre Industries (Dubai, UAE) & Middle East Traders (Oman) which have over fifty years of experience in the steel and building materials business in the UAE and Oman.

We offer reinforcement steel as per British Standards BS 4449/2005 GRADE B 500B which is approved by DCL, ISO & UK CARES. Rebars are available in 08mm-40mm diameters. The steel is sourced from Qatar, Oman and UAE. It has also the capacity and experienced manpower to undertake other than British Standards as per the requirements of the customers.

Also we are a major dealer of Mechanical couplers (Thread & Grip Type) for rebars which is manufactured in Taiwan under the Brand Name of "BARSAFE COUPLER". Our other products are Epoxy Coated Rebars, Welded Wire Mesh, Plywood, Whitewood, Binding Wire and Nails.

Some of our valued customers are Dubai Municipality, DEWA, RTA, China State, Strabag, Al Sahel, Al Ahmadiah, Binladin, Al Rostamani Tiger Group, Naresco, UNEC, Gulf Asia and various projects of Nakheel, Emaar and Al Hamra Group. Leading consultants like Parsons, Suweidi Engg, SNC Lavlin, Al Burj, Al Gurg etc. have approved our steel for various projects and customers.

We have well educated trained staffing all departments to execute all the demands of the customer. It has a total of 125 members are in management and technical positions.

Sunre Industries LLC is our sister concern for processing Cutting and Bending Steel Rebars.

#### INQUIRIES, ORDERS AND TECHNICAL

#### 1.0 PROCEDURE

- When an invitation to tender or an enquiry is addressed to the factory for a cut and bend job, the Marketing Manager studies the available information. If the scope of that job is within the factory capability, then the Marketing Manager will follow- up this invitation or enquiry and prepare an Estimation Report, assisted by the technical dept. engineers.
- If the enquiry's corresponding structural drawings are sent to the factory by the client, then the assigned Engineer fills in the Incoming Drawings Register. Otherwise the Co-ordination Engineer (or the Marketing Manager) will visit the client's premises or site to collect the structural drawings.

#### **1.1 Estimation Report**

- The Marketing Manager or the assigned engineer will study the structural drawings in order to ensure that the required work is clearly defined and within the company's capabilities. The client will be asked to clarify any ambiguous points and requirements.
- The Marketing Manager and the assigned engineer will do their best to identity accurately (as much as possible) the following points in the Estimation Report:
  - a) Complexity of the required cutting & bending.
  - b) Quantities and sizes (dia. mm) of stell.
  - c) Types (ordinary or epoxy coated) and origin of steel (e.g.: Emirates, Qatari, Omani, Turkish)
  - d) Waste percentage for cut and bend.
  - e) Minimum quantity per delivery.

#### 1.2 Quotations

- Based on the prepared Estimation Report the Marketing Manager will decide the tonnage production price that will be quoted to the client in the Company Quotations.
- The Company Quotation defines the scope of work; delivery program, terms and conditions; special condition and requirement; minimum quantity per delivery; tonnage production prices, etc.
- The Company Quotation will be signed by Marketing Manager and sent to the client.

#### 1.3 Bar Bending Schedules (BBS)

• The assigned Engineer will study the corresponding structural drawings and prepare the Bar Bending Schedule (BBS), showing all dimensions and details. He will prepare the necessary sketches or shop drawings for steel fixing as per the contract. These sketches and shop drawings are regarded as part of the BBS and must be all approved by the client using the Submittal Sheet. The sketches and shop drawings are identified by date and revision number, and a register is used to control them. ID's and Bar Marks that are designated by the assigned Engineer in the BBS will also appear in the sketches / shop drawings and machine labels / tags to facilitate the traceability.

- The production software (ARMAOR) generates a unique number for each production order.
- If the client provides the company with BBS (prepared by the client) then it will be accepted as long as it is clear to the Production Department (i.e., Computer Programmer and Production Coordinator)

#### 1.4 Technical

- Upon receiving the client's Local Purchase Order (LPO) or confirmation letter, the Marketing Manager reviews the LPO against the quotation. If it is found to be ok, he informs the Accounts Department about the new project / order. If the BBS are not prepared yet and if they are vital to the works, then an Engineer is assigned to prepare them. Copy of the BBS will be submitted to the client, where necessary, for his approval via the Submittal Sheet.
- The client is requested to inform the factory about the exact required delivery dated via the Steel Requisition Form.

  The client's delivery schedule / order will be passed to the Production Department.
- Any amendment or variation received from the client (at any stage) will be reviewed by the Marketing Manager. If it is received before starting cut & bend process then the concerned personnel in Technical and Production Departments are informed to consider that amendment or variation respectively in the BBS and production programs. If the production has already started and the purposed amendment or variation affects the already finished items, then a suitable action will be agreed upon with the client. Any effect of the amendment or variation on the total cost will be also agreed upon with the client.
- The Engineer working on the client's structural drawings is responsible for contacting the client to check the validity of such drawings (latest issue and revision). Upon receiving any modified drawings, the old ones will be destroyed or identified as suppressed (S/S), replaced by the new ones and updated in the incoming drawings register. Shop Drawings produced by the Engineer must be recorded into the Shop Drawings Register.

#### PRODUCTION PLANNING AND CONTROL

#### **2.0 PROCEDURE**

Clients are asked to submit their confirmation / schedule / LPO at least 6 days in advance. Upon receiving the client's
confirmation order, general order or LPO (showing the needed delivery date and quantities), the Marketing Manager
checks it against the agreed offer especially the contractual conditions (e.g., payment terms) and passes a copy of it to
Production Coordinator.

#### **2.1 Steel Procurement**

- The Technical Department Engineer prepares the BBS and have they approved by the client as necessary. Each Engineer will check with his client the exact required delivery dates. Delivery dates confirmation must be via the Steel Requisition Form. The Engineers must inform the Production coordinator of their projects delivery orders for that week and keep him updated of any changes. Some clients provide their own BBS in which case they must be passed by the Technical Engineer to the Production Coordinator for feeding it into the ARMAOR production software and to incorporate it in the orders in hand report.
- For special projects, where steel heat numbers are required by the client, the production department should fill in an Internal Steel Requisition form upon receipt of the bar bending schedule from the technical department, and pass it to the store keeper to provide the heat numbers (steel tags on the bundles) of the steel to be used in the production prior to feeding the BBS into the ARMAOR software. The Technical Supervisor, as instructed by the production coordinator, ensures that only steel with heat numbers provided by the Production Department is used in the production for such special projects.
- Steel Quantities to maintain production and sales must be monitored by the Production coordinator and made via the Steel Purchase Requisition.

#### 2.2 Order Scheduling

- All Customer Steel Requisitions are stored, by the Production Coordinator, sequentially according to the required delivery dates and entered in the same order into the Orders in-hand Report by the Production Coordinator.
- The Production Coordinator enters the BBS data, according to priority in the Orders in Hand Report, into the computer
  using the ARMAOR program and prints out the ARMAOR Cut & Bend Schedules and tags. The Production coordinator
  checks the data input on the screen, prior to printing against the original BBS prepared by the assigned engineer to
  eliminate errors.
- Daily, the Production coordinator prints out the latest copy of the orders in hand report showing the works program
  and the orders to be produced for the next four days. If an urgent order is received unexpectedly then the production
  coordinator will decide on its production taking into consideration the current workload and the daily production
  program.

#### 2.3 Control of Cut & Bend

- The Production Coordinator will brief the technical supervisor about the required order and submit to him the tags and cutting list. If the new jobs could make use of the off-cut steel stock, then the production coordinator instructs the technical supervisor to make use of such off-cuts.
- The technical supervisor will distribute the work among the production personnel. He will give the tags and cutting list to cutting master to start adjusting / setting up the designated machine and feeding it with the required steel type and size. Also, the bending master is instructed to do the same while waiting for the output of the former stage (cutting stage). The Machine operators are provided with the relevant tags to adjust / set-up their machines (the computerized machines are fed with relevant data, such as cut-shapes, angles and dimensions).
- In all the production processes, the Master / Operator in conjunction with the Technical Supervisor will be responsible for feeding their machines with the required steel as per the tags received earlier. Also, the technical supervisor and foreman will make random checks while orders are being processed. The Master / Operator will check the first outcome of the process to ensure that the machine set-up is correct before proceeding with the rest of the order.
- The Cutting Master will fix the corresponding tags onto the processed steel before it passes to the next process. The Cutting Master will complete the SUGF according to the steel type, origin and size that he has used. He will sign and date the SUGF for the completed job. The Technical Supervisor will check the completed SUGF and pass it later to the Production coordinator, who reviews it and uses it to update the stocks of steel (full length, off-cuts and waste).
- After completing the production of a job the quality controller prepares a report as per the tags & BBS and then the produced steel amount is counted and bundled after the Quality Control Report. If the processed steel is epoxy coated then each piece will be examined for scratches and any necessary touch-up will be applied accordingly before bundling them using special epoxy wire. The production workers (Helpers) who bundle the steel will check that the tags are correct for the bundled steel.
- The Cutting Master must complete the Cutting Report and have it passed to the Production Coordinator.
- Based upon the cutting Report, the Production Coordinator will maintain the Steel Used Generated Form (SUGF) for each order.
- The Plant performs all cut and bend operations according to BS4449:1998.
- The bundled steel of each order is arranged in the loading area separated from other orders.

#### 2.4 Control of Client Supplied Steel

- Some clients, as agreed, supply the plant with their own steel. Upon receiving this steel or any other steel, the steel type, quantity, quality and origin is examined and entered by the Production Coordinator into a Store Receipt Voucher (SRV). Copy of the client's Delivery Note and relevant SRV are used to update the steel stocks by the Production Coordinator. The Client Supplied Steel is identified clearly by labels showing client name and project (if applicable) and clearly identified from the plant stocks and other client's supplies.
- Any such product that is lost damaged or is otherwise unsuitable for use shall be recorded as such by Production
  Coordinator and reported to the client. Verification by the supplier does not absolve the client of the responsibility to
  provide acceptable product.

#### 2.5 Control of Plant Steel Stock

- Daily, steel stock taking is carried out by the Store Keeper, who passes it to the Production Coordinator. The Production Coordinator compares the figures with those on his computer, updates the stock records and re-orders stock as necessary. The Production Coordinator checks the stock records against the steel production requirements, enters any extra steel required and passes the report to the Marketing Manager for his records. The report represents the steel to be ordered and is considered to be a steel requisition order.
- The Production Coordinator reviews the completed SUGF's and checks them against the ARMAOR schedules. Any concern or mistake will be resolved in conjunction with the Technical Supervisor and Cutting Master. The Production coordinator will generate a printout of SUGF and keep it attached to that prepared by the Cutting Master in a specific file (SUGF for each month are kept in a separate file). The Production Coordinator will calculate from the SUGF report the actual scrap percentage and off-cuts (generated and used).
- The Production Coordinator and Technical Supervisor, on a monthly basis, shall compare the physical steel stock with that stock maintained on the computer (coils, bars, off-cuts and scrap).

#### 2.6 Control of non-conformities

Any non-conformity detected by the Production Coordinator while receiving the client's supplied steel (see 2.8) or by
the Technical Supervisor and/or other production personnel during the processing of the client's steel will be reported
and communicated to the client.

#### 2.7 Handling, Storage, Bundling & Preservation

- The steel shall be treated with care while handling, manually by labor or mechanically by forklift / overhead crane.
- The Plant does not stock very large quantities of steel. However the stocked steel will be stored appropriately avoiding
  any source of damage or rust. The steel condition is assessed during the monthly stocktaking by the Technical
  Supervisor.
- The completed orders are preserved, identified and segregated to avoid any delivery mistakes.
- The Production Coordinator will prepare a monthly Production report for the executed and in hand projects and distribute it to the Factory Manager and Marketing Manager.





**EXPIRY DATE** 

REMARKS



تاريخ الإنتهاء

ملاحظات

## رخصة تجارية COMMERCIAL LICENCE

LICENCE NO RAKIA51RZ406081231 رقم الرخصة **TYPE** Non-Freezone شركة محلية التصنيف LEGAL TYPE (شركة ذات مسؤولية محدودة ( الشخص الواحد الشكل القانوني Single Person Company LICENSEE RAK MIDDLE EAST TRADERS LLC (One Person) راك ميدل ايست تراديرز ذ.م.م - شخص واحد صاحب الرخصة OPERATING NAME RAK MIDDLE EAST TRADERS LLC (One Person) الإسمالتجاري راك ميدل ايست تراديرز ذ.م.م - شخص واحد **ADDRESS** T2 -9F-6 T2 -9F-6 العنوان **RAKEZ Amenity Center** مركز راكز للخدمات المساندة Al Hamra Industrial Zone-FZ منطقة الحمرا الصناعية - منطقة حرة RAK, United Arab Emirates رأس الخيمة ,الإمارات العربية المتحدة **ACTIVITY** النشاط Retail sale of Buildings Material بيع مواد البناء - بالتجزئة Wholesale of Enforcement Iron Trading تحارة حديد التسليح - بالحملة Wholesale of Cement and Gypsum Trading تجارة الأسمنت والجبس - بالجملة MANAGER Subba Madhav Rao سوبا مادهاف راو المدير **ISSUE DATE** 09-06-2008 تاريخ الإصدار

08-06-2023

The Licensee must obtain the required approvals from the UAE Competent Government Authorities, as

WSY Investment LLC is removed from the list of

applicable.

partners on 07/06/2022

على المرخص له الحصول على كافة الموافقات اللازمة من

الجهات الحكومية المختصة في دولة الإمارات العربية

ذ.م.م من قائمه الشركاء بتاريخ 2022/06/07

تم تعدیل الرخصه بحذف شرکه دبلیو اس وای انفستمنت

المتحدة حسب الإقتضاء.



### مسجل الشركات REGISTRAR OF COMPANIES

## شهادة تسجيل العضوية MemberShip Certificate



رقم العضوية 32639-2008-H 32639-2008-H

رقم الرخصة RAKIA51RZ406081231 RAKIA51RZ406081231 وقم الرخصة

لوع الرخصة Ras Al Khaimah Economic Zone أوع الرخصة هيئة مناطق رأس الخيمة الاقتصادية

Trade Name RAK MIDDLE EAST TRADERS L.L.C والله ميدل ايست تراديرز ذ.م.م

Legal Status Limited Liability Company شركة ذات مسئولية محدودة شركة الشكل القاتوني

Activity

**Expiry Date** 

Wholesale of Cement and Gypsum Trading , Wholesale of Enforcement Iron Trading , Retail Sale of Buildings Material

توع المسات تجارة الأسمنت والجبس / بالجملة ,تجارة حديد التسليح - بالجملة ,بيع مواد البناء - بالتجزئة

Member Since	19-06-2008		19-06-2008	تاريخ الإنتساب
Issue Date	08-06-2022		08-06-2022	تاريخ الإصدار

Remarks

08-06-2023

For online verification of this certificate, please visit this link

الملاحظات

تاريخ الإنتهاء

للتأكد من صحة بيانات الشهادة يرجى زيارة الرابط التالي

08-06-2023

https://www.rakchamber.ae/gateway.php#/app/membership/verify





## DUBAI CENTRAL LABORATORY DEPARTMENT CERTIFICATION AND QUALITY CONTROL OF PRODUCTS SECTION

## DM CIRCULARS NO. (159) 2007 AND (184) 2012 CERTIFICATE OF REGISTRATION

In compliance with the above DM Circulars for the Control of Steel for Reinforcement of Concrete in the Emirate of Dubai, Dubai Central Laboratory Department (DCLD) of Dubai Municipality, hereby issue this registration certificate to:

## RAK MIDDLE EAST TRADERS LLC

Plot No. 2 Al Ghail Industrial Park P.O. Box 6587, Ras A; Khaimah, UAE

as a registered supplier of certified reinforcing steel from approved manufacturer/s as per "List of Registered Manufacturers" issued by Dubai Central Laboratory Department (www.dm.gov.ae).

ARIF AL MARZOOQI MANAGER

CERTIFICATION AND QUALITY CONTROL OF PRODUCTS SECTION

DCLD, Dubai Municipality

Registration No. Valid Until:

AP09100135 19 Jan 2024 Current Issue Date: Original Issue Date: 20 Jan 2023 20 Jan 2009

## CERTIFICATE AWARDED TO



## RAK MIDDLE EAST TRADERS LLC

at

P.O.BOX NO: 6578, PLOT NO: 1, AL GHAIL INDUSTRIAL AREA, RAS AL KHAIMAH, UAE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS requirements for registration of the management system standard detailed below:

ISO 9001:2015

**Quality Management Systems** 

Scope of work

TRADING OF STEEL DEFORMED BARS & COUPLER

EA 29

Certificate No: DQU-11889

Originally Registered: 10 MAY 2018

Latest Issue: 25 APR 2021 Valid up-to: 09 MAY 2024

Quality Registrar Systems





**MANAGING OFFICE ADDRESS:** 

Quality Registrar Systems P.O. Box :26826 United Arab Emirates Tel: +971-2-6714302 Fax: +971-2-6741449 www.qrsyst.com

WORLD WIDE CERTIFICATION





# Certificate of Registration

## **RAK MIDDLE EAST TRADERS LLC**

P. O. BOX 6578, RAS AL KHAIMAH, UAE

has been assessed and Certified by Otabu Certification Pvt. Ltd.
as meeting the requirements of:

ISO 14001:2015
Environmental Management System

For the following scope of activities:

## TRADING OF STEEL REINFORCEMENT BARS, COUPLERS & BUILDING MATERIALS

Date of Initial Registration: 19 December 2022
Date of this Certificate: 19 December 2022
Certificate Expiry: 18 December 2025

(subject to the company maintaining its system to the required standard)

1st Surveillance Due: 18 December 2023 2nd Surveillance Due: 18 December 2024

Issue & Revision No: 01 & NA

Certificate No:- 1219E145222

To Verify this Certificate please visit at www.otabucert.com





Dr. Anita Gupta (Managing Director)

"Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal). "This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd. and shall be returned immediately upon request.

Email:- info@otabucert.com website:-www.otabucert.com





# Certificate of Registration

## RAK MIDDLE EAST TRADERS LLC

P. O. BOX 6578, RAS AL KHAIMAH, UAE

has been assessed and Certified by Otabu Certification Pvt. Ltd.
as meeting the requirements of:

ISO 45001:2018

Occupational Health & Safety Management System

For the following scope of activities:

## TRADING OF STEEL REINFORCEMENT BARS, COUPLERS & BUILDING MATERIALS

Date of Initial Registration: 19 December 2022
Date of this Certificate: 19 December 2022

Certificate Expiry: 18 December 2025 (subject to the company maintaining its system to the required standard) 1st Surveillance Due: 18 December 2023 2nd Surveillance Due: 18 December 2024

Issue & Revision No: 01 & NA

Certificate No:- 1219O145322

To Verify this Certificate please visit at www.otabucert.com





Dr. Anita Gupta (Managing Director)

"Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal). "This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd. and shall be returned immediately upon request.

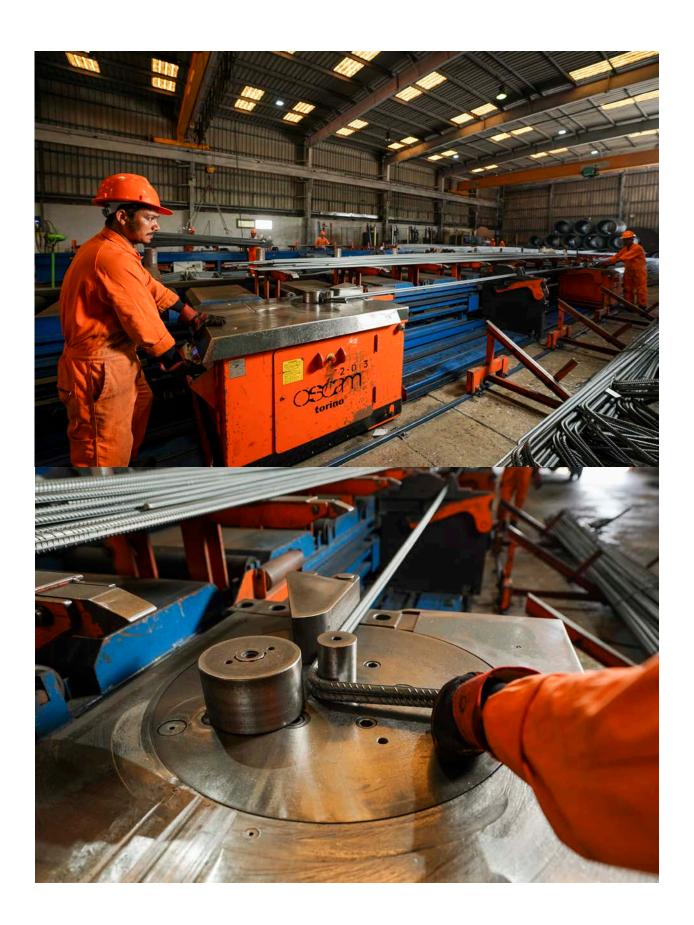
Email:- info@otabucert.com website:-www.otabucert.com

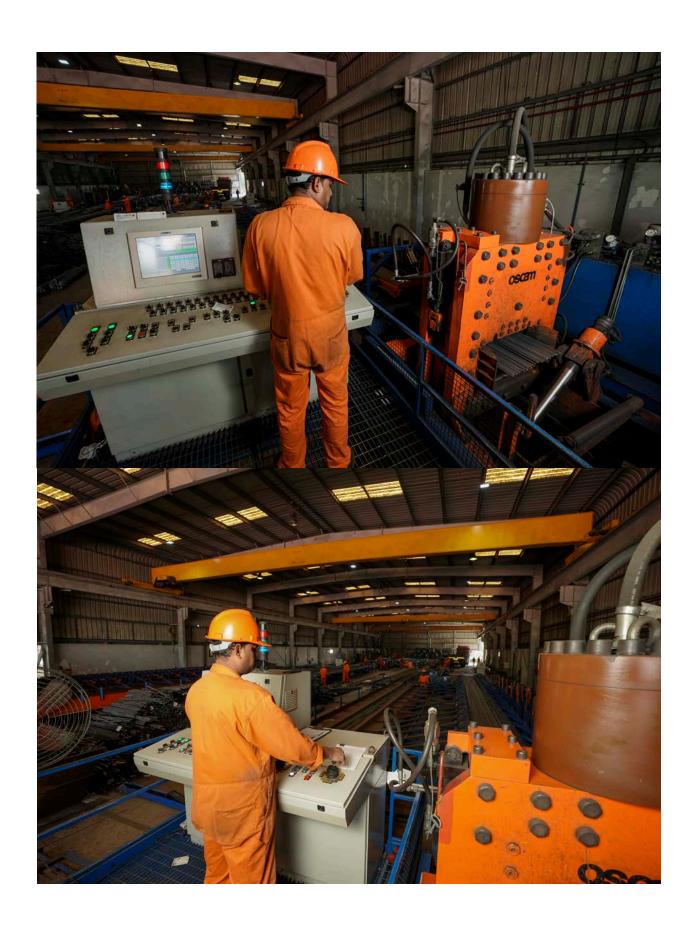
## RAKMET - MACHINERY LIST & ORGANISATION CHART

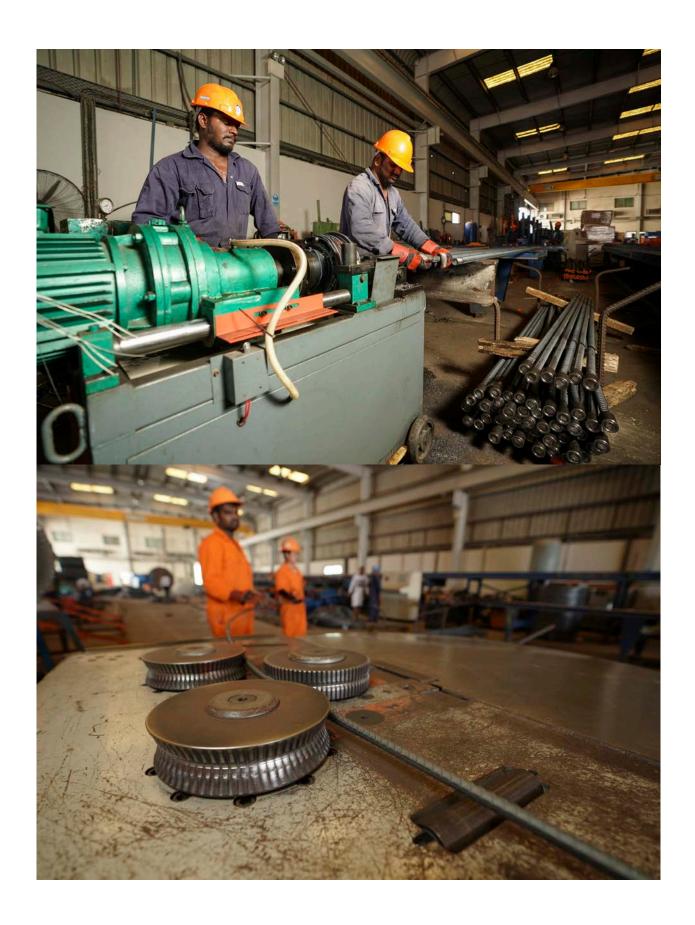


Machineries at Dubai a	nd Abu Dhabi Facto	<u>ories</u>			
Machine	Quantity	Make			
Heavy Shear Line	4 Nos				
Mini Shear Line	2 Nos				
Double Bending Machine	5 Nos				
Single Bending Machine	17 Nos	Oscam, Italy Stema Pedax,			
Automatic Stirrup Bender	6 Nos	Germany			
Cross Conveyor to move the material from Shear Line to Bending Line automatically	6 Nos				
Chain Conveyors	3 Nos				
Mobile Cranes to Move the Material	3 Nos	XCMG - 25 T Mobile cranes			
		Verlinde, France			
Overhead Cranes to Move the Material	13 Nos	Street, UK			
Rebar Coupler Systems:					
	10 – Forging Machines				
Parallel Threaded Couplers	10 – Threading Machines	BARSAFE, Taiwan			
Pressed / Grip Couplers	6 – Hydraulic Press Machines				

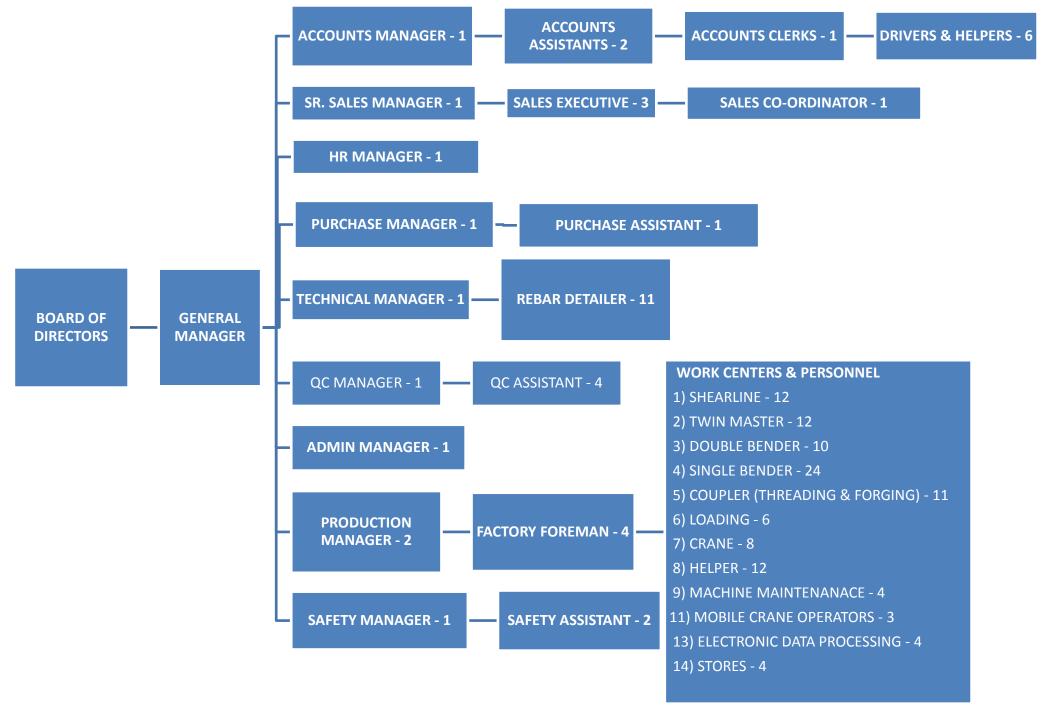








### RAK MIDDLE EAST TRADERS LLC









## CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality hereby attests that the product(s)

## Steel for the Reinforcement of Concrete - Weldable Reinforcing Steel

(Details as per the attached Scope of Certification)

manufactured by:

**EMIRATES STEEL INDUSTRIES CO. PJS-BRANCH 1 (FORMERLY EISC)** P.O. Box 9022, Industrial City of Abu Dhabi II (ICAD II), Musaffah, Abu Dhabi, U.A.E.

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

BS 4449: 2005+A3:2016

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark on the above-mentioned product(s).

> for / ENGR. ABDULRAHMAN AL ALI Director, Dubai Central Laboratory Department **Dubai Municipality**



Valid Until: 21/08/2023



Current Issue Date: 22/08/2022 Original Issue Date: 22/08/2013











## DUBAI CENTRAL LABORATORY DEPARTMENT DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

## SCOPE OF CERTIFICATION FOR CERTIFICATE NO. CL13020197

Certificate Issued To: EMIRATES STEEL INDUSTRIES CO. PJS - Branch I

P.O. Box 9022, Industrial City of Abu Dhabi II (ICAD II),

Musaffah, Abu Dhabi, U.A.E.

Applicable Standard Specification: BS 4449:2005 + A3:2016 - Specification for Steel for

the Reinforcement of Concrete-Weldable reinforcing

steel-Bar, coil and decoiled product

Applicable Specific Rules: DM-DCLD-RD-DP21-2129 (IC) "Specific Rules for

Certification of Reinforcing Steel Bars (as per BS

4449:2005 + A3:2016) Through Factory Assessment".

S/N	PRODUCT DESCRIPTION	MARKING	PRODUCT DETAILS
1	Steel for the reinforcement of concrete	As per attached DCL Approved Bar Markings in accordance with DM-DCLD-RD-DP21-2091 (IC)	Grade B500B Diameter Size : 8 mm to 32 mm in bars

NOTE1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

NOTE2: The above product shall bear the DCL Conformity Mark.

Original Issue Date : 22 August 2013
Current Issue Date : 22 August 2022
Valid Until : 21 August 2023

ARIF HUSAIN AL MARZOOQI

Products Conformity Assessment Section Manager

Dubai Central Laboratory Department



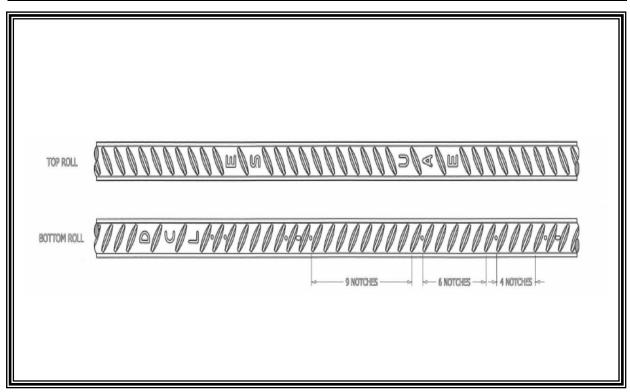


## DUBAI CENTRAL LABORATORY DEPARTMENT PRODUCTS CONFORMITY ASSESSMENT SECTION

### APPROVED STEEL BAR MARKING

### Certification Scheme for Reinforcing Steel

CERTIFIED FACTORY	EMIRATES STEEL INDUSTRIES CO. PJS - BRANCH I
FACTORY LOCATION	P.O. Box 9022, Industrial City of Abu Dhabi II (ICAD II), Musaffah, Abu Dhabi, U.A.E.
CERTIFICATE NUMBER	CL13020197
COUNTRY CODE	9
MILL NUMBER	64
STANDARD SPECIFICATION	BS 4449:2005 + A3:2016



NOTE: Please refer to the Certificate mentioned above and its Scope of Certification for details regarding the validity and the sizes covered.

APPROVED BY:

**ARIF HUSAIN AL MARZOOQI** 

Products Conformity Assessment Section Manager

# CERTIFICATE OF APPROVAL





Product Conformity Certification - BS 4449 and/or related products

Page 1 of 2

This is to certify that

**Emirates Steel Industries Co. PJSC** 

at its establishment at

## PO Box 9022, Mussafah, Abu Dhabi, United Arab Emirates

has satisfied the Authority that it operates a quality management system that complies with the requirements of BS EN ISO 9001 and the relevant CARES Quality and Operations Assessment Schedules. Where appropriate, and as listed below, it has further satisfied the Authority that it manufactures and/or supplies products that conform with the stated product standards and is entitled to use the CARES marks on its products using the processes and procedures registered with the Authority.

## **Scope of certification:**

Production of steel reinforcement as stated on the attached appendix

This certificate remains the property of the Authority and is issued subject to the Regulations of the Authority. This certificate is uncontrolled when printed. To check the validity of this certificate please scan the above Static QR Code with the CARES Cloud App or contact us on +44 1732 450000.

CERTIFICATE NUMBER

FIRST APPROVAL

ISSUE DATE

EXPIRY DATE

040801

August 2004

01 January 2023

**31 December 2023** 

SIGNED FOR UK CERTIFICATION AUTHORITY FOR REINFORCING STEELS

Lee Brankley, Chief Executive Officer

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 0002.

 $UK\ Certification\ Authority\ for\ Reinforcing\ Steels,\ Pembroke\ House,\ 21\ Pembroke\ Road,\ Sevenoaks,\ Kent,\ TN13\ 1XR,\ UK.$ 

A Company Limited by Guarantee. Registered in England No. 1762448.

Cert. Ref: AllC112010 40201 750 v03



### **APPENDIX TO CARES CERTIFICATE NO. 040801**

**EMIRATES STEEL INDUSTRIES CO. PJSC** PO BOX 9022, MUSSAFAH, ABU DHABI **UNITED ARAB EMIRATES** 





Product Conformity Certification - BS 4449 and/or related products

Page 2 of 2

## SRC-Appendix 01 Carbon steel bars and coils

### **Scope of certification:**

BS 4449 2005 Grade B500B Bar 8 to 40mm BS 4449 2005 Grade B500B Coil 8 to 16mm ES 600 Bar 10 to 32mm

This certificate remains the property of the Authority and is issued subject to the Regulations of the Authority. This certificate is uncontrolled when printed. To check the validity of this certificate please scan the above Static QR Code with the CARES Cloud App or contact us on +44 1732 450000.

CERTIFICATE NUMBER

FIRST APPROVAL

ISSUE DATE

**EXPIRY DATE** 

040801

August 2004

01 January 2023

31 December 2023

SIGNED FOR UK CERTIFICATION AUTHORITY FOR REINFORCING STEELS

Lee Brankley,

Chief Executive Officer

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 0002.

UK Certification Authority for Reinforcing Steels, Pembroke House, 21 Pembroke Road, Sevenoaks, Kent, TN13 1XR, UK.

A Company Limited by Guarantee. Registered in England No. 1762448.

Cert. Ref: AIIC112010 40201 750 v03



## CERTIFICATE **OF APPROVA**





## **Quality Management System Certification**

This is to certify that

**Emirates Steel Industries Co. PJSC** 

at its establishment at

## PO Box 9022, Mussafah, Abu Dhabi, United Arab Emirates

has been approved by the Authority to the following management system standard using the processes and procedures registered with the Authority:

**BS EN ISO 9001: 2015** 

## **Scope of certification:**

Production of directly reduced iron

Production of continuously cast steel billets, beam blanks and blooms.

Production of hot rolled steel bar and coil for the reinforcement of concrete.

Production of hot rolled plain round steel wire rod in coil.

Production of hot rolled non alloy structural steel products (Beams, columns, channels and sheet piles) to the producers and/or customer requirements;

This certificate remains the property of the Authority and is issued subject to the Regulations of the Authority. This certificate is uncontrolled when printed. To check the validity of this certificate please scan the above Static QR Code with the CARES Cloud App or contact us on +44 1732 450000.

CERTIFICATE NUMBER

FIRST APPROVAL

ISSUE DATE

**EXPIRY DATE** 

1122

August 2004

29 June 2021

29 June 2024

SIGNED FOR UK CERTIFICATION AUTHORITY FOR REINFORCING STEELS

Lee Brankley,

Chief Executive Officer

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 0002.

UK Certification Authority for Reinforcing Steels, Pembroke House, 21 Pembroke Road, Sevenoaks, Kent, TN13 1XR, UK.

A Company Limited by Guarantee. Registered in England No. 1762448.

Cert. Ref: AIIC112010 40201 151 v02

Lee Bankley



## CERTIFICATE OF APPROVAL





Sustainable Constructional Steel (SCS) scheme certification

Rating **PASS** 

This is to certify that

**Emirates Steel Industries Co. PJSC** 

at its establishment at

ICAD I, Mussaffah, Abu Dhabi

has been approved by the Authority to the CARES sustainable constructional steel scheme for the following operational assessment schedule using the processes and procedures registered with the Authority. The scheme complies with BS 8902:2009.

## **CARES Sustainability Scheme Appendix 01**

## **Scope of certification:**

Production of continuously cast steel billets Production of hot rolled steel bar and coil for the reinforcement of concrete

This certificate remains the property of the Authority and is issued subject to the Regulations of the Authority. This certificate is uncontrolled when printed. To check the validity of this certificate please visit www.ukcares.com or contact us on +44 1732 450000.

CERTIFICATE NUMBER

FIRST APPROVAL

ISSLIE DATE

**EXPIRY DATE** 

1268

January 2011

20 July 2020

20 July 2023

SIGNED FOR UK CERTIFICATION AUTHORITY FOR REINFORCING STEELS

Lee Brankley, Chief Executive Officer

Lee Bankley

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 002.

UK Certification Authority for Reinforcing Steels, Pembroke House, 21 Pembroke Road, Sevenoaks, Kent, TN13 1XR, UK.

A Company Limited by Guarantee. Registered in England No. 1762448.

Cert. Ref: AIIC112010 40201 317







# IN-COUNTRY VALUE CERTIFICATE

Certificate ID: 116784 Issue Date: 07.07.2022 Valid Until: 23.05.2023

## **Emirates Steel Industries Co. PJSC**

69.95%

**Company General Information** 

License No.: IN-1000846

Company Type: **Non SME in UAE**Financial Year End Date: **31.12.2021**Company based in: **Within UAE** 

Company Business: GOOD MANUFACTURER

For Cases of Re-Certification

Re-Certification (\*) No.:

القيمة الوطنية المضافة

Reason for this Re-Certification

Signed By

On behalf of Supplier

Name:

Stephen Pope

**Designation:** 

Chief Financial Officer

Verified as per ICV Agreed Upon Procedures (AUP)

On behalf of Certification Body

Name:

Faeza Sohawon

Designation:

Partner

Electronically signed by Faeza Sohawon

Company:

Deloitte & Touche (ME)

Certificate Issued Based on ICV Version: 3.0



Emirates Steel Industries Co. PJSC. PO Box 9022, Industrial City of Abu Dhabi (ICAD) Musaffah, Abu Dhabi, UAE

T.: + 971 2 5511187 F.: +971 2 5072650 emiratessteel.com



AE

## حديد الإمارات emirates steel

عنبوان الشبحن

TSD-GR-FM-046 ISSUE:3 DATE:10.01.2022

شركة الإمارات لصناعات الحديد ش.م.ع.

ص.ب. ٩٠٢٢، مدينة أبوظبي الصناعية (إيكاد) مصفح، أبوظيي، أ.ع.م.

÷ VAIII007 (VP+ & +0171 +07 (VP+ emiratessteel.com

MILL TEST CERTIFICATE

(BS4449 :2005 Grade B500B)

CUSTOMER	NAME/ADDRESS

PO Box No. 6578

Ras Al Khaima

AE

RAK Middle East Traders LLC

SHIPPING ADDRESS

RAK Middle East Traders LLC PO Box No. 6578 Ras Al Khaima

Certificate No.	235988/23	رقم شهادة المنتج				
Date Of Issue	15/01/2023	تاريخ الإصدار				
Dispatch No.	70705524	رقم أمر البيع				
Sales Order No.	15010609	رقم أمر الشراء				
Customer No.	10211	ر کم الحسن				



		MECH	ANICAL	کیہ	س المكاسا	انحصانه	CAS	T AN	ALYSI	IS %							97	ر الصب	سحضتر
ونسف انسسح	رقــــــــــــــــــــــــــــــــــــ	ولن المتر تجم / عنو	حاجة المقطع المطحي مم	مقارسة الخضوع نيد بسكال	مقارمة الثند ميد بسكار	الاستطالة الكلية تعند القوة القصوى	ئىريون	سيلكون	منجنيز	فوسفور	تبريت	نيـتروجين	نحاس	كروم	ولبدينيوم	نيكل	فقديوم	بورون	لقيمة المعلالة للكربون
PRODUCT DESCRIPTION	CAST NO.	ACTUAL WEIGHT PER m	Cross Section Area	Yield Stress MPa	Tensile Strength MPa	(AGT) Total Elongation at Max.Force (AGT) %	С	Si	Mn	P	S	N	Cu	Cr	Мо	Ni	v	В	C.E
Rebar 8mm 12m BS 4449/05 Gr B 500B	1124187	0.382	48.7	553	627	7.50	0.23	0.13	0.59	0.012	0.011	0.0068	0.001	0.016	0	0.011	0.005	0.0003	0.33
		0.386	49.2	557	635	7.90										l l			
		0.387	49.3	587	663	9.10											=		
		0.385	49.0	575	659	7.60									1				
2 10 5 4440 405 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1222	0.380	48.4	573	651	8.40													
ebar 8mm 12m BS 4449/05 Gr B 500B	2095756	0.386	49.2	572	655		0.22	0.15	0.57	0.009	0.008	0.0111	0.004	0.014	0.000	0.010	0.003	0.0003	0.320
		0.384	48.9 48.9	574 566	652 647	7.90													1
		0.382	48.7	561	642	7.60													
		0.384	48.9	573	649	7.50													
ebar 8mm 12m BS 4449/05 Gr B 500B	3047802	0.380	48.4	595	668		0 21	0.16	0 63	0 008	0 020	0.007	0 013	0 021	0 002	014	0 005	0 0000	200
		0.388	49.4	611	684	9.00		0		0.000	0.020	0.007	0.013	0.021	0.003	0.014	0.005	0.0003	0.328
				_															









Bend Test : Satisfactory Rebend Test : Satisfactory Manufacturing process :

Quenched & self-tempered

Test Method: ASTM E415 / BS EN

ISO 15630-1

Saeed Al Mugheeri Head of QC



Sampling plan and method are in accordance with TSD-GR-QP-001. The Material is free from any known Radioactive Contamination.

Page 1 of 2

Emirates Steel Industries Co. PJSC
PO Box 9022, Industrial City of Abu Dhabi (ICAD)
Musaffah, Abu Dhabi, UAE
T.: + 071.2 5511187, Fr.: + 071.2 5070570

Musaffah, Abu Dhabi, UAE
T.: + 971 2 5511187 F.: +971 2 5072650
emiratessteel.com



## حديد الإمارات emirates steel

عنبوان الشبعن

TSD-GR-FM-046 ISSUE:3 DATE:10.01.2022

شركة الإمارات لصناعات الحديد ش.م.ع.

ص. ب. ٩٠٢٢، مدينة أبوظبي الصناعية (إيكاد)

مصفح، أبوظبي، أ.ع.م. ت ۱۹۷۱ ۲ ۵۰۷۲ ۹۷۱ ف ۹۷۱ ۲ ۵۰۷۲ ۹۷۱ emiratessteel.com

MILL TEST CERTIFICATE

(BS4449 :2005 Grade B500B)

	alimetali leda			_
RAK Mic	dle	East	Traders	LLC
PO Box	No.	6578		
Ras Al	Khai	ima		

CUSTOMER NAME/ADDRESS

AE

SHIPPING ADDRESS

RAK Middle East Traders LLC

PO Box No. 6578 Ras Al Khaima AE

Certificate No.	Series Control Vision	
certificate No.	234421/23	رقم شهادة المنتج
Date Of Issue	08/01/2023	تاريخ الإصدار
Dispatch No.	70704158	رقم أمر البيع
Sales Order No.	15010563	رقم أمر الشراء
Customer No.	10211	رفم الصنن



		MECH	ANICAL	کیہ	س المكاسا	المصاله	CAS	T AN	ALYSI	S %							0.2 21	ر الصب	بحشن
و <u>دست</u> ا <del>ندست</del>	رقــم العــــبة	ولن المؤ تهم /عو	حاجة المقطع 2 المطحي مم	مقارسة القضرع ميد بسكار	مقترمة الثبد ميد بسكار		كربون	سيلكون	منجنيز	فوسفور	ئبريت	نيـتروجين	نصاس	كروم	ولبدينيوم	نيكل	فقديوم	بورون	لقيمة المعلالة للكربون
PRODUCT DESCRIPTION	CAST NO.	ACTUAL WEIGHT PER m	Cross Section Area mm <sup>2</sup>	Yield Stress MPa	Tensile Strength MPa	(AGT) Total Elongation at Max.Force (AGT) %	С	Si	Mn	P	s	N	Cu	Cr	Мо	Ni	v	В	C.E
Rebar 10mm 12m BS 4449/05 Gr B 500B	3047772	0.605	77.1	554	639	6.30	0.20	0.17	0.63	0.010	0.013	0.0062	0.024	0.024	0.005	0.021	0.006	0.0003	0 32
		0.601	76.6	566	647	6.10									1 1931.5	5 80T.=X		0.0003	0.525
		0.604	76.9	559	640	6.70													
Rebar 10mm 12m BS 4449/05 Gr B 500B	3047773	0.603	76.8	545	633	6.70	0.20	0.17	0.61	0.009	0.014	0.0068	0.038	0.023	0.005	0.023	0.006	0.0002	0.319
		0.602	76.7	561	646	6.50						1							
Rebar 10mm 12m BS 4449/05 Gr B 500B	3047774	0.601	76.6	535	623	7.10													
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3047774	0.606	77.2 77.1	556 568	641 651	7.00 6.30	0.20	0.17	0.63	0.011	0.015	0.0073	0.016	0.025	0.003	0.015	0.007	0.0002	0.323
		0.604	76.9	548	634	6.50													
Rebar 10mm 12m BS 4449/05 Gr B 500B	3047776	0.601	76.6	563	639		n 10	0 10	0 64	0 010		0 0000							1
		0.606	77.2	541	627	6.50	3.19	0.18	0.64	0.012	0.021	0.0069	0.025	0.023	0.004	0.017	0.007	0.0003	0.315
		0.603	76.8	553	643	7.30													
			12030						8888	00000	A X X A B			_					







Bend Test : Satisfactory Rebend Test : Satisfactory

Manufacturing process : Quenched & self-tempered

Test Method: ASTM E415 / BS EN

ISO 15630-1



6950606060606060606066666666



Sampling plan and method are in accordance with TSD-GR-QP-001. The Material is free from any known Radioactive Contamination.

Page 1 of 1

Emirates Steel Industries Co. PJSC PO Box 9022, Industrial City of Abu Dhabi (ICAD) Musaffah, Abu Dhabi, UAE T.: + 971 2 5511187 F.: +971 2 5072650



اسم وعنوان العسل



TSD-GR-FM-046 ISSUE:3 DATE:10.01.2022

شركة الإمارات لصناعات الحديد ش.م.ع.

ص.ب. ٩٠٢٢، مدينة أبوظبي الصناعية (إيكاد) مصفح، أبوظبي، أ.ع.مر،

ت ۱۱۱۸۷ م۲ (۱۷۹+ ف ۱۹۷۱ م۲ (۱۷۹+ emiratessteel.com

(BS4449 :2005 Grade B500B) MILL TEST CERTIFICATE

عنوان الشحن

CUSTOMER NAME/ADDRESS

RAK Middle East Traders LLC PO Box No. 6578

Ras Al Khaima AE

emiratessteel.com

SHIPPING	ADDRESS

RAK Middle East Traders LLC P R

PO Box	No. 6578
Ras Al	Khaima
AE	

Certificate No.	234381/23	رقم شهادة المنتج
Date Of Issue	08/01/2023	تاريخ الإصدار
Dispatch No.	70704131	رقم أمر البيع
Sales Order No.	15010563	رقم أمر الشراء
Customer No.	10211	رفم الصنن



		MECHANICAL انحصائص انعکامک			حنن نصبة % CAST ANALYSIS %											ستنسر			
وبيث انبيح		ولن المؤ تلجم / عو	ساعة المقطع السطحي مم	مقارمة الخضرع ميد بسكال	مقازمة الثند ميد بسكار	الاستطالة الكلية تعند القوة القصوي	ئىربون	سيلكون	منجنيز	فوسفور	كبريت	نيـتروجين	نحاس	كروم	ولبدينيوم	نيكل	فقديوم	بورون	القيمة المعلالة الكربون
PRODUCT DESCRIPTION	CAST NO.	ACTUAL WEIGHT PER m	Cross Section Area mm <sup>2</sup>	Yield Stress MPa	Tensile Strength MPa	(AGT)  Total  Elongation at Max.Force  (AGT) %	С	Si	Mn	P	s	N	Cu	Cr	Мо	Ni	v	В	C.Eq
Rebar 12mm 12m BS 4449/05 Gr B 500B	3047645	0.873	111.2	562	653	7.90	0.20	0.17	0.63	0.010	0.010	0.0066	0.018	0.022	0.003	0.016	0.006	0.0002	0.321
		0.877	111.7	578	660	8.10													
		0.869	110.7	560	647	7.80													
Rebar 12mm 12m BS 4449/05 Gr B 500B	3047646	0.869	110.7	555	640	7.90	0.21	0.15	0.63	0.013	0.010	0.0074	0.012	0.021	0.003	0.014	0.006	0.0002	0.325
		0.869	110.7	571	656	8.20													
		0.870	110.8	553	637	7.80													
Rebar 12mm 12m BS 4449/05 Gr B 500B	3047677	0.870	110.8	553	647	7.90	0.20	0.17	0.63	0.008	0.011	0.0065	0.009	0.019	0.002	0.011	0.004	0.0003	0.319
		0.878	111.8	577	662	7.60													
		0.868	110.6	557	650	8.10													
Rebar 12mm 12m BS 4449/05 Gr B 500B	3047678	0.870	110.8	555	644	7.90	0.22	0.17	0.63	0.011	0.012	0.0075	0.013	0.017	0.003	0.013	0.005	0.0003	0.333
		0.869	110.7	574	659	8.20													
		0.867	110.4	559	642	7.80												4,	









Bend Test : Satisfactory Rebend Test : Satisfactory

Manufacturing process : Quenched & self-tempered

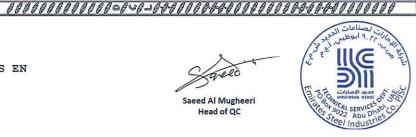
Test Method: ASTM E415 / BS EN

ISO 15630-1



Saeed Al Mugheeri

Head of QC



Emirates Steel Industries Co. PJSC PO Box 9022, Industrial City of Abu Dhabi (ICAD) Musaffah, Abu Dhabi, UAE T.: + 971 2 5511187 F.: +971 2 5072650 emiratessteel.com





TSD-GR-FM-046 ISSUE:3 DATE:10.01.2022

شركة الإمارات لصناعات الحديد ش.م.ع.

ص.ب. ٩٠٢٢، مدينة أبوظبي الصناعية (إيكاد)

مصفح، أبوظبي، أ.ع.مر، J VAI 1100 7 (170+ 6 +0171/+07 (170+

emiratessteel.com

#### MILL TEST CERTIFICATE

عنوان الشحن

(BS4449 :2005 Grade B500B)

	CUSTOMER NAME/ADDRESS	أسم وحبوان التعبل
	RAK Middle East Traders	LLC
	PO Box No. 6578	
	Ras Al Khaima	
ĺ	AE	

SHIPPING ADDRESS RAK Middle East Traders LLC PO Box No. 6578 Ras Al Khaima AE

Certificate No.	235708/23	رقم شهادة المنتج
Date Of Issue	14/01/2023	تاريخ الإصدار
Dispatch No.	70705240	رقم أمر البيع
Sales Order No.	15010563	رقم أمر الشراء
Customer No.	10211	رَفَمُ التَّصِينَ



	MECH	ANICAL	~	ص المكاسا	الحصالة	CAS	T ANA	ALYSI	S %							0.0	ر انصب	سحندر
رقد العصبة			مقاربة الخضرع نيد بسكار	مقاربة الشد ميد بسكال	انفصوى				680	فبروت	نيتروجين	نحاس	كروم	ولبدينيوم	نيكل م	فلطيوم	يورون	القيمة المعلالة للكريون
CAST NO.	ACTUAL WEIGHT PER m	Cross Section Area mm <sup>2</sup>	Yield Stress MPa	Tensile Strength MPa	Total Elongation	С	Si	Mn	P	s	И	Cu	Cr	Мо	Ni	v	В	C.Ec
1124315	1.541	196.3	538	647	7.90	0.21	0.14	0.58	0.009	0.012	0.0071	0.009	0.017	0.000	0.016	0.002	0.0003	0.315
	1.553	197.8	566	667	8.70													
	1.542	196.4	536	646	7.90													
1124325	1.540	196.2	557	648	9.20	0.21	0.13	0.58	0.01	0.010	0.0085	0.006	0.018	0.000	0.014	0.003	0.0003	0.316
	1.535	195.5	578	666	8.50													-
	1.535	195.5	568	651	8.10													
	1.544	196.7	553	639	8.30										4			
			544	632	9.10													
1124328				644		0.20	0.13	0.56	0.015	0.007	0.0081	0	0.015	0	0.01	0.003	0.0002	0.303
-	11.000000000000000000000000000000000000	11-600000000000000000000000000000000000		NA 000 00000	100-00 A0140													
				\$25,000														
	1.552	197.7	550	642	8.20													
	CAST NO.	CAST NO. ACTUAL WEIGHT PER m  1124315 1.541 1.553 1.542 1124325 1.535 1.535 1.537 1124328 1.555 1.539	CAST NO. ACTUAL WEIGHT PER m  1124315 1.541 196.3 1.553 197.8 1.542 196.4 1124325 1.540 196.2 1.535 195.5 1.535 195.5 1.544 196.7 1.537 195.8	CAST NO. ACTUAL WEIGHT PER m  1124315 1.541 196.3 538 1.553 197.8 566 1.542 196.4 536 1.542 196.4 536 1.535 195.5 578 1.535 195.5 568 1.544 196.7 553 1.537 195.8 544 1124328 1.555 198.1 555 1.535 195.5 572 1.539 196.1 558	CAST NO. ACTUAL WEIGHT PER m  1124315 1.541 196.3 538 647 1.553 197.8 566 667 1.542 196.4 536 646 1124325 1.540 196.2 557 648 1.535 195.5 568 651 1.544 196.7 553 639 1.537 195.8 544 632 1.535 195.5 572 655 1.539 196.1 558 650	CAST NO. ACTUAL WEIGHT PER m  1124315 1.541 196.3 538 647 7.90  1.553 197.8 566 667 8.70  1.542 196.4 536 646 7.90  1.535 195.5 578 666 8.50  1.535 195.5 578 666 8.50  1.537 195.8 544 632 9.10  1.535 195.5 572 655 8.40  1.539 196.1 558 650 8.80	CAST NO. ACTUAL WEIGHT PER m 2	CAST NO. ACTUAL WEIGHT PER m 2 Cross mm 2 Wield Stress mp 2 Mp 2 (AGT)  1124315 1.541 196.3 538 647 7.90 0.21 0.14  1.553 197.8 566 667 8.70  1.542 196.4 536 646 7.90  1.535 195.5 578 666 8.50  1.535 195.5 568 651 8.10  1.537 195.8 544 632 9.10  1.535 195.5 572 655 8.40  1.539 196.1 558 650 8.80	CAST NO. ACTUAL WEIGHT PER m 2	Tending Section Area mm2 PER m  CAST NO. 1.541 196.3 538 647 7.90 0.21 0.14 0.58 0.009  1.553 197.8 566 667 8.70  1.542 196.4 536 646 7.90  1.535 195.5 578 666 8.50  1.535 195.5 568 651 8.10  1.544 196.7 553 639 8.30  1.537 195.8 544 632 9.10  1124328 1.555 198.1 555 644 8.90 0.20 0.13 0.56 0.015  1.535 195.5 572 655 8.40  1.539 196.1 558 650 8.80	المستوالة المستوان ال	المنافع المستقالة ال	Tensile (AGT) NO. ACTUAL WEIGHT FER m 2 196.3 538 647 7.90 0.21 0.14 0.58 0.009 0.012 0.0071 0.009 1.553 195.5 578 666 8.50 1.535 195.5 568 651 8.10 1.537 195.8 544 632 9.10 1.535 195.5 572 655 8.40 1.535 195.5 572 655 8.40 1.539 196.1 558 650 8.80	CAST NO   ACTUAL   No.   No.	Cast No.   Cross   Yield   Strength   MPa   No.   Cross   Strength   MPa   Strength   MPa   Strength   MPa   MPa	CAST NO.   ACTUAL   NEIGHT   PERM   PERM	المناوع المنا	CAST NO.   ACTUAL No.   No.







Bend Test : Satisfactory Rebend Test : Satisfactory Manufacturing process :

Quenched & self-tempered

Test Method: ASTM E415 / BS EN ISO 15630-1

Page 2 of 3



Head of QC



Sampling plan and method are in accordance with TSD-GR-QP-001. The Material is free from any known Radioactive Contamination.

Emirates Steel Industries Co. PISC. PO Box 9022, Industrial City of Abu Dhabi (ICAD) Musaffah, Abu Dhabi, UAE

T.: + 971 2 5511187 F.: +971 2 5072650 emiratessteel.com





TSD-GR-FM-046 ISSUE:3 DATE:10.01.2022

شركة الإمارات لصناعات الحديد ش.م.ع.

ص.، ١٩٠٢٢، مدينة أبوظيي الصناعية (إيكاد)

مصفح، أبوظبي، أ.ع.مر.

5 VA((100 7 (19+ 6 +01714+0 7 (19+ emiratessteel.com

MILL TEST CERTIFICATE

عنبوان الشبيين

(BS4449 :2005 Grade B500B)

CUSTOMER	NAME/ADDRESS

AE

RAK Middle East Traders LLC PO Box No. 6578 Ras Al Khaima

SHIPPING ADDRESS

RAK Middle East Traders LLC PO Box No. 6578 Ras Al Khaima AE

Certificate No.	236115/23	رقم شهادة المنتج
Date Of Issue	15/01/2023	تاريخ الإصدار
Dispatch No.	70705658	رقم أمر البيع
Sales Order No.	15010609	رقم أمر الشراء
Customer No.	10211	ر فم الحدي



		MECH	ANICAL	کیہ	س المكات	الحصالة	CAS	T ANA	LYST	S %							0.2	ر انصب	سحشار
وبيث انسے	رقد العصبة		عمة المقطع		مقاربة الشد ميد بسكال	انكنية تند القوة القصوي	كوبون	سيلكون	منجنيز	نوسفور	كبريت	نيـتروجين	لتاس	كروم	ولبدينيوم	نيكل	فلديهم	بورون	لقيمة المعلالة للكربون
PRODUCT DESCRIPTION	CAST NO.	ACTUAL WEIGHT PER m	Cross Section Area mm <sup>2</sup>	Yield Stress MPa	Tensile Strength MPa	(AGT)  Total  Elongation at Max.Force (AGT) %	С	Si	Mn	P	S	N	Cu	Cr	Мо	Ni	v	В	C.Ed
tebar 20mm 12m BS 4449/05 Gr B 500B	1124250	2.410	307.0	555	653	9.50	0.21	0.14	0.56	0.015	0.012	0.0074	0	0.016	0	0.011	0.002	0.0003	0.314
		2.405	306.4	551	650	9.90													
		2.412	307.3	559	651	9.30													
tebar 20mm 12m BS 4449/05 Gr B 500B	1124251	2.398		561	660		0.22	0.15	0.57	0.012	0.012	0.007	0	0.017	0	0.011	0.002	0.0003	0.325
		2.400	305.7	563	659	9.30													
		2.406	Carrier Carrier Carrier	564	662	8.90													
		2.399	305.6	554	655	9.90													
		2.403	306.1	568	671	8.80													









Bend Test : Satisfactory

Rebend Test : Satisfactory Manufacturing process : Quenched & self-tempered

Test Method: ASTM E415 / BS EN

ISO 15630-1

Page 1 of 1

The Material is free from any known Radioactive Contamination.





Sampling plan and method are in accordance with TSD-GR-QP-001.

Emirates Steel Industries Co. PJSC PO Box 9022, Industrial City of Abu Dhabi (ICAD) Musaffah, Abu Dhabi, UAE T.: + 971 2 5511187 F.: +971 2 5072650 emiratessteel.com





TSD-GR-FM-046 ISSUE:3 DATE:10.01.2022

شركة الإمارات لصناعات الحديد ش.م.ع.

ص،ب، ٩٠٢٦، مدينة أبوظيى الصناعية (إيكاد)

مصفح، أبوظبي، أ.ع.مر،

ت ۱۸۱۱۱۵۵ (۱۹۲ ف ۱۵۲۲۷۰۵ (۱۹۲+ emiratessteel.com

MILL TEST CERTIFICATE

(BS4449 :2005 Grade B500B)

CUSTOMER NAME/ADDRI
---------------------

PO Box No. 6578

Ras Al Khaima

ΑE

RAK Middle East Traders LLC

عنبوان الشبيين SHIPPING ADDRESS

RAK Middle East Traders LLC

PO Box No. 6578

Ras Al Khaima

ΑE

Certificate No. 234137/23 قم شهادة المنتج Date Of Issue 07/01/2023 ناريخ الاصدار

Dispatch No. 70703943 Sales Order No. 15010446 Customer No. 10211

													VZII						
		MECH	ANICAL	4.4	ص المكات	انحصانه	CAS	T ANA	ALYSI	S %							0 <i>2</i> 70	ر الصب	بخشز
وبيث انسيح	رقدم العصبة	دلت المتر عجم / مبر	ساعة المقطع 2 السطحي مم	مقارمة الخضرع مية بسكال	مقاربة الثند ميد بسكال	الاستطائة الكثية تعند القوة القصوي	كراون	سيلكون	منجنيز	فوسفور	كبريت	نيتروجين	نحاس	كروم	ولبدينيوم	نيكل	فلنيوم	بورون	لقيمة المعلالة للكربون
PRODUCT DESCRIPTION	CAST NO.	ACTUAL WEIGHT PER m	Cross Section Area mm <sup>2</sup>	Yield Stress MPa	Tensile Strength MPa	(AGT)  Total  Elongation at Max.Force (AGT) %	С	Si	Mn	P	s	И	Cu	Cr	Мо	Ni	v	В	C.Eq
		3.744	476.9	550	638	9.10													
		3.743	476.8	545	638	9.40													
		3.748	477.5	546	638	9.80													
		3.747	MOVEMBER COURSE	547	639	9.20												te si secono	
Rebar 25mm 12m BS 4449/05 Gr B 500B	1124209	3.712		556	647		0.21	0.14	0.60	0.01	0.013	0.0084	0.009	0.224	0.001	0.018	0.002	0.0003	0.362
		3.725		560	650	8.90													
		3.727	A Polowy Section of the	558	646	8.50													
		3.724	CONTRACTOR DI	554	645 640	8.30													
		3.716	473.4	553	640	8.80	1												
THE RESIDENCE OF THE PARTY OF T									9999	191191	00000	Am for the	10000	00000	00000	S/A/P	4666	00000	000







Bend Test : Satisfactory Rebend Test : Satisfactory

Manufacturing process : Quenched & self-tempered Test Method: ASTM E415 / BS EN

ISO 15630-1

Saeed Al Mugheeri Head of QC



Sampling plan and method are in accordance with TSD-GR-QP-001. The Material is free from any known Radioactive Contamination.

Page 2 of 2

Emirates Steel Industries Co. PJSC PO Box 9022, Industrial City of Abu Dhabi (ICAD) Musaffah, Abu Dhabi, UAE T.: + 971 2 5511187 F.: +971 2 5072650





# عديد الإمارات 🥥 emirates steel

خنوان الشحن

TSD-GR-FM-046 ISSUE:3 DATE:10.01.2022

شركة الإمارات لصناعات الحديد ش.م.ع.

ص. ب، ٩٠٢٢، مدينة أبوظبي الصناعية (إيكاد) مصفح، أبوظبي، أ.ع.م.

5 VAI 1100 7 1VP+ & +0 17V+0 7 1VP+

emiratessteel.com

MILL TEST CERTIFICATE

(BS4449 :2005 Grade B500B)

CUSTOMER	NAME/ADDRESS
----------	--------------

emiratessteel.com

RAK Middle East Traders LLC PO Box No. 6578 Ras Al Khaima AE

أسم وعبوان العسل

SHIPPING ADDRESS RAK Middle East Traders LLC

PO Box No. 6578 Ras Al Khaima AE

do desi		
Certificate No.	235572/23	رقم شهادة المنتج
Date Of Issue	13/01/2023	تاريخ الإصدار
Dispatch No.	70705126	رقم أمر البيع
Sales Order No.	15010609	رقم أمر الشراء
Customer No.	10211	ر کم الحسن



رقدم العسية	ولمت الستر	ANICAL							S %									
	کچم / میں		مقاربية القضوع ميد بسكار	مقارمة الثند ميد بسكار	الكتية تعد القوة القصوي	ئىريون	سيلكون	منجنيز	فوسفور	كبريت	نيـتروجين	نحاس	كروم	مولبدينيوم	نيكل	فقديوم	بورون	قيمة معلالة كربون
CAST NO.	ACTUAL WEIGHT PER m	Cross Section Area mm <sup>2</sup>	Yield Stress MPa	Tensile Strength MPa	(AGT)  Total  Elongation at Max.Force  (AGT) %	С	Si	Mn	P	s	И	Cu	Cr	Мо	Ni	V	В	с.
1124035	6.131	781.0	553	657	8.70	0.21	0.14	0.59	0.018	0.012	0.0075	0	0.228	0.000	0.012	0.003	0.0003	0.3
	6.180	787.3	566	665	8.50													
	6.163	785.1	551	647	9.10													
	6.152	783.7	557	660	8.60													
	6.130	780.9	558	663	9.00						lo sonescebel	161						
1124043	6.140	782.2	569	668		0.21	0.14	0.60	0.015	0.009	0.0085	0	0.221	0	0.012	0.003	0.0003	0.
			571	666														
	Designation of the last of the																	
	88.0																	
2	6.186	788.0	563	665	9.20													
	1124035	MEIGHT PER m  1124035 6.131 6.180 6.163 6.152 6.130 1124043 6.140 6.131 6.127 6.128 6.186	CAST NO. ACTUAL WEIGHT FER m 2 Section Area mm2 1124035 6.131 781.0 6.180 787.3 6.163 785.1 6.152 783.7 6.130 780.9 1124043 6.140 782.2 6.131 781.0 6.127 780.5 6.128 780.6 6.186 788.0	CAST NO. ACTUAL WEIGHT PER m Section Area MPA  1124035 6.131 781.0 553 6.180 787.3 566 6.163 785.1 551 6.152 783.7 557 6.130 780.9 558 1124043 6.140 782.2 569 6.131 781.0 571 6.127 780.5 566 6.128 780.6 568	CAST NO. ACTUAL WEIGHT PER m Section Area mm <sup>2</sup> Stress MPa Strength MPa Section Area mm <sup>2</sup> Stress MPa Strength MPa Section Area mm <sup>2</sup> Stress MPa Strength MPa Section Area mpa Stress MPa Strength MPa Section Area mpa Stress MPa Strength MPa Section Area mpa Sect	CAST NO. ACTUAL WEIGHT PER m 2 section Area mm2 Stress MPa Strength MPa Stress MPa Elongation at Max. Force (AGT) %  1124035 6.131 781.0 553 657 8.70 6.180 787.3 566 665 8.50 6.163 785.1 551 647 9.10 6.152 783.7 557 660 8.60 6.130 780.9 558 663 9.00 1124043 6.140 782.2 569 668 9.40 6.131 781.0 571 666 8.90 6.127 780.5 566 669 9.00 6.128 780.6 568 663 8.70 6.186 788.0 563 665 9.20	CAST NO. ACTUAL WEIGHT 2 Section Area 2 Stress MPa Strength MPa at Max. Force (AGT) 8  1124035 6.131 781.0 553 657 8.70 0.21 6.180 787.3 566 665 8.50 6.163 785.1 551 647 9.10 6.152 783.7 557 660 8.60 6.130 780.9 558 663 9.00 1124043 6.140 782.2 569 668 9.40 0.21 6.131 781.0 571 666 8.90 6.127 780.5 566 669 9.00 6.128 780.6 568 663 8.70 6.186 788.0 563 665 9.20	CAST NO. ACTUAL WEIGHT PER m 2	CAST NO. ACTUAL WEIGHT PER m 2 Stress MPa Strength MPa St	CAST NO. ACTUAL WEIGHT FER m 2 Stress MPA St	CAST NO.   ACTUAL   MEIGHT   Edition Area   Stress   MPa     Strength   MPa   Elongation   At Max. Force   (AGT)*	CAST NO. ACTUAL WEIGHT WEIGHT FER m Section area mm <sup>2</sup> section area mm	CAST NO.   ACTUAL   MEIGHT   Section   Area   Seress   MPa   Strength   MPa   Strength   MPa   Strength   MPa   Strength   MMPa   Streng	CAST NO. WEIGHT PER m 2 2 MPa  Strength MPa	CAST NO. Marient FER m Stress MPA Strength MPA Strength AMA PARA STRESS MPA STRENGTH AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Section Area may be a strength AMAX. Perce (Active FER m) Amax	CAST NO.	CAST NO.   N	CAST NO. Metallic Secretary Secretary Secretary Street Str







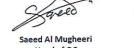
Bend Test : Satisfactory Rebend Test : Satisfactory

Manufacturing process : Quenched & self-tempered

Test Method: ASTM E415 / BS EN

ISO 15630-1





# EMIRATES STEEL - INDEPENDENT LAB TEST REPORTS



Element Materials Technology ME Limited Abu Dhab

Plot 25, Umm Al Naar (Sas Al Nakhl), PO Box 9191, Abu Dhabi, United Arab Emirates P: +971 (0)2558 2345 F: +971 (0)2558 4515

info,abudhabi@element.com element.com

## **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

- 8mm Dia Rebar Sample; Grade B500B

Cast No: 1114410

Specification

- BS 4449: 1988 & 2005+A3:2016

Report Number A 930177 : Issue 1
Page 1 of 3
Order Number 5109223978
Date Tested 14/02/22
Date Reported 21/03/22

Physical Parameter	rs - BS 4449 :	2005 +	A3:201	6."			Secretary 1
	Nominal Size [mm]	Mass [Kg]	Length [m]	Mass/ Metre [Kg/m]	Effective Cross Sectional Area [mm <sup>2</sup> ]	Effective Diameter [mm]	Comments
001:Deformed Bar 002:Deformed Bar	8	0.232	0.613	0.379	48.3 48.3	7.8 7.8	N13 N13
003:Deformed Bar	8	0.232	0.613	0.379	48.3	7.8	Ntl

Tensile Test (Rebar) - I	Nominal Size	05 + A3 : 201  Area [mm²]	IGL [mm]	YL [kN]	R <sub>p0,20</sub> (N/m <sup>2</sup> )	UTL [kN]	UTS [N/mm-]	EI [X]	A <sub>gt</sub>	Comments
004:Deformed Bar	8	50.3	100.0	29.8	592	34.0	676	0	10	1.1
005:Deformed Bar 006:Deformed Bar	8	50.3 50.3	100.0 100.0	30.4 29.9	604 594	34.2 34.2	680 680	0	9 10	1.13

Bend Test (Rebar) - B		788 (W)			
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
007:Deformed Bar	8	3d	0 - 180	Acceptable	Nil

Re-bend Test (Rebar)	- BS 4449	: 2005 + A	3:2016		The Charles of the Control of the Co
¥	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
008:Deformed Bar	8	4d	90 - 20	Acceptable	Nil
	-			. H	(32)



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P.O. Box: 9022

8mm Dia Rebar Sample; Grade B500B

Cast No: 1114410

Report Number A 930177

: Issue

2 of 3

	C	[*]	Si	[%]	Mn	[%]	P	[%]	S	[%]	Cr	[%]	Ni	[%]	Мо	[%]	В	[%]	Cu	[%]	٧	[%]	Comments
009:		0.22	- (	).16		0.57		0.017		0.013		0.01		0.01	<	0.01	0.	0003	<()	,01	<()	.005	See Below
	Ca	[%]	CEV	[%]	N	[4]																	Comments
009:	<0	.001		1.32	1	0.010																	See Below

Rib Geometry - BS 444	19 : 2005 + A	3:2016	
	Position	Details	Comments
010:Rebar	N/A	N/A	See attached report no. A930177-1 (1 page)

#### Certificate Comments

El(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of  ${\sf Grade}\ 460$ .

CEV calculated in accordance with BS 
$$\frac{4449}{Ni+Cu}$$
 CEV = C +  $\frac{Mn}{6}$  +  $\frac{Cr+Mo+V}{5}$  +  $\frac{Ni+Cu}{15}$ 

See attached Tensile Test graphs (2 pages).

See attached photograph for bend and rebend tested samples (1 page).







Element Materials Technology ME Limited Abu Dhabi

Plot 25, Umm Al Naar (Sas Al Nakhl), PO Box 9191, Abu Dhabi, United Arab Emirates P; +971 (0)2 558 2345 F; +971 (0)2 558 4515

info.abudhabi@element.com element.com

## **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

Specification

10mm Dia Rebar Sample; Grade B500B Cast No: 2085974

- BS 4449: 1988 & 2005+A3:2016

Report Number A 930178
Page 1 of 3
Order Number 5109223978
Date Tested 14/02/22
Date Reported 21/03/22

: Issue 1

issue i

Physical Paramete	rs - BS 4449 ;	2005 +	A3 : 201	6*			
	Nominal Size [mm]	Mass [Kg]	Length [m]	Mass/ Metre [Kg/m]	Effective Cross Sectional Area [mm <sup>2</sup> ]	Effective Diameter [mm]	Comments
001:Deformed Bar 002:Deformed Bar 003:Deformed Bar	10 10 10	0.367 0.373 0.367	0.612 0.611 0.610	0.600 0.611 0.602	76.4 77.8 76.7	9.9 10.0 9.9	N11 N11 N11

Tensile Test (Rebai	) - BS 4449 : 20	05 + A3 : 201	6							
	Nominal Size [mm]	Area [mm <sup>2</sup> ]	IGL [mm]	YL [kN]	Rp0_20 YS (Wmm <sup>2</sup> )	UTL [kN]	UTS [N/mm <sup>2</sup> ]	E1 [%]	A <sub>gt</sub>	Comments
004:Deformed Bar 005:Deformed Bar 006:Deformed Bar	10 10 10	78.5 78.5 78.5	100.0 100.0 100.0	41.4 45.7 44.4	527 582 566	49.0 52.5 51.3	624 669 654	0 0 0	10 10 9	1.18 1.15 1.16

Bend Test (Rebdr) - I	89 4449 ; 19	98 (W)		Turnell	
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
007:Deformed Bar	10	3d	0 - 180	Acceptable	Nil

Re-bend Test (Rebai)	- BS 4449	: 2005 + A	3:2016		Street Street
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
008:Deformed Bar	10	4d	90 - 20	Acceptable	Nil



(32)

اليمنت مانج بلز لكناروحي ام اي استد أبو طبي

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P.O. Box: 9022

10mm Dia Rebar Sample; Grade B500B

Cast No: 2085974

Report Number A 930178 Page

: Issue 1

2 of 3

							30000								33333				SS 200				
	C	[%]	S1	[*]	Mn	[%]	P	[%]	S	[*]	Çr	[%]	Nf	[%]	Мо	[*]	В	[%]	Cu	[%]	٧	[%]	Comments
009:	1	0.20	0	.12		0.53	1	0.009	(	0.014	1	0.01		0.02	<	0.01	<0.	0003	<(	01	<0	.005	See Below
	Ca	[%]	CEV	[%]	N	[*]																	Comments
009:	0	.001	0	.29	1	.009									j								See Below

Rib Geometry - B	S 4449 : 2005 + A	3:2016	
	Position	Details	Comments
010:Rebar	N/A	N/A	See attached report no. A930178-1 (1 page)

#### Certificate Comments

E1(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of  ${\sf Grade}\ 460.$ 

CEV calculated in accordance with BS 
$$4449$$
 CEV = C +  $\frac{Mn}{6}$  +  $\frac{Cr+Mo+V}{5}$  +  $\frac{Ni+Cu}{15}$ 

See attached Tensile Test graphs (2 pages).

See attached photograph for bend and rebend tested samples (1 page).







Element Materials Technology ME Limited Abu Dhabi

Plot 25, Umm Al Naar (Sas Al Nakhl), PO Box 9191, Abu Dhabi, United Arab Emirates P: +971 (0)2 558 2345 F:+971 (a)2.558 4515

info,abudhabi@element.com element.com

# **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

12mm Dia Rebar Sample; Grade B500B Cast No: 3043965

Specification

- BS 4449: 1988 & 2005+A3:2016

: Issue Report Number A 930179 1 of 3 Page Order Number 5109223978 14/02/22 Date Tested Date Reported 21/03/22

Physical Parameter	s - BS 4449 ;	2005 +	A3: 201	6 *			
	Nominal Size [mm]	Mass [Kg]	Length [m]	Mass/ Metre [Kg/m]	Effective Cross Sectional Area [mm <sup>2</sup> ]	Effective Diameter [mm]	Comments
001:Deformed Bar 002:Deformed Bar 003:Deformed Bar	12 12 12	0.526 0.522 0.525	0,612 0,610 0,609	0,860 0,856 0,862	109.6 109.0 109.8	11.8 11.8 11.8	N:1 N:1 N:1

Tensile l'est (Rebar)	- 85 4449 : 20	05 + A3 : 201	6							
	Nominal Size [wm]	Area [mm <sup>2</sup> ]	IGL [mm]	YL [kN]	R <sub>pO_20</sub> [N/mm <sup>2</sup> ]	UTL [kN]	UTS [N/mm <sup>2</sup> ]	E1 [%]	A <sub>gt</sub>	Comments
004:Deformed Bar 005:Deformed Bar 006:Deformed Bar	12 12 12	113.0 113.0 113.0	100.0 100.0 100.0	61.1 60.9 60.6	541 539 536	72.8 72.6 72.8	644 642 644	0 0 0	10 11 10	1.19 1.19 1.20

Bend Test (Rebar) - B	\$ 4449 : 19	(W) 88			
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
007:Deformed Bar	12	3d	0 - 180	Acceptable	N11

Re-bend Test (Rebai)	- BS 4449	: 2005 + A	3 : 2016		10 mm
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [o]	Result	Comments
008:Deformed Bar	12	4d	90 - 20	Acceptable	N11



(32)

اليمثث ماتبريثز تكراوحي تران ليمتد أبو ظبي



P.O. Box: 9022

12mm Dia Rebar Sample; Grade B500B

Cast No: 3043965

Report Number A 930179 Page 2 of 3 : Issue 1

20000000	00000000		20000000	000000000000000000000000000000000000000	planting.				200000		-		2000000	4	-		_			# 0.7		553	0
	C	[%]	St	[*]	Mn	[*]	P	[%]	S	[*]	Cr	[%]	Ni	[%]	Mo.	[%]	В	[%]	Cu	[%]	V	[7]	Comments
009:	- 1	0.21	0	.17		0.63	0.	010		0.016		0.02		0.02	<0.	01	<0.	0003	- 1	0.01		0.005	See Below
	Ca	[%]	CEV	[%]	N	[%]																	Comments
009:	<0	.001	0	),33		0.006																	See Below

Rib Geometry - BS 444	9:2005 + A	3:2016	
	Position	Details	Comments
010:Rebar	N/A	N/A	See attached report no. A930179-1 (1 page)

#### Certificate Comments

El(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of Grade 460.

CEV calculated in accordance with BS 
$$4449$$
 CEV = C +  $\frac{Mn}{6}$  +  $\frac{Cr+Mo+V}{5}$  +  $\frac{Ni+Cu}{15}$ 

See attached Tensile Test graphs (2 pages).

See attached photograph for bend and rebend tested samples (1 page).







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## **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

14mm Dia Rebar Sample; Grade B500B Cast No: 2087173

Specification

BS 4449: 1988 & 2005+A3:2016

Report Number A 930180 Page 1 of 3 Order Number 5109223978 Date Tested 14/02/22 Date Reported 21/03/22

: Issue 1

Physical Parameters - BS 4449 : 2005 + A3 : 2016 \* Effective Cross Effective Nominal Mass/ Comments Sectional Area Diameter Size Mass Length Metre [mm<sup>2</sup>] [Kg/m] [mm] [mm] [Kg] [m]13.8 Nil 149.6 14 0.721 0.514 1.174 001:Deformed Bar 149.7 13.8 NIT 002:Deformed Bar 0.720 0.613 1.175 14 13.8 NIT 1.171 149.2 14 0.714 0.610 003:Deformed Bar

Tensile Test (Rebar	Nominal Size	Area	IGL	YL	R <sub>p0,20</sub> YS 20	UTL [kN]	UTS	E1	A <sub>gt</sub>	Comments
and D. Council Day	[mm]	[mm/-]	[mm] 100.0	[kN] 81.9	532	97.3	632	0	11	1.19
004:Deformed Bar 005:Deformed Bar 006:Deformed Bar	14 14 14	154.0 154.0 154.0	100.0	82.6 80.6	536 523	98.3 96.4	638 626	0	10 11	1.19

Bend Test (Rebar) - B	S 4449 : 19	988 (W)			The Harrison Tollage (1986)
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle	Result	Comments
007:Deformed Bar	14	3d	0 - 180	Acceptable	Nil

Re-bend Test (Rebar	) - BS 4449	: 2005 + A	3:2016		The Mary	
<u>                                     </u>	Nominal Size [mm]	Former Diameter [mm]	Bend Angle	Result	Comments	le le
008:Deformed Bar	14	4d	90 - 20	Acceptable	Nil	



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البعنت مانبرينز تك اوحي ام اي ليمتد أبو طبي

ACCREDITED CERTIFICATE #5669.01



P.O. Box: 9022

14mm Dia Rebar Sample; Grade B500B

Cast No: 2087173

Report Number A 930180

: Issue 1

Page

2 of 3

2525-04	С	[%]	Si	[%]	Mn	[*]	Р	[%]	S	[*]	Cr	[%]	Ni	[%]	Мо	[%]	В	[%]	Cu	[%]	٧	[%]	Comments
009:		0.20		0.17		0.55	0	0.011	0.014		3	0.02		0.02	<	0.01	<0.	0003	<0.01		<0.005	.005	See Below
	Ca	[%]	CEV	[%]	N	[*]																	Comments
009:	0	.002	(	0.30		0.009																	See Below

Rib Geometry -	BS 4449 : 2005 + A	3:2016	
	Position	Details	Comments
010:Rebar	N/A	N/A	See attached report no. A930180-1 (1 page)

#### Certificate Comments

E1(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of Grade 460.

CEV calculated in accordance with BS 4449 CEV = C +  $\frac{Mn}{6}$  +  $\frac{Cr+Mo+V}{5}$  +  $\frac{Ni+Ci}{15}$ 

See attached Tensile Test graphs (2 pages).

See attached photograph for bend and rebend tested samples (1 page).

Test(s) marked # are "Not accredited"



اليمنت مانبربلز تكتولوجي ام اي ليمتد أبو ظبي

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# **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

- 16mm Dia Rebar Sample; Grade B500B Cast No: 1114717

Specification

- BS 4449: 1988 & 2005+A3:2016

Report Number A 930181

: Issue

Page 1 of 3

Order Number 5109223978 Date Tested 14/02/22 Date Tested Date Reported 21/03/22

Physical Paramete	rs - BS 4449 :	Physical Parameters - BS 4449 : 2005 + A3 : 2016 *													
	Nominal Size [wm]	Mass [Kg]	Length [m]	Mass/ Metre [Kg/m]	Effective Cross Sectional Area [mm <sup>2</sup> ]	Effective Diameter [mm]	Comments								
001:Deformed Bar 002:Deformed Bar 003:Deformed Bar	16 16 16	0.958 0.963 0.963	0.611 0.612 0.612	1.568 1.574 1.574	199.7 200.5 200.5	15.9 16.0 16.0	Nil Nil Nil								

Tensile Test (Rebar)	- BS 4449 : 20	05 + A3 : 201	6							
	Nominal Size [mn]	Area [nm <sup>2</sup> ]	IGL.	YL [kN]	R <sub>p0,20</sub> Y\$ <sup>2</sup> ]	UTL [kN]	UTS [N/mm <sup>2</sup> ]	E1 [%]	A <sub>gt</sub> [%]	Comments
004:Deformed Bar 005:Deformed Bar 006:Deformed Bar	16 16 16	201.0 201.0 201.0	100.0 100.0 100.0	109.2 109.5 110.0	543 545 547	133.6 133.1 134.0	665 662 667	0 0	11 10 10	1.22 1.21 1.22

Bend Test (Rebar) -	BS 4449 : 19	(W) 88		March 1	
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [o]	Result	Comments
007:Deformed Bar	16	3d	0 - 180	Acceptable	NET .

Re-bend Test (Rebo	n) - BS 4449	: 2005 + A	3 : 2016		and the control of the second
	Nominal Size [nm]	Former Diameter [mm]	Bend Angle [o]	ResuIt	Comments
008:Deformed Bar	16	4d	90 - 20	Acceptable	N11



البعثث ماتريلز تكتولوجي ام اي ليمتد أبو ظبي

Element Materials Technology WF Limited Chu Thom

All work and services carried out by Element Materials Technology ME Limited Abu Chabi are subject to participate to participate to participate the property of the participate of the p

The results relate only to the item(s) tosted. Sampling conducted by the organisation indicated





P.O. Box: 9022

16mm Dia Rebar Sample; Grade B500B

Cast No: 1114717

Report Number A 930181

: Issue 1

Page 2 of 3

	C	[%]	Si	[%]	Mn	[*]	P	[4]	S	[%]	Cr	[%]	Ni	[%]	Mo	[%]	В	[%]	Cu	[%]	٧	[%]	Comments
009:	- II	0.22	0	.18		0.59	(	0.010		0.020		0.01		0.02	<	0.01	<0	.0003	(	0.01	<0	,005	See Below
	Ca	[%]	CEV	[%]	N	[%]													3000				Comments
009:	<0	.001	0	.32	(	0.013																	See Below

Rib Geametry - BS 44	149 : 2005 + A	3:2016	
	Position	Details .	Comments
010:Rebar	N/A	N/A	See attached report no. A930181-1 (1 page)

#### Certificate Comments

El(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449;2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of  ${\sf Grade}\ 460$ .

CEV calculated in accordance with BS 
$$4449$$
 CEV = C +  $\frac{Mn}{6}$  +  $\frac{Cr+Mo+V}{5}$  +  $\frac{Ni+Cu}{15}$ 

See attached Tensile Test graphs (2 pages).

See attached photograph for bend and rebend tested samples (1 page).

Test(s) marked # are "Not accredited"



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اليعنت ماليريلز تكنولوجي ام اي ليمند أبو ظبي

Flamont Estate talk Technology WS Uniford Aby Chabe  $n + (p+2) + n \cdot n \cdot 1 + 1 \cdot (n \cdot n \cdot n) + 1 \cdot (n \cdot n \cdot n)$  of the  $n \cdot n \cdot n \cdot 1 \cdot (n \cdot n) + 1 \cdot (n \cdot n \cdot n)$  of the  $n \cdot n \cdot 1 \cdot (n \cdot n)$  of  $n \cdot n \cdot n \cdot 1 \cdot (n \cdot n)$ .





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# **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

- 20mm Dia Rebar Sample; Grade B500B

Cast No: 2088333

Specification

- BS 4449: 1988 & 2005+A3:2016

Report Number A 931303 Page 1 of 3 Order Number LPO

Date Tested 26/03/22 Date Reported 28/03/22 : Issue 1

Physical Parameters	Nominal Size	Mass	Length	Mass/ Metre	Effective Cross Sectional Area	Effective Diameter	Comments	
	[mn]	[Kg]	[m]	[Kg/m]	[mm <sup>2</sup> ]	[mm]		
001:Deformed Bar	20	1.568	0.641	2,446	311.6	19.9	NiT	
002:Deformed Bar	20	1.571	0.645	2,436	310.3	19.9	Nil	
003:Deformed Bar	20	1.572	0.646	2.433	309.9	19,9	N11	

1	Nominal Size [mm]	Area [mm <sup>2</sup> ]	IGL [mm]	YL [kN]	R <sub>p0,20</sub> Ys <sup>20</sup> [N/mm <sup>2</sup> ]	UTL [kN]	UTS [N/mm <sup>2</sup> ]	E1 [*]	A <sub>gt</sub>	Comment
004:Deformed Bar	20	314.0	100.0	172.6	550	208.7	665	(4)	11	1.2
005:Deformed Bar	20	314.0	100.0	171.7	547	208.8	665		11	1.3
006:Deformed Bar	20	314.0	100.0	170.8	544	207.9	662	1	11	1.2

Item 004: UTS/YS Ratio: 1.21 Item 005: UTS/YS Ratio: 1.22 Item 006: UTS/YS Ratio: 1.22

Bend Test (Rebar) - B	S 4449 : 19	(W) 88	a de la composición		
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
007:Deformed Bar	20	3d	0 - 180	Acceptable	Nil



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النمنت مانع باز تكنولوجي ام اي ليمند أبو ظبي

Channet Marketals Technology ME Limited Abusthable "This first dispersion from Arch Federates" (Of control fast area [8] Oct 5 (1) 2 5 (1) 15 (1).





P.O. Box: 9022

20mm Dia Rebar Sample; Grade B500B

Cast No: 2088333

Report Number A 931303 Page 2 of 3

: Issue 1

Re-bend Test (Rebat)	- BS 4449	: 2005 + A	3 : 2016		
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
008:Deformed Bar	20	7d	90 - 20	Acceptable	Nil

2040044	С	[%]	Si	[%]	Mn	[*]	Р [	%]	S	[%]	Cr	[*]	N1	[%]	Мо	[%]	В	[*]	Cu	[%]	٧	[%]	Comments
009:	4	0.22		).14		0.57	0.00	8	0	.016		0.01		0.01	<	0.01	0	.0003	<(	0.01	<()	.005	See Below
	Ca	[%]	CEV	[%]	N	[%]																	Comments
009:	0	.002		).31	(	0.010			1														See Below

Rib Geometry -	BS 4449 : 2005 + A	3:2016	
	Position	Details	Comments
010:Rebar	N/A	N/A	See attached report no. A931303-1 (1 page)

#### Certificate Comments

El(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of Grade 460.

CEV calculated in accordance with BS 
$$\frac{4449}{Mn}$$
 Cr+Mo+V Ni+Cu  $\frac{15}{6}$ 

See attached Tensile Test graphs (2 pages).



(32)

البعنت عالم يلز لكنواوجي ام اي ليمند أبو ظبي

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## **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

25mm Dia Rebar Sample; Grade B500B Cast No: 2086398

Specification

BS 4449: 1988 & 2005+A3:2016

Report Number A 930182 Page 1 of 3 : Issue 1 Order Number 5109223978

Date Tested 14/02/22 Date Reported 21/03/22

Physical Parameters	- BS 4449 :	2005 +	A3: 201	6*			San Bulletin
	Nominal Size [mm]	Mass [Kg]	Length	Mass/ Metre [Kg/m]	Effective Cross Sectional Area [mm <sup>2</sup> ]	Effective Diameter [mm]	Comments
001:Deformed Bar 002:Deformed Bar 003:Deformed Bar	25 25 25	2.720 2.727 2.720	0.710 0.712 0.709	3.831 3.830 3.836	488.0 487.9 488.7	24.9 24.9 24.9	N11 N11 N11

Tensile Test (Rebat)	Nominal Size	05 + A3 : 201 Area	6 IGL	YL	R <sub>p0,20</sub>	UTL	UTS	ΕΊ	A <sub>gt</sub>	Comments
	[mm]	[mm <sup>2</sup> ]	[mm]	[kN]	[N/mm <sup>2</sup> ]	[kN]	[N/mm <sup>2</sup> ]	[%]	[*]	2000-0000
004:Deformed Bar 005:Deformed Bar	25 25	491.0 491.0	100.0 100.0	264.8 263.5	539 537	321.4 321.4	655 655	0	12 11	1.22
006:Deformed Bar	25	491.0	100.0	265.4	541	322.0	656	0	11	1,21

Bend Test (Rebar) -	BS 4449: 19	(W) 88			
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [0]	Result	Comments
007:Deformed Bar	25	3d	0 - 180	Acceptable	N11

Re-bend Test (Rebai)	- BS 4449	2005 + A	3:2016		
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle	Result	Comments
008:Deformed Bar	25	7d	90 - 20	Acceptable	N11











P.O. Box: 9022

25mm Dia Rebar Sample; Grade B500B

Cast No: 2086398

Report Number A 930182 2 of 3 Page

: Issue 1

	С	[%]	S1	[*]	Mn	[*]	P [*]	S	[%]	Cr	[%]	Ni	[%]	Мо	[%]	В	[%]	Cu	[%]	٧	[*]	Comments		
009:		.20		.21		0.88	0.008		0.014		0.01		0.01		0.01 <0.01		0.01		0.0004		0.01	<0.005	005	See Below
	Ca	[%]	CEV	[*]	N	[*]																Comments		
009:	0.	003	0	.35	(	.010																See Below		

Rib Geometry - B	s 4449 : 2005 + A	3:2016	
	Position	Details	Comments
010:Rebar	N/A	N/A	See attached report no. A930182-1 (1 page)

#### Certificate Comments

El(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of  ${\sf Grade}\ {\sf 460}$  .

CEV calculated in accordance with BS 
$$4449$$
 CEV = C +  $\frac{1}{6}$  +  $\frac{1}{5}$  +  $\frac{15}{15}$ 

See attached Tensile Test graphs (2 pages).

See attached photograph for bend and rebend tested samples (1 page).







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# **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

32mm Dia Rebar Sample; Grade B500B Cast No: 1114781

Specification

- BS 4449: 1988 & 2005+A3:2016

Report Number A 930373 Page 1 of 3 Order Number 5109223978 Date Tested 22/02/22 Date Reported 21/03/22 : Issue

Physical Parameter	s - BS 4449 :	2005 +	A3:201	6*			
	Nominal Size [mm]	Mass [Kg]	Length [m]	Mass/ Metre [Kg/m]	Effective Cross Sectional Area [mm <sup>2</sup> ]	Effective Diameter [mm]	Comments
001:Deformed Bar 002:Deformed Bar 003:Deformed Bar	32 32 32	4.371 4.351 4.362	0.713 0.714 0.711	6.130 6.094 6.135	780.9 776.3 781.5	31.5 31.4 31.5	N11 N11 N17

Tensile Test (Rebar) -	B\$ 4449 ; 20	05 + A3 : 201	6							
	Nominal Size [mm]	Area [mm <sup>2</sup> ]	IGL [mm]	YL [kN]	R <sub>p0_20</sub> [N/æm <sup>2</sup> ]	UTL [kN]	UTS [N/mm <sup>2</sup> ]	E1 [%]	A <sub>gt</sub>	Comments
004:Deformed Bar 005:Deformed Bar 006:Deformed Bar	32 32 32	804.2 804.2 804.2	100.0 100.0 100.0	466.8 451.2 453.0	580 561 563	563.5 547.7 547.6	701 681 681	•	13 13 13	1.21 1.21 1.21

Bend Test (Rebar) -	BS 4449 : 19	(W) 88			
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle	Result	Comments
007:Deformed Bar	32	3d	0 - 180	Acceptable	Nil

Re-bend Test (Rebo	r) - BS 4449	: 2005 + A	3:2016		
	Nominal Size	Former Diameter [mm]	Bend Angle	Result	Comments
008:Deformed Bar	32	7d	90 - 20	Acceptable	N11



(32)

اليمنت ماتبريلز تكتولوجي ام اي ليمتد أبو ظبي

Element Materials Technology ME Limited Abu Dhab-





P.O. Box: 9022

32mm Dia Rebar Sample; Grade B500B Cast No: 1114781

Report Number A 930373 2 of 3

: Issue 1

00000000				2000/2003 E-A-70	A.C.	5.47	T	F 8/7	r	run.	0.	F97	Ni	F\$1	Мо	[*]	В	[*]	Cu	[%]	v	[3]	Comments
	C	[%]	Si	[%]	Mn	[%]	P	[%]	2	[%]	Cr	[%]	141	[%]	PIO	1.03	-	547	00	F.1	-	F-4.1	
009:	- 3	0,23	0	.20		0.90	0	.022		0.022		0.02		0.02	<0.	01	<0.	0003	(	0.02	1	0.006	See Below
	Ca	[3]	CEV	[%]	N	[#]																	Comments
009:		001		.39		.007				-thi													See Below

Rib Geometry - I	3S 4449 : 2005 + A	3:2016	
	Position	Details	Comments
010:Rebar	N/A	N/A	See attached report no. A930373-1 (1 page)

#### Certificate Comments

El(%) Not required as per standard.

The Tensile. Bend. Re-Bend. Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of Grade 460.

CEV calculated in accordance with BS 
$$4449$$
 CEV = C +  $\frac{1}{6}$  +  $\frac{1}{5}$  +  $\frac{1}{15}$ 

See attached Tensile Test graphs (2 pages).

See attached photographs of bend and rebend tested samples (1 page).







Element Materials Technology ME Limited Abu Dhabi

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# **Test Certificate**

Emirates Steel Industries Co. PJS (Emirates Stee P.O. Box: 9022 Industrial City Of Abu Dhabi (Icad), Mussafah ABU DHABI UNITED ARAB EMIRATES

Attn:

Mr. Bhushan Mahajan

Item

- 40mm Dia Rebar Sample; Grade B500B

Cast No: 2084599

Specification

- BS 4449: 1988 & 2005+A3:2016

Report Number A 931179 : Issue 1
Page 1 of 3
Order Number 5109223978
Date Tested 22/03/22
Date Reported 22/03/22

Physical Parameter	rs - BS 4449 :	2005 +	A3 : 20	16 *					
	Nominal Size [mm]	Mass [Kg]	Length	Mass/ Metre [Kg/m]	Effective Cross Sectional Area [mm <sup>2</sup> ]	Effective Diameter [mm]	Comments		
001:Deformed Bar 002:Deformed Bar 003:Deformed Bar	40 40 40	6.894 6.905 6.890	0.720 0.721 0.719	9.575 9.577 9.583	1219.7 1220.0 1220.8	39.4 39.4 39.4	N11 N11		

Tensile Test (Rebar)	Nominal Size	Area	IGL	YL	R <sub>p0,20</sub> YS 22	UTL	UTS	El	Agt	Comments
204 Defermed Pan	[mm] 40	[mm <sup>2</sup> ]	[mm] 100.0	[kN] 697.1	[N/mm <sup>2</sup> ]	[kN] 863.0	[N/mm²] 687	[%]	[*]	1.24
004:Deformed Bar 005:Deformed Bar 006:Deformed Bar	40	1257.0 1257.0	100.0	695.2 693.9	553 552	863.4 862.0	687 686		12	1.24

Bend Test (Rebar) - 83	6 <b>444</b> 9 : 19	(W) 88			A Character State Control of the
	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [o]	Result	Comments
007:Deformed Bar	40	3d	0 - 180	Acceptable	Nil

Re-bend Test (Rebat)	- BS 4449	: 2005 + A	3 : 2016		
300000000000000000000000000000000000000	Nominal Size [mm]	Former Diameter [mm]	Bend Angle [o]	Result	Comments
008:Deformed Bar	40	7d	90 - 20	Acceptable	Nil
	-				n (32)



اليمنت ماليريلز تكتولوجي ام اي ليمتد أبو ظبي

Clement Materials Technology ME Limited Abu Dhubi PO Gos 3391, Abu Dhahi, United Arab Envirotes





40mm Dia Rebar Sample; Grade B500B

Cast No: 2084599

Report Number A 931179 Page

: Issue

	C [12]	Si [X	7 M	n [%]	P [X]	S	[%]	Cr	[%]	N1	[%]	Mo	[%]	В	[%]	Cu	[%]	٧	[%]	Comments
09:	C [*]	94.36	511	- Conversion	0.012		0.016	1	0.01	<0.		<c.< td=""><td>01</td><td>0</td><td>,0004</td><td>&lt;0.</td><td>005</td><td>&lt;0.</td><td>005</td><td>See Below</td></c.<>	01	0	,0004	<0.	005	<0.	005	See Below
09:	0.19	0.20		1.18	0.012	-	0.010	-	0.01	-				-						Comments
	Ca [%]	CEV [	] N	[%]		-				-		-	_	-	_					See Below
009:	0.002	0.40		0.009																zee pero

Rib Geometry - 85	4449 : 2005 + A	3:2016				
	Position	Details	Comments			
010:Rebar	N/A	N/A	See attached report no. A931179-1 (1 page)			

#### Certificate Comments

El(%) Not required as per standard.

The Tensile, Bend, Re-Bend, Physical and Chemical results are within the specified tolerance limit in accordance with BS 4449:2005+A3:2016 Grade B500B.

Conformity statement reported with no decision rule applied. Uncertainty of measurement is available on request.

(W) = Withdrawn

Former diameter for Bend Test selected as per the requirement of Grade 460.

CEV calculated in accordance with BS 
$$4449$$
  
 $Mn$   $Cr+Mo+V$   $Ni+Cu$   
 $EV = C + -\frac{1}{6} + \frac{1}{5} + \frac{1}{5}$ 

See attached Tensile Test graphs (2 pages).

See attached photographs of bend and rebend tested samples (1 page).









Ref. No.

ESI-RAK-22-001

Date

25 May 2022

To Whom It May Concern:

Subject: Recycled & Regional Material Contents of Construction Materials

We hereby certify that we manufacture the reinforcement steel bars and supply to M/s RAK Middle East Traders LLC, P.O.

Box 6578, Ras Al Khaimah, with the following components for:

Project: Proposed Police Station Buildings

Location: Plot No. 323-0423, Bur Dubai - Dubai, UAE

Material Components		S.7. 1	Recycle	d Content		Regional Material Content				
	Manufacturer / Source	Scrap Percentage Weight (%)	Pre- Consumer content Own Scrap/ Recycle	Post- Consumer Content Weight	Pre- Consumer Content (%) + 1/2 Post- Consumer		/harvesting from site	Manufacturing distance from site		
		Weight (%)		(%) Content (%)			Location		Location	
Rebar, Rebar in Coil, Plain Wire Rod in Coil	Emirates Steel Industries PJSC	10%	6%	4%	8%	Recycled content from local scraps and own generation	Emirates Steel located ICAD-1 Mussafah, Abu Dhabi	Outside UAE Iron Ore Pellets, i.e. Brazil, Bahrain, Oman, Sweden, India, etc.	ICAD-1, Mussafah	

Sincerely,

For (Emirates Steel Industries PJSC)

Name of Authorized Representative

: Reyadh Al Raees

**Company Designation** 

: SR. SALES MANAGER - REBARS AND WIRE RODS

**Authorized Signature** 

25 May 2022

<sup>&</sup>lt;sup>1</sup> Pre-Consumer Content – Also referred as Post-Industrial Content, is defined as materials diverted from the waste stream during the manufacturing process. Excluded is the reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed with the same process that generated it.

<sup>&</sup>lt;sup>2</sup> Post Consumer Content- This is the material generated by the household or by commercial, industrial and institutional facilities in their role as end users of the product which can no longer be used for its intended purpose.

# EMIRATES STEEL - COMPLIANCE STATEMENT

## COMPLIANCE STATEMENT FOR EMIRATES STEEL

Material Description: Deformed Steel Bars (8,10,12,16,20,25 & 32mm dia)

	Steel						emical C					,,20,25 &			nysica	l Proper	ties	
S.No.	dia meter	С%	Si%	Mn%	Р%	S%	Cr%	Ni%	Cu%	Mo%	V%	N%	CE%	YS Mpa	TS Mpa	Agt %	Bend Re-	REMARKS
1	08 mm	0.18	0.17	0.58	0.014	0.008	0.011	0.015	0.001	0	0.006	0.0067	0.287	545	631	7	Good	Comply
2	10 mm	0.21	0.15	0.55	0.017	0.013	0.01	0.017	0	0	0.007	0.0071	0.312	560	656	7.1	Good	Comply
3	12 mm	0.16	0.13	0.54	0.011	0.012	0.011	0.019	0.001	0	0.005	0.0065	0.253	556	627	7.8	Good	Comply
4	16 mm	0.2	0.17	0.59	0.01	0.016	0.016	0.018	0.01	0.001	0.005	0.0094	0.313	580	679	7.8	Good	Comply
5	20 mm	0.21	0.13	0.57	0.014	0.022	0.022	0.023	0.023	0	0.005	0.0081	0.323	557	656	9.7	Good	Comply
6	25 mm	0.22	0.13	0.56	0.012	0.014	0.229	0.018	0.002	0	0.005	0.0076	0.364	533	636	9.7	Good	Comply
7	32 mm	0.22	0.18	0.83	0.016	0.017	0.022	0.022	0.006	0	0.005	0.0077	0.373	559	663	10.2	Good	Comply
BS 44	c as per 149: 2005 de B500	0.24 Max	- 1-		0.055 Max	0.055 Max		0.85 Max					0.52 Max	500 Min	540 Min	5.0 Min		





### **INFRASTRUCTURE PROJECTS**

SL NO	CONTRACTOR NAME	PROJECT DETAILS
3E 140	CONTRACTOR NAME	Improvement of Al Awair Road &
1	Afcons Construction Mideast LLC	International City Accesses
1		Monaco Pavilion, EXPO 2020
2	Al Ahmadiah Contracting & Trading LLC	Monaco Pavinon, EAPO 2020
	Al Alone diele Control die e O Troline II C	China Barrillian @EVDO 2020 Burkari HAE
3	Al Ahmadiah Contracting & Trading LLC	China Pavillion@EXPO 2020, Dubai, UAE
١.		D I D 'II' GEVDO 2020 D I ' HAE
4	Al Ahmadiah Contracting & Trading LLC	Belarus Pavillion@EXPO 2020, Dubai, UAE
_		Kazakhstan Pavilion @ EXPO 2020, Dubai,
5	Al Ahmadiah Contracting & Trading LLC	UAE
		A D
6	Al Ahmadiah Contracting & Trading LLC	Austria Pavilion @ EXPO 2020, Dubai, UAE
	., ., .,	BADEN WURTTEMBERG PAVILION @
7	Al Ahmadiah Contracting & Trading LLC	EXPO 2020, Dubai, UAE
	., ., .,	
8	Al Ahmadiah Contracting & Trading LLC	Luxembourg Pavilion @ EXPO 2020, Dubai
9	Al Ghurair Contracting & Engineering Works	Dragon Mart Furniture Showroom
10	Al Hudaiba Contracting LLC	Al Nasr Sports Club, Dubai
11	Al Sahel Contracting Company LLC	TECOM Innovation HUB @ Internet city
12	Al Sweidi & Shams Cont Co LLC	Heirs of Haji Jasim Abdul Hussain Project
13	Albwardy Engineering Enterprises Est	Motor City Shopping Mall
		SPINNEYS COMMUNITY CENTER LAYAN
14	Albwardy Engineering Enterprises Est	Dubai
		Industrial Building - Warehouse of
15	Albwardy Engineering Enterprises Est	Spinneys Abu Dhabi LLC
		Dragon City Mix use Complex at
16	Ali Mousa & Sons Contracting	International City, Dubai
		Design and Construction of Borouge
17	Asia Prime General Contracting Co LLC	Warehouses, Khalifa Port
		Al Furjan - Infrastructure Phase 2- Package
18	Belhasa Projects LLC	11 to 18
19	Belhasa Six Construct LLC	EXPO 2020 Dubai - France Pavilion
20	Belhasa Six Construct LLC	EXPO 2020 Dubai - Belgium Pavilion
		The Island Development Marine Works
21	Belhasa Six Construct LLC	(WIS Project)
22	Belhasa Six Construct LLC	DWE - Dubai Waste Management Center
		Refuse Derived Fuel Facility, Umm Al
23	Belhasa Six Construct LLC	Quwain
		Access Road from Umm Suqeim Road to
24	Bin Ladin Contracting Group LLC	Arjan Devel
		Road & landscape works for Expo 2020
25	Bin Ladin Contracting Group LLC	Roads network (RTA Approved)
25	Din Laum Commacung Group LLC	Moaus hetwork (MIA Approveu)

		Pearl Jumeirah Additional Infrastructure
26	Bin Ladin Contracting Group LLC	Works
20	bili Laulii Coliti actilig di oup LLC	WOLKS
27	Bin Ladin Contracting Group LLC	Public Bus station project RTA Approved
27	Bill Lauili Conti acting Group LLC	2 7
		Sharjah International Airport Expansion
28	Bin Ladin Contracting Group LLC	Program
		DM Dubai Safari @safari village Al Warquaa
29	Bin Ladin Contracting Group LLC	Dubai
30	Bin Ladin Contracting Group LLC	Sheikh Zayed Road Project (RTA)
		Nad Al Sheba 4th Sewerage and Drainage
31	Binladin Contracting Group LLC	Upgrading Project (DM Approved)
		JSW Cement FZE 3000 TPD Clinker Plant, Al
32	CBMEC Middle East Contracting LLC	Ghail
		Expansion of Container Terminal 1 at
33	China Harbour Eng. Co. LLC	Khalifa Port, Abu Dhabi
		Silicon Park - Main Construction Work
34	China State Consturction Engineering Corp	Package
		Improvement and upgrading of Al Badee
		Interchange on Emirates Road (E611)
35	China State Consturction Engineering Corp	(MOID Approved)
		Badr Phase 1 ME3900 Infrastructure - Road
36	Concord Stars Contracting LLC	and Pavements
	concert build contracting 220	MRB- Dubai Hills Estate External DM
		Utilities Connections Storm Water Drainage
37	Detech Contracting	Works
<b>—</b> 77	Detecti contracting	Al Barsha South 2 & 3 Sewerage and
38	Detech Contracting LLC	Drainage Systems - Phase II
39	Detech Contracting LLC	Route 2020 Metro Rail Project
33	Detecti Contracting LLC	Jebel Ali Labour City - Contract 2-Roads and
40	DX Contracting LLC	Infrastructure Works
40	DA COULT ACTURE LLC	Ras Al Khor Master Development on Plot
44	DV Contracting LLC	
41	DX Contracting LLC	No 614-283 - Landscaping Works Satwa Zone S- Phase 2- Construction of
43	DV Contracting LLC	
42	DX Contracting LLC	Roads & Infrastructure Works
	E I I M h II C	Ministry of Justice & Federal Courts
43	Emirates Link Maltauro LLC	Complex in Abu Dhabi
44	EXPOLINK	Metra Rail Project
		ADVOCADLA III. III. III. III. III. III. III. II
45	Green Oasis General Contracting Company LLC	ADNOC Distribution Project
46	Green Oasis General Contracting Company LLC	Construction of ENOC filling station
47	Green Scape landscape and Maintnance Cont.	Pump Station for Mushrif Forest
		ADNOC - Construction of al madean al taala
48	Gulf Asia Contracting Co LLC	servise station
49	Hyundai Engineering & Construction	Borouge 3 utilities & offsite
		Artificial island for Satah Al Razbot project
50	MEDCO (ADNOC)	(Sunre)
		1. /

		Much arms a Doub Marina Davidamment Alau
	National Marina Duadaina Communi	Mugharraq Port Marine Development, Abu
51	National Marine Dredging Company	Dhabi
52	Overseas AST Company LLC	Layyah Combined Cycle Power Plant
53	Overseas AST Company LLC	YAS South : Integrated Destination Resort
54	Overseas AST Company LLC	Dubai Harbour Masterplan marine Works
55	Overseas AST Company LLC	Integrated Destination Resort (YAS South)
56	Overseas AST Company LLC	Outfall Pipeline Relocation
		Design and Build of the Boardwalk and
57	Overseas AST Company LLC	Piers at Palm Jumeirah
58	Overseas AST Company LLC	Bay Marina Pier Structure, Dubai
		IBN BATTUTA MALL EXPANSION,
59	Parkway International Contracting LLC	Construction of Hotel
60	Parkway International Contracting LLC	Al Habtoor Polo Club
61	SK Engineering & Construction	M-Project (ADNOC), Fujairah
62	Strabag	Jameel Art Center, Dubai
		Structural Metal works,Road lighting
		works,Storm water drainage
63	Top Link Contracting & General Transport LLC	works,Manholes
		Structural Metal Works, Road Lighting
64	Top Link Contracting & General Transport LLC	Works Dubai
		Link Road Bt. Sh. Khailfa St. Fujairah with
65	Top Link Contracting & General Transport LLC	Khatam Al Mualaha Broder Post
	1 Section 1	
		Upgrading Development for Maliha Road
66	Top Link Contracting & General Transport LLC	Linking Sheik Khalifa Road Project
- 00	Top blink dolltracting & delicial Transport bbc	Emiking offetik Kilama Road i Toject

### **SUB STATION PROJECTS**

SL NO	CONTRACTOR NAME	PROJECT DETAILS
JE NO	CONTRACTOR NAME	MBRSOLAR 400/132Kv Substation and
1	ABB Industries LLC	Associated Works
2		
	Developer Building Contracting LLC	SEWA Sub Station - Al Tay
3	Developer Building Contracting LLC	SEWA Sub Station - Safari Park
4	Developer Building Contracting LLC	SEWA Sub Station - Al Madam
_	D. L. C. Plant della O. Martin, A. Handi (D. PMA)	Cool Helen
5	Dubai Electricity & Water Authority (DEWA)	Creek Harbour
	D. L. C. Plant della O. Martin, A. Handi (D. PMA)	Harris Carl 400 KWC betallar
6	Dubai Electricity & Water Authority (DEWA)	Hassyan Coal 400-KV Substation
_	Dalasi Flantisi sita O Mistan Anthonita (DEMA)	Madina Calentatian
7	Dubai Electricity & Water Authority (DEWA)	Madina Substation
	Dalasi Elastrisita O Mistar Aratharita (DEMA)	Maior Colombation
8	Dubai Electricity & Water Authority (DEWA)	Majan Substation
	Dalasi Elastrisita O Mistar Aratharita (DEMA)	CITC of DCDNDIVID Colored
9	Dubai Electricity & Water Authority (DEWA)	SITC of RSDNRKHR Substation
10	Dalasi Elastrisita O Mistar Aratharita (DEMA)	Maior Colombation
10	Dubai Electricity & Water Authority (DEWA)	Majan Substation DEWA Sub Station - Al Qudra
11	Emirates Electrical Engineering LLC	DEWA Sub Station - Ai Qudra DEWA Sub Station - Pond View
12	Emirates Electrical Engineering LLC	DEWA Sub Station - Pond View  DEWA Sub Station - Etisalat Satellite
13	Emirates Electrical Engineering LLC Emirates Electrical Engineering LLC	DEWA Sub Station - Edisalat Satellite  DEWA Sub Station - Villnas
14		
15 16	Emirates Electrical Engineering LLC GECO Mechanical & Electrical Ltd Co	DEWA Sub Station - Sundoss SEWA Sub Station - Al Jada
16	GECO Mechanical & Electrical Ltd Co	
17	Croon Oogia Conoral Contracting Company II C	Tulip Street Substation at Jumeirah Village
17	Green Oasis General Contracting Company LLC	Triangle DEWA supply of water distribution
10	Croon Oscic Conoral Contracting Company II C	network of GRE pipes Project
18	Green Oasis General Contracting Company LLC	network of GRE pipes Project
19	Green Oasis General Contracting Company LLC	DEWA Sub Station - Qusais
19	dreen basis deneral contracting company LLC	DEWA Sub Station - Qusais
20	Green Oasis General Contracting Company LLC	DEWA Sub Station - Al Fay
20	dicen oasis deneral contracting company and	DEWN Sub Station In Lay
21	Green Oasis General Contracting Company LLC	DEWA Sub Station - Keranola
	areen ousis deneral contracting company LLC	DEWITOUD GUARDII INCI AIIOIA
22	Green Oasis General Contracting Company LLC	DEWA Sub Station - Mushrif
	areen easis denotal dentificating company bbc	22.111 out outdon Plusinin
23	Green Oasis General Contracting Company LLC	DEWA Shunt Reactor - Al Mebeam
	areen easis denotal dentificating company bbc	22.771 offullt fledetor Thi Piebedin
24	Green Oasis General Contracting Company LLC	DEWA Shunt Reactor - Al Selal
	areen easis denotal dentificating company bbc	22.771 OHAIR ROUGEOF TH OCIAL
25	Green Oasis General Contracting Company LLC	DEWA Shunt Reactor - Al Qusais
	area case denotal dentificants denipully but	22.772 ordine reductor in Quodio
26	Green Oasis General Contracting Company LLC	DEWA Shunt Reactor - Dubai Airport
27	Larsen & Toubro Limited, Construction.	DEWA Sub Station - RACECORS, Dubai
28	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Layyah, Sharjah
	donote a round a round a caroni	122 Day July Dilar July

29	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Canal Gate & QANAT
30	Larsen & Toubro Limited, Construction.	FEWA Sub Station -Khalifa City, Abu Dhabi
31	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Dhafra
32	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Miracle Garden
33	Larsen & Toubro Limited, Construction.	DEWA Sub Station - IBN Battuta
34	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Cement Factory Dubai
35	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Ummdaman
		FEWA Sub Station - Baniyas Square, Abu
36	Larsen & Toubro Limited, Construction.	Dhabi
37	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Towayya
38	Larsen & Toubro Limited, Construction.	DEWA Sub Station - Amwaj

## **RESIDENTIAL & COMMERCIAL BUILDING PROJECTS**

SL NO	CONTRACTOR NAME	
2L NO	CONTRACTOR NAME	PROJECT DETAILS
		Nabeeha Naser Najim Apartment
1	Actco General Contracting Co LLC	(G+5P+15TYP) Tower, Sharjah
		Proposed (B+G+7TYP+HC) Residential
2	Al Ahmadiah Contracting & Trading LLC	Building at Mankhool
		Redwood Park -75 Nos Townhouses @
3	Al Ahmadiah Contracting & Trading LLC	Jumeirah Golf Estates, Dubai
4	Al Ali Construction	Hilton Hotel, Al Marjan Island, RAK, UAE
		R 1063) B+G+3+HC Residential Project
5	Al Arif Contracting Co LLC	(PQ)
6	Al Arif Contracting Co LLC	Hotel Staff Accommodation
7	Al Arif Contracting Co LLC	4B+G+23 Floor Building at Al Nahda Dubai
	in in in domerating to 220	12 · G · 20 11001 Panamg acm manaa Papar
8	Al Arif Contracting Co LLC	Residential Zones at Ras Al Khor Dubai
9	Al Blouki Building Contracting	2B+G+6 Residential Building
		G+2P+8+R Comm/Resi Building at
10	Al Buhaira Contracting LLC	Jumeirah Garden City
11	Al Buhaira Contracting LLC	B+G+2P+14+2R Building at Al Jaddaf
12	Al Buhaira Contracting LLC	2B+G+M+3+R Building
12	Al bullan a contracting LLC	ZD+G+M+3+K bulluling
		Construction of Drivets Ville for Client or
40	Al Charles Controlling O. Freiter de JAV. de	Construction of Private Villa for Client on
13	Al Ghurair Contracting & Engineering Works	Plot No .6166760 @ Nad al sheba 3
		Palm Jumeirah Hotel Apartment @ Palm
14	Al Ghurair Contracting & Engineering Works	Jumeirah
		D ( 1 41D 1
15	Al Ghurair Contracting & Engineering Works	Premier Inn Al Barsha
16	Al Ghurair Contracting & Engineering Works	Premier Inn IBN BATTUTA
		Private Resort at Jumeirah Island 2, HDD
17	Al Naboodah Contracting Co LLC	Works
18	Al Rostamani Pegel LLC	POSS I R533 Jumeirah Plot D Development
		Design and Construction of GYM, Pool and
19	Al Sahel Contracting Company LLC	SPA Building in Nakhail Lodges
		J-250 Madinath Jumeirah Living - Sales
20	Al Sahel Contracting Company LLC	Cluster Phase 1
		Proposed Building (G+2 Podium + 9 Floors
		+ H. C) @ Shiekh Mohammad Bin Rashid,
21	Al Sahel Contracting Company LLC	Dubai
		J248- Construction of G+2P+16+R (5 Nos of
		Towers) Commercial Resi Building at Al
22	Al Sahel Contracting Company LLC	Barsha South 3,
	company 220	Q-Zone at Plots Mu -002, MU-005/006 &
23	Al Sahel Contracting Company LLC	MU -007, Liwan, Dubai Land
	I'm ounce doller define dollipaily bbd	1.10 007, Diwaii, Dabai Dalia

		Cl
		Cherrywoods Townhouse 378 Villas - Phase
24	Ali Mousa & Sons Contracting	1, Dubai
		Construction of 818 Villa at Al Seyouh 16 @
25	Ali Mousa & Sons Contracting	Sharjah
		Labour Acomodation at Warsan 3 (DM
26	Alsarh Contracting	Approved) (Sunre)
27	Amar Al Khaleej Construction LLC	G+5+R RES @ AL BARSHA SOUTH, DUBAI
		Construction of Residentail Development
28	Arab Contractors Dubai LLC	B+G+6 At Al Barsha, Dubai
_		PT-121- Villa Development for Tecom
29	ASCON	Investments - Building Works Package
30	Belhasa Six Construct LLC	Dubai Up Town
31	Bin Ladin Contracting Group LLC	American University of Sharjah
32	Bin Ladin Contracting Group LLC	RIU Hotel & Resorts at Deira Island
32	bili Laulii Conti acting droup LLC	Town Square Development - Phase 1
22	Din Ladin Contracting Crown LLC	
33	Bin Ladin Contracting Group LLC	Shallow Utility Services - Packages 3
		W 1 18: 8 1:17:1 8 11:
		Mahammed Bin Rashid Library Enabling
34	Binladin Contracting Group LLC	Works Pachage (DM Approved)
35	Binladin Contracting Group LLC	Town Square Development - Phase
		Little Gems International School, Al Barsha
36	Chicago Maintenance & Construction	(PQ)
		Akoya Oxygen Phase 7- Cluster M1 & N2 on
37	China State Consturction Engineering Corp	Plot No 9160101
38	China State Consturction Engineering Corp	Sheik Zayed Housing Programme Project
		Hameri Tower (G+4P+27) Residential
39	China State Consturction Engineering Corp	Building Plot at Jumeirah Village Circle
40	China State Consturction Engineering Corp	Arenco Crescent Hotel at PJCRC - 39
	3 5 1	·
		G+3+Health Club Residential Development
41	Construction and Building Engineering LLC	Plot No 359-973, Al Quoz 4th, Dubai
<u> </u>	2	
42	Construction and Building Engineering LLC	Old Karama Development (G+3) (2 Nos)
74	Someti dedon and building Engineering EEC	ora Rarama Development (0.13) (2.1103)
43	Construction Piling Company LLC	B+G+2M+20F+R Building Ras Al Khaimah
45	Consulaction rining company LLC	<u> </u>
	En augumnialet Estal Ca Ltd	MBR - Dubai Hills Estate 132/11 KV
44	Energoprojekt -Entel Co Ltd	Substation
		W. D. C. D. C.
45	Engineering Consortium Consulting Engineers	Makeen Residence Project
		Artesia at "Akoya by DAMAC" on Plot no
46	Engineering Consortium Consulting Engineers	676-5408 @ Al -Hebiah Third, Dubailand

		TD.C.20. DE Duilding AHAD Decidence
47	Evan Lim Donta Construction Co. LLC	5B+G+29+RF Building AHAD Residence,
47	Evan Lim Penta Construction Co. LLC	Business Bay, Dubai
		G+4Floors + Roof Labour Accomodation @
48	Forward Engineering Building Contracting LLC	Jebel Ali
40	Cronada Europa Engineering Construction LLC	Dingatti MDD Duainaga Day
49	Granada Europe Engineering Construction LLC	Bingatti MBR - Business Bay
50	Cranada Europa Engineering Construction IIC	Pingatti Catayyay Al Jadaf
30	Granada Europe Engineering Construction LLC	Bingatti Gateway - Al Jadaf
51	Granada Europe Engineering Construction LLC	Bingatti Avenue - JVC
31	dranada Europe Engineering construction EEC	bligatti Avenue - jve
52	Green Oasis General Contracting Company LLC	B+G+4 Building at Jumeirah Village Circle
	dieen easis deneral denerating company 220	Juma Al Majid (3B+G+M+3+R) The Business
53	Gulf Asia Contracting Co LLC	Centre Al Garhoud
- 33	000 1010 0010100111g 00 220	LAWNZ BY DANUBE (Commercial and
54	Gulf Asia Contracting Co LLC	Residential Building B+LG+G+7F+R)
		Leerbach Palace (G+3Podium+15 floors +
55	Gulf Asia Contracting Co LLC	Roof)
56	Gulf Asia Contracting Co LLC	Alpha Data, Dubai
		B+G+1st+4P+Ser.Flr+Swinning pool Flr +
		HC flr + 23 typ flr + Ser flr, Hotel Building
57	Gulf Asia Contracting Co LLC	(Al Sheraifi)
58	Hadeed Emirates Contracting	Akoya Oxygen 134 Villas Phase 2
59	IAS Lootah Contracting LLC	G+3P+10Typ+ GYM+R @ Al Jadaf
60	IHCC	Saudi German Hospital - Ajman
61	IHCC	Saudi German Hospital - AL Barsha
62	Jk Bauen	Germany Island the Heart of Europe
		Marble Arch B+G+4P+40+R Building,
63	Modern Executive System	Business Bay
64	MS Construction	Distirct One Meydan Sobha
		(2B+G+5+R) Mid Rised Residential
65	OST Constructional Projects LLC	Apartment
		Dubai Health Care City (DHCC-DHCC 11)
66	Overseas AST Company LLC	District Cooling Project
		Empower - Bulewater Islands District
67	Overseas AST Company LLC	Cooling Project
		Emaar, Dubai Hills Estate Develepment,
68	Parkway International Contracting LLC	Golf Suites
		Construction of Centara Deira Island Beach
69	Parkway International Contracting LLC	Resort

70	Parkway International Contracting LLC	Mediterranean Project
		Fairways Vistas PA-02 Approved by
71	Parkway International Contracting LLC	EMAAR
72	Parkway International Contracting LLC	Mudon Views
		Safeer Tower (1B+G+25F+R) @ Marina
73	Rose City Contracting LLC	Dubai
		Bellevue Towers (B+G+2P+22/23)
74	Seidco	Residential & Commercial Complex
		Hotel Building on Plot 1250114 at Riqqat Al
75	SS Lootah Contracting Co	Bateen, Dubai
76	Ssangyong Engg BESIX JV	Royal Atlantis, Dubai
77	Stromek Emirates Foundation LLC	Al Ahly Club Residentail Development
		D1002 Al Ahly Club Residential
78	Stromek Emirates Foundations LLC	Development
		B+G+M+58 Floors +2 Services Residential &
		Commercial Tower & Proposed 2B+G+9
79	Stromek Emirates Foundations LLC	Flrs Parking
		R1083 Al Quasis Residential Devolopmental
		Plot No.248-6508-Main Package A Dubai
80	Technical Architect Contracting LLC	,UAE
81	Terna Gek Group	Diyafah International School Phase 2
82	Terna GEK Terna Group	Dar Al Shiifa Hospital
83	Terna SA GEK Terna Group	Al Rayyan Complex @ Al Nadha, Sharjah
		380 Residential Compound (Group-A), Al
84	The Arab Contractors	Seyouh 16 - Sharjah Govt Approved
		Blue Wave Tower, Dubai Al Ain Road, Majan
85	Tiger Contracting Co LLC	Area, Dubai
86	Tiger Contracting Co LLC	Regina Tower, JVC, Dubai
87	Yanal Building Contracting Co. LLC	Villas at Al Seyouh, Sharjah
		Residential & Commercial Building at
88	Yanal Building Contracting Co. LLC	Fujairah









#### IN101 Irrigation Main Network for Sh. Zayed Bin Hamdan Road

			Contract	No. IN101		
		M	ATERIAL SUI	BMITTAL FORM		
Date: 9-I	Feb-2023	w Submittal	☐ Re Submittal	Document Ref. No:	351584-IN10	01-DTC-MAS00018_R00
Discipline:	O Civil	O Mechanical	○ Electrical	O Hardscape	○ Softsca	pe O Landscape
	Irrigation	O Architectural	ОМЕР	Others (please spe	ecify):	
ITEM DESCRII	PTION		xy Coated Reinforceme DM Irrigation Works (A		ning to BS 4449	2005 and Coating Comply to ASTM
Location Who	ere Item will be used	For Structure wor	<s< td=""><td></td><td></td><td></td></s<>			
BOQ ITEM RE	F	PART-15A d/15A/	8-R1, d/15A/9 & PAR	T-15B d/15B/7-R1,d/15B/	100000	ENCLOSURES
		R1		23/24 1/2		OQ Pages
CIFICATIO	N REF	Volume 2, Part A, S	ection 4	27/2	- AN	ecification Pages rawings
ST SADED WAS DOWN WITHOUT	N CLAUSE REF	Clause 4/8	27	RECEIVED FOR		ecification Compliance Pages
			91	0 9 FEB 2023	☑ Tr	ade License
		1	84	PARSONS CO		imple Submittal
				DUBAI		ntalogue / Pre-qualification
DRAWING R	EF	IN101-UT-IR-4553	· ·	ST 21/21/21/2019	in the same of the	est Report O Certificate
MANUFACTU	RER	Emirates steel Indu	stries Co., Abu Dhabi, U			revious Approval
			,			there Technical Data Sheet
	913	Rak Middle East Tra	aders LL.C, RAK, UAE.	(SUNRE INDUSTRIES L.L.C.	/(c	ONTRACTING
LOCAL SUPPL	LIER	DUBAI, UAE. )	STORE MERCHEN CONTROL TO THE PROPERTY OF THE P		LECK Y	Well.
From			Date Approv	al Required	000	Approval Requested by
Detech / Eng.l	event Saribas	t Man das	7 AS.	AP	150	M/s Detech Contracting LLC
( Resident Eng.	the state of the s	The second secon	to the att	ached comm	ents 8	Hele Lage Lage Lage Lage Lage Lage Lage Lag
ADDITIONAL COMMENTS						
For Client / En						STATUS
Name:		a. Ayad				APPROVED
		a. Ayad				APPROVED AS NOTED
Signature :						REVISE AND RESUBMIT
						NOT APPROVED
						INCOMPLETE - RETURNED WITHOUT REVIEW



#### SUBMITTAL REVIEW COMMENTS

	DISCIPLINE	CONTRACTOR: M/s DETECH Contracting L.L.C	
	Irrigation	Project : IN101 Irrigation Mian network for Sh. Zayed : Bin Hamdan Road	
		Submittal No. : 351584-IN101-DTC-MAS00018_R00	
		Subject  Sub	Rev: 00
		Status : Approved as Noted	
		Comments on : 12-02-2023	
No	Spec. Div /sec / clause No. Ref.	POL Comments	Contractor Response
1		The alternative supplier proposed by contractor to be used in emergency case if previously supplier unable to supply on time (please refer to the attached email from contractor)	
2		Proposed source of material manufacturers Emirates steel industries Co. Abu Dhabi, UAE for the supply of 8mm-20mm Epoxy Coated Reinforcement Bars is recommended for approval based on compliance and previous DM approval. subject to the following is strictly complied with:	
3		Samples from delivered material are tested (for required properties) in DCL for the verification of compliance to the contract specification.	
4		All material delivered to the site must comply with the contract specification, approved drawing and authority requirements.	
5		The bars in each lot shall be legibly tagged by the manufacturer /fabricator before inspection.	
6		Steel to be tested before coating.	
7		The coating to comply with ASTM A775/A775M and BSISO 14656	
8		Manufacturer's QC report to be submitted along with each consignment of the material delivered to the site.	
9		Material storage and handling at site should be in strict compliance to the recommendation of the manufacturer.	
10		All reinforcement bars shall be free from detrimental dirt, rust, paint grease, oil and other foreign substances.	
11		Material delivered to the site to be offered for consultant inspection prior to use.	
11		DM consent/approval is obtained	

12.02.2023

Note: This form shall remain attached to the submittal throughout its review and shall be kept as a permanent record.

PIL-GEN-FR-00004 DATED JAN. 2020. Rev.0







## IN111 -Upgradation and Modification of Existing Pump Station (Irrigation Main Network)

	Contract No. IN111  MATERIAL SUBMITTAL FORM							
	MATERIAL SUBMITTAL FORM							
Date: <b>24</b> -	Feb-2023	☑New Submi	ttal [	Re Submittal	Document Ref. No:	351584-IN111-DT	C-MAS00049_R00	
Discipline:	<b>⊚</b> Civil	∩ Mer	chanical	○ Electrical	Hardscape	○ Softscape	Clandscape	
	Orrigation	Arcl	hitectural	<u></u> МЕР	Others (please s	specify):		
ITEM DESCR	IPTION				inforcement Bars (St 5/A775M) for DM Irrig		ng to BS 4449:2005 and	
Location Whe	re Item will be use	d Booster	Pump Sta	ation, Al Ain Road				
BOQ ITEM RI	ΞF	d/16B/3	Q, R, S & 1	Γ.		☑ BOQ Pag		
SPECIFICATION REF			2, Part A S	pecification for Gen	neral Works	☑ Drawings		
SPECIFICATI	ON CLAUSE REF	Section 4	1/8			☑ Trade tit ☐ Sample : ☐ Catalogu	tion Compliance Pages cense Submittal le / Pre-gualification	
DRAWING F	REF	ST-IR-01	-02-002, S	ST-IP-01-02-003 & S	ST-IP-01-02-004	The second secon	on <b>aliDrawi</b> ng	
MANUFACTU	RER	Emirates	steel Indu	stries Co., Abu Dha	abi.	✓ Others: ]	Approval TDS: Warranty &	
LOCAL SUPF	'LIER	RAK Mid	dle East Tr	raders L.L.C (Altern	native Supplier)	Coating de	etails	
From				Date Approva	al Required	Appro	val Requested by	
Detech Contra	acting / Eng Nibin			ASA			ech Contracting LLC	
Resident Eng	Re	fu t	5 th	ic alto	rehed to 18/2/23	imments,	. Sheet.	
ADDITIONAL COMMENTS								
For Client / En	gineer		п				STATUS	
Name :						☐ APPR	OVED	
						APPRO	OVED AS NOTED	
Signature :						☐ REVIS	E AND RESUBMIT	
9.700000						□ NOT A	APPROVED	
						☐ INCO!	MPLETE - RETURNED	
						WITH	HOUT REVIEW	







Client's / Consultant's Use Only

MATERIALS APPROVAL FORM					
Client :	DUBAI MUNICIPALITY		Material Submission No :	351584-IN111-DTC-MAS00049_Rev 00	
Consultant :	PARSONS OVERSEAS	LIMITED	Previous Submission F (If Resubmitted)	Ref:	
Contractor :	M/s Detech Contracting	LLC			
Project :	IN111 -Upgradation and	Modification of	Existing Pump Station	(Irrigation Main Network)	
DESCRIPTION:	a no experience source.				
8 mm - 32 mm Epoxy Coated Re for DM Irrigation Works	einforcement Bars (Steel	Bars Conformin	g to BS 4449:2005 and 0	Coating Comply with ASTM A775/A775M)	
	24.02.2023				
	ASAP				
	d/16B/3 Q, R, S & T.		¥		
Specification Ref :	Section 4/8				
	ST-IR-01-02-002, ST-IP-0	)1-02-003 & ST-I	P-01-02 <b>-</b> 004		
Name and Address of Manufactu:					
	RAK Middle East Traders	L.L.C (Alternativ	e Supplier)		
	Attached				
Samples :	-				
CONSULTANT		CLIENT:			
☐ APPROVED [ ]	APPROVED AS NOTED	APPROVE		APPROVED AS NOTED	
☐ REVISED AND RESUBMIT ☐	REJECTED	REVISED	AND RESUBMIT	REJECTED	
We recommend for the prop	osed material/ It is to be	* F	Efer to the	Engineers comment	
noted that	the Submissi	on/			
is forthes approved me from differences as an alternation	atternal but ent supplier ative - tacher tsheetatacher	1.			
 AU	THORIZED SIGNATURE TE: 29/2/2023			AUTHORIZED SIGNATURE  DATE: 28/02/2027	

#### Notes:

- 1. DM no objection does not relieve either the Consultant or Contractor of their responsibilities under the Consultancy Agreement or Contract.
- 2. All relevant test results required by the specification to be attached.



## SUBMITTAL REVIEW COMMENTS

	DISCIPLINE	CONTRACTOR: M/s DETech Cont.	
С	Civil		
E	Electrical	IN 111 – Upgradation and Project : Modification of Existing Pump Station	
FF	Fire Fighting	(Irrigation Main Network)	
SL	Street Lighting	Submittal No. : 351584-IN 111 –DTC-MAS 00049	
IR	Irrigation	8mm to 32mm Epoxy coated Subject : reinforcement bars – Alternate Supplier.	Rev: 00
ME	Mechanical	Status : Approved As noted	
		Comments on : 28.2.2023	
No	Spec. Div /sec / clause No. Ref.	POL Comments	Contractor Response
1		The proposed alternate supplier M/s. RAK Middle East Traders LLC., is accepted subject to any supply delay with already approved supplier. However, the source M/s. Emirates Steel Industries Co. should be the same for both the suppliers.	•
2		The material order and supply is as per approved BBS in shop drawings.	
3		Cutting and bending is not accepted at site, all bars shall supplied as per approved shop drawings shape and sizes.	
4		Any damages to the epoxy coating will not be accepted at site.	
5		Material inspection request to be submitted along with mill test certificates for each delivery prior to use at work.	
6		Sampling and testing to be carried out at DCL in compliance with the project specification and DM standards.	
7		Final approval subject to DM approval	

K.Sethupathy.

b. letter

DETECH CONTRACTING L.L.C PROJECT : IN-111					
DATE:	ACTION	INFO			
H.O.					
PD					
PM					
TM					
CM					
QA/QC/MATERIALS !					
PLANNING		~			
PROCUREMENT	~				
HR					
QS	i				
MATERIAL ENGR.	ě	~			
DC	4				
HSE SAFETY					
ENGINEER					
DRAUGHTSMAN					
STORE					
WORKSHOP					
LAMINATION					
NOC		/			
MEP		V			
ACCOUNTS					
OTHERS	AND THE RESERVE OF THE PERSON NAMED IN				





## KHALID AHMAD JWAD ALREDHA





# SUB-CONTRACTOR APPROVAL FORM (SCAF)

MPL-P237-SCAF20230130-05

		MPL - P237	- SCAF20230130	- 1008		
DATE SUBMITTED: 30/01/23	PLOT NO & LOCATION P-237- (6317179)@	ON:	PROJECT TITLE PROPOSED VILLA: G+1+R	REFERENCE NO. MPL-P-237 SCAF20230130-05		
BAAIN CONT	NACTOR .					
MAIN CONT	RACTING L.L.C			BAI TRADE LICENSE EXPIRY DATE:		
ROTAL CONT	RACTING L.L.C		RAK MIDDLE EAST TRADERS LLC	7 08-06-2023		
SUBCONTRA	CTOR WORK DESCRIPT	TION: STEEL SUPPLIER  DRAINAGE WA	ATER SUPPLY HVAC	GLASS & ALUMINIUM		
		SUBCONTRA	ACTOR REFERENCE TABLE	•		
NO	PROJECT	CONSULTANT'S NAME	A CONTRACTOR OF THE PROPERTY O	WORK SPECIFICATION / ADDITION		
1			MAIN CONTRACTOR	WORK SPECIFICATION / APPLICATION		
1	P-237	MAPLE ENGINEERING	ROYAL CONTRACTING	STEEL SUPPLIER (EMIRATES / HAMRIYAH)		
				EMIRATES STEEL		
				ONLY.		
Check and Ve	rified by Main Contra	ctor: (Hardcopy 3Set with Attached F	Portfalio of Reference)	Y		
	PROJECT ENGINEER  ATE: 30/01/2023  Dubai - U.A.E. #  Dubai - U.A.					
TO BE FILL-UP	BY CONSULTANTS	ONT	RACTING			
CONSULTANT	S COMMENTS - This	s approval is subi	jected to full come	diance Duith and		
specs &	local auth	porties requirement	jected to full commit / regulations. etc.	MENERED		
-Reinfol	cement whee	I baru uhall con	mply fully with app	ecifications A standar		
- Mill To	uire ments. ed – Certifical	te 1 Tost-pecilts/	reports shall be	provided with each		
- Samp	onment. le of each tested in	drameter of an Independent	steel barr shall be local laborato	e taken from rite &		
- ho4	limited bal	bove comments.				
APPROVED A	AS NOTED C	CHECK COMMENTS, REVISE & RESUBMIT	RI	EJECTED		
Consultants Eng	gineer Name & Signature		Date			
ENG	DEEP	ak s				

<sup>\*</sup>The Engineer's approval not in any way relieve the Contractor of his obligation under the contract.

<sup>\*</sup>The Contractor shall be solely responsible for the soundness and the correctness of the submitted material

<sup>\*</sup>Contractor should testify that the above submitted item have been reviewed in detail & are correct and in strict conformity with the contract drawings & specifications and documents as per the Conditions of Contract

retrictions A	ALGHURAIRCEM	ALGHURAIRmep		MATERIAL OVAL REQL	JEST
CONTRACT NO. CONTRACT TITLE CONTRACTOR MEP CONTRACTOR SUBCON-REF	: DMS 148574 :DMS 148574 - Phase 2 B.198 & M.40 Remainir : Al Ghurair CEW : Al Ghurair MEP		MAR NO.  REVISION NO.:  REVISION DATE.  TITLE  DISCIPLINE	GC158-AG 0 15-Jul-202 Reinforcen Civil	
Material Description:	Material Submittal for I	Reinforcement Ste	el		
Manufacturer Address Location: Spec. ref.: B.O.Q. ref.: Date Material required	RAK MIDDLE EAST TRAP.O BOX: 5647 - DUBAI		Catalouge Ref. Supplier Address Production Period: Delivery Ex-works: Total Delivery time: Expected date of delivery	P.O BOX	DLE EAST TRADE : 5647 - DUBAI
DELIVERY METHOD	Overland Sea Fre	eight	Air Freight	Other	111 .00
CONTRACTOR'S ATT Material / Submittal Comp		AND STATE OF	YES		10 " (62
Details if Alternative:	(If alternative material is		ull comparison to that sp	n-volario (fi	P 19 9 19 6
Main Contractor's Statement except as otherwise stated he Main Contractor's Auth ENGINEER'S COMME	orised Signature : For	herewith has been revie	wed in details and in complian  Date 15-Ju		ings and specification
Subjected Samples Submiss	to the La testing. Sion of test	certifica	y (third Par stex for th	Specificat Drawings Introducti	on of Company(Supplie icate or BS enses of Supplier ertificates
respective of (Af	Sion of fest steel bors at	delivery	timesot t	✓ Product C ✓ Test Resu ✓ List of Pre ✓ Previous A	lts / Certificates vious Projects in UAE approvals Copies
			2 1 JUL 202	List of Mai  Samples  List of Mai  offered siz  nos, etc.  Authorities	nufacturers  erials/Equipment with es, capacities, model Approval
TATUS:				Others	
Approved	Approved with Comme	ents	Revise & Resubmit	Reje	ted
	ENGINEER'S	CLIENT		CLIENT RE	P
re: Eper Omar Waleed	Project Director Sign: Name: Engr. Ahmad Saeed Date:	Projects Manager Sign: Name: Date:	For and on Behalf of Director - I Sign: Name: Date:	TIME Property Development	☐ Initial Approval
and Approval / Comments	does not relieve the Contractor from oval to proceed with work at site. Con	his contractual obliga	itions.	mments.	

DIM ALGERINATE ALGE	URAIRCEM -LIGHURAIRI		bcontractor  OVAL REQUEST
TOTAL PORTER TOTAL	4 - Phase 2 - Villa M.24, 0 Remaining Works CEW L.L.C MEP L.L.C	SCAR NO.  REVISION NO.:  REVISION DATE:  HILE  DISCIPLINE	GC158-AGCEW-PQ-C-010  0  15-Jul-2022  Reinforcement Steel  Civil
Description: PRE-QUALIFIC	CATION OF STEEL REINFORCE	EMENT STEEL BARS	
Vendor / Suplier / Manufacturer Address Location: Specification ref.: B.O.Q. ref.: Date Material required on site:	Supplier: RAK MIDDLE E	P.O BOX : 5647 - I DUBAI - UAE	VIII. Y CIVIED VIII
CONTRACTOR'S ATTESTATION: Prequalifications Comply with Specifications (listed Details if Alternative:	d as approved):	YES	Alternative
Main Contractor's Statement: We certithe contract specification except as other Main Contractor's Authorised Sign ENGINEER'S COMMENTS:  Subjected to Contract to C	rwise stated hereaboye	Date: 15.07.2022	Attachments / Enclosures  Vendor / Manufacturer list Copies
Approved Approved	with Comments	Revise & Resubmit	Rejected
LEAD ENGINEER'S SIGNATURE For and on Behallf of Arif & Bintoak	CLIENT'S PM. on Behalf M/s. T		CLIENT'S REP. SIGNATURE  M/s.NAKHEEL  Initial Approval
Date: \9/07/12	Date	D	ate Final Approval
Approval / Comments does not relieve This is an initial approval to proceed w	-	_	th all comments



# PROPOSED COMMERCIAL & RESIDENTIAL BUILDING (2B+G+M+P+8+R)

For: Mr. Khalifa Juma Al Nabooda Plot No.: (214-0535) @ Al Garhoud, Dubai, U.A.E.



REQUALIFICATIO	N SUBMITTAL		261-ART-2021-08-PS-026-02
o M/S. ART CONSULTA	ANTS	~	
lease review our prequali	ification submittal:		
	Civil/Structural	☐ Architectu	ral Electrical
Discipline:	Mechanical	Plumbing	Others
Type of Submittal:	☐ Test	→ Technical	Data Calculations
Purpose of Submittal	: For Approval	☐ For Inform	nation
Details of Submittal:			
Description:	Alternative Reinfo	rcement Steel Suppl	ier (Cut, Bend & Coupler )
Vendor:	RAI	K Middle East Tradd	ers LLC.
Location:		All Reinforced Cor	ocrete
Specification Ref.:	Section-III / 4- Cocret	e Work / 4-2 STANDARD	S CONCRETE / h) Reinforcement
Project i	manager Signa	ture: Fol	Date: 126-04-2022
Project i		ture: Fol	SAUSE CONTRAC
ART CONSULTANTS'		ture: Fol	SAUSE CONTRAC
ART CONSULTANTS'	COMMENTS:	ture: Folk	1 M O.
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ART CONSULTANTS'	COMMENTS:  Approved  Approved with Comments	2 6	SAUSE CONTRAC
Comments:	COMMENTS:  Approved  Approved with Comments  Not Approved, Re-Submit  And for the standard of	Time: Wind AREC	APR 2022  APR 2022  APR 2022  To be but for try  elvery.  Don an end stry  The stry  T
ART CONSULTANTS'	COMMENTS:  Approved  Approved with Comments	Time: Wind AREC	APR 2022  APR 20



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	MATERIAL A	PPROVAL FORM (J	LT MOSQUE)		
Project no.:	P-001119000		al Submittal No:	P001119000/ASC/MS/A/086	Rev. 0
Client:	M/s. Engineering Office	Date:		22/03/2022	
Consultant:	M/s. Al Hashemi		ication:	Architectural	
Contractor:	M/s Al Sahel Contracting Co.	10.000.000	ubmittal No:	NA	
Sub-Contractor:	M/s Rak Middle East Traders		abilittai No.		
	W/S Nak Wildle Last Traders	Status:			
S.contractor/supplier approval ref.:	D for all size firm		arred.	Vee / Ne	
Specified material	Reason for deviation	Copy A	ttacnea:	Yes / No	Ne
Deviation	No			Time & Cost implications	No
FOR CONTRACTOR'S USE:	0.100.10:1				
1. Material Description:	Cut & Bend Reinforcement Gr	ade Boods, Dia 6-40iiiii			
2. Location / Use:	For All Structural Reinforceme	/			
3. Manufacturer Name:	M/s Qatar Steel Company FZE	/			
Address:	UAE	<u> </u>			
4. Subcontractor's Name:	M/s Rak Middle East Traders	LLC/			
Address:	UAE	V			
5. Drawing Ref:					
6. Specification Ref:					
	-				and the statement of th
7. BOQ Ref:	erature marked & highlighted to	identify relevant descri-	tions model note	current test carte camples etc	· Yes
			aona, mouel no s,		
. Country of Origin:	UAE	Certificate Attached:		Yes	BEREITH THE CA
10. Programme / Delivery:	As per site requirement	10.A. Date material require	d on site:	As per site requirement	HAIHIM
		10.B. Lead time for deliver	y:		
	1.	10.C. Date material expect	ed on site:	- / /	4 MAR 2022
Contractor's Project Manager:	Signature:	Consul	tant:		
72	102.05				-
	120			153	Date
Name: MOHAMED ELEMAM	Signature:	Date: 22/03/2022 Name:		Signature:	Date:
FOR ENGINEER'S USE:		I = = = = = = = = = = = = = = = = = = =		Date Received:	
STATUS		COMMENTS:			1000
Approved - Works May Prod	eed			_ <u> </u>	
Approved - Works May Prod	ceed Subject to Incorp. of Changes		Thre C	tion	
Revise and Resubmit		N I V			
Samples Required / Test Re	equired		A	1. 71 0	. 1 _ 1
Manufacture's Guarantee Ro	<u> </u>	N. SIIIA	WIN ON	III UALA IV	1_0_
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Not Approved - Rejected			<b>I</b>	1 ~	
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	M	Sample	s to	CITY PIOPER	- LIES
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			1		
Consultant Doggeografica	J		1		
Consultant Representative:			4		
-DN1		a N/ M	3/22		
Name:		Signature: 29	16	— Dat	te:
FOR CLIENT REPR USE:				Date Received:	
STATUS		COMMENTS:			
Approved - Works May Prod	ceed	11	1	- 1	
	ceed Subject to Incorp. of Changes	-se V/1/1/1	ain	DIL recor	76
	Social Gubject to Incorp. of Changes	7			1-3,
Revise and Resubmit					
Samples Required / Test Re					
Manufacture's Guarantee R	equired			EL DELIFE AGAINS & ASSESSED	20110
Not Approved - Rejected				AL SAHEL CONTRACTING	CO. L.L.C.
Not Reviewed					
Client Representative:					
		-		2 9 MAR 202	
Name:		Signature:		Da	te:
Note: Original + One copy of com					
The above review / commer	nts do not in an way imply accept	ance of material / equipmer	nt installation / perfo	recance and do not in any way at	solve the
contractor's responsibility of	fulfilling the contractual obligation.	×		LANGE AND DESCRIPTION OF THE PROPERTY OF THE PARTY OF THE	
Consultant Receipt		Client Repr. Receipt		Contractor Receipt	

Prepared by AI Hashemi MS-086







## APPROVAL OF SUB-CONTRACTOR / SUPPLIER

	Project Name:	100	vay Residences-2				Project Gode: 21037			
		1 1 2	F+RF) COMMERCIA			ING.	Date: 27 June-2022			
	Plot No /	Location	: 601015056 / Mina	Al Arab - Ras	Al Khaimah	1	Ref. No: AMSC/C22001/CVL/PQ-013 Rev ; 00			
N.			Ali Mousa & Sons Co	The state of the s			a Common Maria Control			
먅	Departm	ent:	☐ Architectural		Electrical		echanical Structural Others			
RA	Work Descript	ion	Reinforcement Ste	eel Supplier <u>R</u> A	AKMET (Hamr	iyah Ste	eel Rebars) as equivalent			
- CONTRACTOR	S.No.	NEB	Specified Sub- actor / Supplier	Same As	Specified		Alternative Proposed Sub-Contractor / Supplier			
K							RAKMET			
ē	Factoria									
SECTION	Enclosu			- PP	Waseur/U	lc_				
S	Reason f	or Altern	ation:	111	Ali Mou	sa				
	Submitte	d By:		Signature	NS CONTRACTING		Date: 27/06/2022			
		Eed - P	M		MS CONTRACTING	E				
	Received	BY:		Signature:	,		Date:			
_	Stat	us:	Approved	Approve	d as noted	□Re	esubmit			
LAN										
UL)	is:	is kefer to our attached comments								
SNO	Nedty United No.									
ၓ	to S			للهندسة ان	تنب الوطني					
SECTION B- CONSULTANT	Comments: (Refer to NEB -SF37)			*	* 128-06-2012					
S	Reviewed	By:		Signature at	Signature. Date:					
S			n Khalil – RE	Signature of the South S			28 June now			
	Status:									
	RAK Pro	perties Co	omments:			9				
PROPERTIES	No	Off	for to	the.	Still City	rea	Supplied & equiva			
OPE	Suy	jeg	40 Juny	lowling.	WITH	may	recognifications,			
	Pe	yan IV	Name:	conta	Date:	1 4	Signature:			
- RAK	Disipline Er	oginoor:	Turne.		Date .		Oignature.			
N C	CM:	ignicer.	Anees Abubake	ar .	20 06	20 -	12			
SECTION C					0-1000	2	Time			
띬	ACEO :	ctions: Any dov	Mohammad Al aition from specifications, cost sa		Tuel be carried august	Un sign of	Type (			
	A- Approved B - Approved	, proceed wi d as noted- (	th work- Contractor can pro	oceed to procure, fall	bricate, install & construct in	nstruct.	nce and incorporating Engineer's comments eer's comments prior to proceed with work.			
	-[. Note: Any action, instruction or consent ta ken, make or given by RAK Properties representative under this procedure shall not in any way whatsoever elieve the Contractor of any obligation under this contract.									
			Dangation and the control				DECEIVED			







0.8 AU3 (\*\* ?.



		The second secon		(10 1110		
RARE	deserations	NESES CONTROLLER	-	unugoinic Ali Mousa		
Project Name:	(P+C+9E+DE) COM	Galeway Residences-2 MERCIAL AND RESIDENTIAL BUILDING	Project	21037		
ivame:	denoted to the	al Submittal	Code: Ref. No. :	AMSC/GR2/CVL/MS/05 - Rev. / 00		
	New York State Sta		Date:	26/07/2022		
Originator o	f Submittal ;	Ali Mousa & Sons Contracting	By:	Required By:		
Material Div	ision / Section :	Civil		List of Enclosures		
Specs./BOQ	/Drg. Ref. :	Division 3 /SECTION 03300	□Ven	(Tick the related Box)  Vendor's Technical Literature		
Material Spe	clfied:	STEEL REINFORCEMENT REBAR	la de la constante de la const			
Material Pro	posed:	Steel reinforcements rebar for secant pile work	9	ppliance Statement		
Manufacture	r / Local Supplier :	RAK Middle East Traders	— ☐Tes	t Results		
Reason for A	Alternative :		— □Сор	y of Related Specs.		
Material Des	cription : S <mark>TEEL REIN</mark>	FORCEMENT REBAR (HAMARIYAH)	— ✓Sam	ples		
8mm.10mm.	12mm.16mm		□List	of Previous Projects done		
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Project	Gateway Residences-2	NITIAL CENTURE PROPERTY DEP	Project Code:	21037
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Iviater	ial Submittal	25 UCT 2022	Date:	13/10/2022
Originator of Submittal :	All Mousa & Son	s Contracting	Required by:	. 26 UCL 2022
Material Division / Section :	givi	eceive	D	List of Enclosures 7
Specs./BOQ/Drg. Ref. :	Division 3 /SEC	TION 04220		(Tick the related Box)
Material Specified :				mpliance: Statement OFFICE
Material Proposed :	Rakmet - Jindal	(Grade 500B)		HARdenies sessentede.
Manufacturer / Local Supplier :	RAK MIDDLE EAST	TRADERS LLC.		st Results 2 4 OCT 2022 Week
Reason for Alternative :			-	py of Related Specs.
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FOR CONSULTANT:

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Code to be entered by Supervision Consultant

# MATERIAL SUBMITTAL **FORM**







Ref.: ABC/S114/MS/22

Date: 17.11.2022

PROJECT: PROPOSED COMMERCIAL BUILDING & WAREHOUSES ON

PLOT NO: 2150119 AT UMM RAMOOL FOR GREEN COAST REAL ESTATE

CONSULTANT: M/S. RQITECTS DESIGN STUDIO LLC CONTRACTOR: M/S. ARIFCO BUILDING CONTRACTING

Material Description	Location / Use	Manufacturer / Supplier
Pre-Qualification & Technical submittal for steel. (Option-2 Jindal steel (Oman) (Option-3 Union steel (UAE)	All structural Elements	M/S RAK Middle East Traders

Specified	Proposed	Reason For Alteration
Emirates Steel	(Option-2 Jindal steel (Oman) (Option-3 Union steel	Specified material not available in stock
	(UAE)	

List of Attachme	nts to this form:		79					
Catalo	ogues	Şamples		Documents				
	عارفكو لـمقـاولات البنـاء ARIFCO BUILDING CONTRACTINI			- 1)				
Signatures:	)M(	Pro	ect Manager	VA INTAL				
		CONSULTANTS	SE PERSONAL DESCRIPTION					
Appro	oved	approved As No	oted N	lot Approved				
Consultant Con	nments / Notes:							
1- Grade B500B o	r more to be used acc	cording to Code B	\$4449:2005.					
2- Material to be s	ubmitted as per the p	roject specs and	DM regulations					
3- Random sampl	es to be tested as pe	r the Engr instruct	ions and subje	cted to approval.				
Approximate the second	1000		and common the second of the s	warts D				
3)				Raireon				
Eng. Moh	amed Oraby	17/1	1/2022					
LEED Consulta	3- Random samples to be tested as per the Engr instructions and subjected to approval.  Eng. Mohamed Oraby  17/11/2022  LEED Consultant GRFN Comments / Notes:							
		./						
Contractor's Project Date:	t Manager:	Cons Date	sultant's Resider	nt Engineer:				



#### C3\_C4 Residential Tower – Enabling Works





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			Submittal Forn	n						
Refe	erence No. C3C4	1-EP-	MAR-12 Revision	n No.	00	Date:	03/02/20	122		
Projec	t Name:		C3_C4 Residential Tower – Enabling	- Enghing Works						
Location			Plot C3_C4 Sector No. W5 Corniche							
Client:			Al Nahdha Investment L.L.C.							
Consu	Itant:		Bainona Engineering Consultancy	L.L.C.						
Contra	ictor:		Bauer International FZE Abu Dhabi							
-	T	/PE			DIVISION		SUBMITTED I	EOP.		
	Shop Drawing [SD]		Manufacturer's Data [MD]		ARCHITECTURE	1	APPROVAL	1		
	Calculation [CA]		Certificates [CT]		CIVIL	X	INFORMATION	2		
	Material Specification [MS]	X	Test Results [TR]	-	STRUCTURE		COORDINATION	3		
	Sample [SP]		Mock Up [MK]		MECHANICAL		ACTION			
	Method Statement [MOS]		Others [OT]		ELECTRICAL		APPROVED	А		
	Guarantee [GT]		Subcontractor [SUB]				APPROVED AS NOTED	B		
	Temporary Facilities [TF]		Bar Bending Schedule [BBS]				REVISE & RESUBMIT	С		
							REJECTED	D		
S.N.	SUBMITTAL	DESC	CRIPTION	REV.	RELATED DOCUMENT REF NO.	ACTION	INFORMATION	Е		
1	Material Submittal for Steel Reinforc	eme	nt (Uncoated/Black Steel)	00			Quantity	,		
	Manufacturer / Supplier :		Emirates Steel / RAK Middle East Traders				Hard Copy	Soft Copy		
	Brand Name:							000)		
	Country of Origin:		Dubai, UAE				2 Sets	CD		
	BOQ Ref. / Clause No.:		Bill No.03, Item R			-				
	REFER TO THE	A	Name & s	راتا) المانية المانية المانية المانية	S COMMENTS	-02.2	ATTONAL PREME	77 - 77-25		
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#### C3\_C4 Residential Tower – Enabling Works

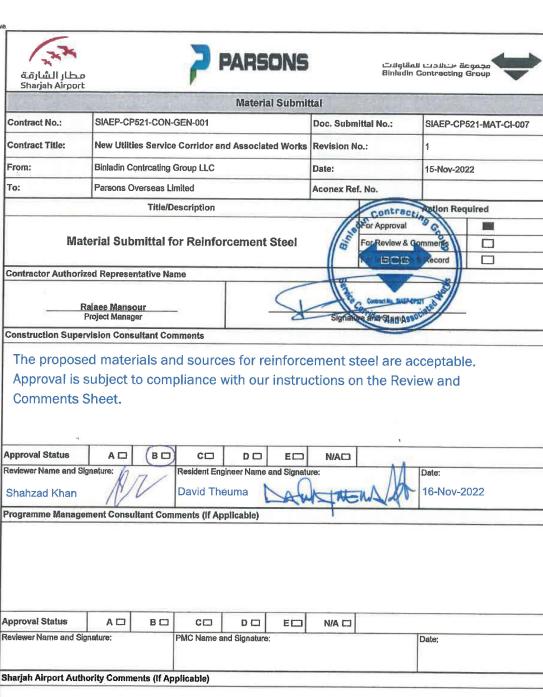






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Refe	erence No.	C3C4/EP/	PQ/010	Revisio	n No.	00		Date: 25/01/202	:2
Project	Name:		C3_C4 Residentio	al Tower – Enabling	Work	CS .			-/
Locatio	on:		Plot C3_C4 Secto	or No. W5 Corniche	Abu	Dhabi U.A.E .			
Client:			Al Nahdha Invest	ment L.L.C.					
Consul	tant:		Bainona Enginee	ring Consultancy L	L.C.				
Contra	ctor:		Bauer Internation	al FZE Abu Dhabi					
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	Specialty Field / Clas	sification	Steel Reinforce	emet - Cut &					,
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Date	L.,		/	Date					

Signature



Approval Status A ВП C D□ E N/A 🗆 Reviewer Name and Signature: SAA Name and Signature: Date: **Document Status Code** A- Approved C-Revise and Resubmit E-No Action Required B-Approved with Comments D-Rejected N/A Please sign and return one copy of the Document Submittal Form Received by:

Name: Designation:

PARSONS
RECEIVED
15.Nov.2022

SHARJAH AIRPORT EXPANSION PROGRAM







# **APPROVAL OF SUPPLIER**

Project	G+1P+8-	+RF Residential Buildi	na	Project Code: J356				
Name:		Tri Trootaomai Banar	9	Date: 31/08/2022				
Plot No.	/ Location	n: Plot No. 6854460 (PF	2.008), Dubai Production City	Ref. No.: PQ/CBE-CIVIL-J356-015 - Rev. 00				
Main Co	ntractor: (	Construction & Buildin	g Engineering					
Departm		☐Architectural	☐ Civil    ☐ Electrical    ☐ Mecha	nical Structural Others				
Work Descrip	tion	Hamriyah Steel (UAE	) Reinforcement Steel					
S. No.	NEB S	Specified Supplier	Same As Specified	Alternative Proposed Supplier				
1		S Steel / Saudi Steel / Omani Steel	No	RAK Middle East Traders LLC				
			هندسية التعمير والبناء	DECEIVED				
Enclosu	ıre:		ا قسم المشاريع ش	SITE SUPERVISION				
Reason	for Alterna	ation:		STATE OF EXPLOSION				
Submitt	ed By:		Signature Project Department C	Date: 3 1 AUG 2022				
Eng. Ibr	ahim Sobh	1	Construction & Boilding Engineering	31/08/2022 For :				
Receive			Signature:	Date:				
			900	Sign:				
		BE	L LOW PORTION_FOR NEB USE ONLY					
Status:	The second second	Approved	Approved as noted Result	omit				
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Signed I	Ву:		Signature.	Date:				
				1/09/2022				
Eng. Mo	hammed k	Chalil EL Habil		101/1022				
Hand Ov			Signature:	Date:				
Client A	pproval:		Signature:	Date:				
				DECETVES				
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<u>::</u>								
Comments:				ÆA C.B.E J355/356				
uu.				BY. C.				
χ -								



DISTRIBUTION:





# DOCUMENT TRANSMITTAL

CLIENT:		Dubai Police				PROJECT NAME:		Bur Dubai Police Station	
CONSULTANT:		Jouzy Consulting Engineers				PROJECT NO.		20027	
CONTRACTO	R:	CHC Building Contracting LLC			.c	DATE:		2-Jun-22	
TRANSMITTAL NO: J-190/DT/TS/CIV/003-D  Type: ☑ Reports ☑ Documents ☐ Others						TO: M/s. Jouzy Axianta Cc:  Attachment    Pages    Catalogue    Samples     Soft-Copy    Others			
Activity ID &	Deia	£	Otesal						
Description:	Rein	forcement	Steel						
	☑ Informa	☑ Information and Record ☐ For Quotation			n		Planned Sta	art	
Actions	☐ Action			Others			Planned Fin	ish	
	☑ Review	and Commen	ts						
RELATED TO	):	Marine sure and the Editor and State	***************************************						
					MEP				
		ARCH	STRUCT	A/C	Elec	PLUMB	GENE	ERAL	
S/N	Copies	I			Description	'n			Action
1	1	Supplier	Technical S	Submittal			for:		Action
			ement Stee						1.
		M/s. RAK	Middle Eas	t Traders	LLC (RAKI	ΛΕΤ)			
							Consultin	Ouzy In Engineers	
	<b></b>						P.O. B	ig Engineers	-
	<u> </u>						- 4741	- U. A. E	+
	-	<b></b>			***************************************		Project No :	784.20027	-
							Valid For	Site Use Only	
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			(ex	CONTROL IN RESIDENCE AND ADDRESS OF THE	The state of the s	-			
	<b></b>		-	المرهرة الأ	ي لمقل الت الناء ش	ا مني اتش م	- Paracers	AND THE COMMENT OF TH	TO STORY OF THE PARTY OF THE PA
CONTRACTOR:	CHC Buile	ding Cont	racting L.L.		Suffena Contract	ring LLC		Jouzy Consulting E P.O. Box 143	
ISSUED BY:		_			SIGNATUI	RE:	DOMESTIC CO.	DATE: Dub2/6/202	
CONSULTANT: RECEIVED B	Y: Aillene	Toress			SIGNATUI	RE:	CONTROL TRANSPORTER FOR THE FOREST	RECEIVI DATE: Time	ED 1:38/
RESULT:	APPROVE	D [		APPROV	/ED WITH (	COMMENT	rs 🗆	NOT APPROVED	
Remarks:	my.	1 (0)	untr	401	04191	~ 0/	Steel	Shall b	& From
UAE	Sau	dia	nd ti	V Key	1 fol	Dowin	9 Ver	ider list.	-
CONSULTANT: / RESPONSE I	BY: Eng. M	laged Moh	named Alka	dy	SIGNATUI	RE:	(1)	DATE: 2-6	-22
CONTRACTOR							ω,		
CONTRACTOR: RESPONSE I	RECEIVED	BY:			SIGNATUI	RE:		DATE:	











			Dar Awd Construction L.L.C
	[ SUB-CONTRACTOR APPR	ROVAL F	ORM ]
PROJECT TITLE:	Al Zahia Uptown – Bridge Piling/Substr	ucture works	s at Muwaileh, Sharjah – UAE
LEAD CONSULTANT:	M/s. Engineering Consultants Group	EMPLOYER:	M/s. Majid Al Futtaim
Submittal Ref.No. J662	2-DAC-SC-0002	Date:	23-05-21
Previous Submittal ref.No	.: NIL	Rev.	00
MAIN CONTRACTOR: I	OAR ALWD CONSTRUCTION	Req. By:	MC
SUB-CONTRACTOR: RAPROPOSED SUB AGENC	AK Middle East Traders (RAKMET) LLC  Y: EMIRATES STEELS	FOR:	SUPPLY OF MATERIAL (STEEL)
Received by Lead Cons	ultant: 24/5/21	Originator: Signature:	Eng. Mohmmad Omaria
	Lead Consultants Comments:		List of Enclosures
STEEL, subject to the follow Mill certificate, identification material delivery at site. Random samples to be seaccordance with the project All materials to comply with documents. Commercial trade license renewed upon renewal date senewed upon renewal date. Material to be stored with casting of concrete. Vendor list is not attached.	In tags and origin delivery note all to be provided elected upon delivery for physical and chemical test specifications / approved drawings. In the approved list of manufacturers in the contract registered in RAK emirates will expire on 08-06-29. The distriction of the submittal while it have been ticked in the contract of the submittal while it have been ticked in the contract of the submittal while it have been to authority required from different manufacturers is not allowed for the contract of the submittal while it have been to allowed for the sub	with each sting in act 2021, shall be hall be mages prior to cover page. Lirements. the same 5/2021	(TICK RELATED BOX)  ☑ PREQUALIFICATIONS  ☑ COPY OF TRADE LICENSE  ☑ LIST OF PERVIOUS PROJECTS  ☑ VENDERS TECHNICAL LITER  ☐ COMPLIANCE STATEMENT  ☐ COPY OF RELATED SPEC/CONT.  ☐ OTHERS (SPECIFY)  ☐ - B APPROVED AS NOTED  ☐ - D REJECTED
the second secon	2.1		
_ead Consultant Signatur	e: Sr. RE - Ali Wehbe		DATE: 25/05/2021
Client Received Signature	:		DATE:
Contractor Received Signa	ature:		DATE:
Sub-Contractor Received	Signature:		DATE:

#### The Employer: Emirates National Oil Company Limited LLC





#### The Contractor:

Green Oasis General Constructing Co. LLC

IR - Incomplete, Resubmit



M-4	anial Culumittal	Ref. No.	GOC-ENOC-1302-CIVIL-MAT-
Mate	erial Submittal	Rev. No.	01
Originator of submittal :	Green Oasis General Contracting Company LLC	Date:	20.09.2022
Authorised signature :	Maikel Makram	Reqd By:	07.10.2022
Material Detail		<del>-</del>	List of Enclosure
Item Description	Steel Reinforcement (8mm, 10mm, 12mm, 16m 25mm, 32mm)	m, 20mm,	✓ Compliance Statement
Catagory	Architectural ☑ Civil / MEP	Other	✓ Method Statement
Location / Use	All Reinforcement Concrete Structures		✓ Test Report  ✓ Industrial License
Specs. Reference	Vol V/SEC E30/100-140		☐ Samples
BOQ Reference			
Drwg. Reference			
Material Specified			
Material Proposed			
Manufacturer / Local Supplier	M/s Emirates Steel Industries Co, / M/s RAK Middle East Traders LLC, UAE		
Reason for Alternative	-		
Remarks	-		
	ify that the material submitted herewith has been reviewed in details	and is in compliar	Le with the contract drawings and specifica
exept as otherwise stated hereabove.  Main Contractor Signature:	الواحة الخضراء للمقاولات العامة (ذ. ه.)  Green Oasis General Contracting Co. P.O. Box : 48582, Dubai - U.A. Tel.: 04-4221936, Fax: 04-429 3	LLC	Date: 13.09.2022
Al Gurg Consultant Resident Er	ngineer's Received:		Date:
Al Gurg Consultant Resid	lent Engineer's Comments:		——————————————————————————————————————
No Objection:		1	APP - Approved
Materials inspection	-2 -0	· ₩ AAN - Approved As Noted · RR - Revise, Resubmit	
		-	IR - Incomplete, Resubmit
	- Imi 7	.5	
Al Gurg Consultant Resident Er	(/.		Date: 20-09-2022
Client's Comments & Sig	masure:		APP - Approved
			AAN - Approved As Noted
-			RR - Revise, Resubmit

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirements and specifications and does not constitute a departure from Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.



architecture + engineering

Document Ref # 13 Rev. 00 Date: 21/01/2020 Sheet:

		The second secon
PROJECT	: B+G+1 RESIDENTIAL VILLA ON PLOT NO. 645-6797	AT WADI AL SAFA THIRD DUBAI, U.A.E.
CLIENT	: MS. POONAM UDHARAM MELWANI & MR. UDHARAM	M GOBINDRAM MELVANI
CONSULTANT	: EMKAAN ARCHITECTURE AND ENGINEERING CON	SULTANCY / /
CONTRACTOR	: HORIZON CONTRACTING CO. L.L.C.	DATE: 2/01/2022

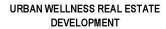
APPLICATION	APPLICATION FOR APPROVAL							
TO: EMKAAN ARCHITECTURE AND ENGINEERING CONSULTANCY	ATTN: ENGR. MOAYAD AL ABSI							
CONTRACTOR'S PROPOSAL FOR APPRO	OVAL OF MATERIAL SUBMITTAL							
APPLICATION FOR:  APPROVAL OF:  DESIGN  WORKING DRAWING  PREQUALIFICATION DOC.	QA/QC STATEMENT (M.S)  MATERIALS EQUIPMENT  SAMPLE TEST REPORT OTHER							
TITLE & DESCRIPTION: REINFORCEMENT STEEL	CONTRACTOR: HORIZON CONTRACTING CO. LLC							
LOCATION: DUBAI, U.A.E.	Name : SANTOSH TAMHANKAR  Signature:							
ORIGINATED: SUPPLIED BY: RAK MIDDLE EAST TRADERS LLC INSTALLED BY:								
CONSULTANT & CLIENT	APPROVALS / COMMENTS							
FOR CONSULTANT	FOR CLIENT							
APPROVED (A) APPROVED AS NOTED (AAN)	APPROVED (A) APPROVED AS NOTED (AAN)							
REVISE & RESUBMIT (R&R) REJECTED (R)	REVISE & RESUBMIT (R&R) REJECTED (R)							
No objection,  subject to July complian with project  specification & Related Authority Royalistin  Random sample to be selected by Engineer  formate the site to be pasted								
Authority cartilicate to be appeale during	4							
Project Perime.	j.							
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r								
9	4. 1							
FOR CONSULTANT	FOR CLIENT							
NAME: Fore, along rel TITLE: K. the inex	Project Engr.: Project Mngr.:							
AlAbsi								
SIGNATURE: DATE:	SIGNATURE: SIGNATURE:							
Olha 10/2/22								
RECEIVED BY CONTRACTOR NA	AME TITLE DATE							
SIGNATURE :								



CLIENT

LEAD CONSULTANT

#### MAIN CONTRACTOR







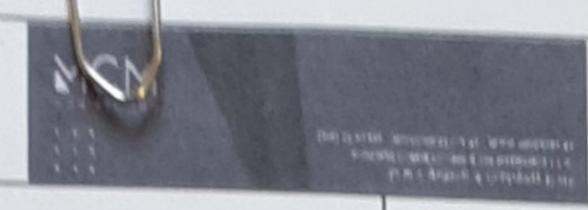
		MATERIAL	SU	IBMITTAL			
PROJECT:	Hotel Apartment –	JVT07IOHR001 G+4P+33+Roof			Document No.:		
CLIENT: CONSULTANT:	Urban Wellness Rea	al Estate Development Jugering Consultants			-	FIV-KBJ-CIV-MAT-0042	
CONTRACTOR:	KBJ Contracting LLC				Rev.	0	
	3				Date:	15-Apr-22	
1. MATERIAL DESCI	RIPTION:	Material Submittal for Emirates S	teel	I (UAE) & Qatar Steel (UA	NE)		
Area of Application :	All Building					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Drawing Ref. :				B.O.Q. Ref. No.:	Bill No. 3		
Specification Ref. :	Section 03 300			Standards:			
		vant description, current Test Certificates, samples as	s app	propriate.			
2. MANUFACTURER		Emirates & Qatar (UAE)					
Company Name :	RAK MIDDLE EAS	T TRADERS LLC					
Address :							
Local Agent : 3. <b>DELIVERY</b> :							
Country of Origin :	UAE						
Availability	0,12						
100	Ex-works / Total D	Overseas					
Delivery :	Estimated time of a						
Program :	Date material requ						
. rogiani	Lates date for orde						
Submitted by : <b>Prakas</b>	sh			Signature:	al. H	15.04.2022	
DEC Comments:							
1) No objection to	proposed manufact	urer's (M/s Emirates and M/s Qat	ar)	steel reinforcement in	ine with attac	hed explanation of rebar	
		RAKMET as received on site fron					
2) Approval is limit	ed to 10-12 mm dia	meter for stirrups and link only. A	ppr	roval is only valid until I	vlay 27, 2022		
3) Material to be p	rocured from approv	/ed supplier M/s RAKMET.					
		be tested for physical/chemical p					
5) Reinforcement s	supplier to submit u	ndertaking letter to confirm smoot	h s	upply and satisfactory	in house stock	<u> </u>	
Name: Naveed Mahr	nood	 Signati	uro		Date	26-04-2022	
Resident Engineer	nood	Jigilati	ui e	Status	Dak	20-04-2022	
Refer to above con	nmonts			A- Approved			
receive above con	IIIIOIIIO	5	7	B- Approved with comments			
			<u> </u>	C- Revise and Resubmit			
		T		D- Rejected			
				Sample Required			
				Tests Required			
				Additional Information Required			
				Manufacturer's Guarantee Require	d		
Name & Signature: F	ouad Chater	Date:		26-04-2022			
Approval shall not relieve C	ontractor of his liabilities ur	nder the Contract or constitute authorization of	any	change to Contract Documents			





Project Name: The Icon Casa JVC13CMRA011 @ Al Bars	Project Name: The Icon Casa 5, G+P+5+R Floors Commercial & Residential Building JVC13CMRA011 @ Al Barsha South Fourth, Dubai UAE					
Client: Aws Kamil Hamdi Al		Project No: 134				
Consultant:Next Engineering	g Consultant		Ref. No. IC5/MS/003			
Contractor: Mak Oasis Contr	racting LLC		Rev. No. 00			
	MATERIAL SUBMITTA	L FORM				
Originator of the Submittal:	LLC	Date: 28/11/2022				
Authorized Signature:			Req. By: Eng. Wael			
Type of Submittal	X Sub-contractor / Supplier Others:	X Material	Shop Drawings			
			List of Enclosure			
	Item Description		(Tick the Related Box) r's Technical Literature			
BOQ Item: Bill No. 3 &	4	Compl	iance Statement			
Specification: Reinforceme	ent Steel (Hamriyah, Emirates & Jindal)	Test R	Test Results			
Drawing No.		Сору с	Copy of the Related Spec's			
Reference:		Sample	Samples			
Remarks : 2 Sets Hard C	Conv & 1 Soft Conv	List of	List of Previous Projects Done			
	Copy & 1 Soft Copy Line Head Williams	Others	Others (Specify): All Approvals			
Contractor Statement: We certify that the s hereabove	abmittal herowithhas been eviewed in desuts and order in planed with the DUBAI - U.A.E.	pe contract drawings and	specifications except as otherwise steted			
Contractor Signature:	OASIS CONTRACTING!		ate: 28/11/2022			
Consultant Received:	Th	D	30-11-2022			
Consultant Engineer's Com	ments					
			APP - Approved			
dated of	5-12-2022	ns-00s _	AAN - Approved As Noted			
			NA - Not Approved, Resubmit			
			IR - Incomplete, Resubmit			
Consultant Signature :		Da				





# SUBCONTRACTOR APPROVAL REQUEST

CONTRACT NO.

1711

P1025 RESIDANTAL VILLA ( B+G+1+R) ON Plot No. 363-

0814 at Almanara , Dubai

MCM

LEAD SECTOR CONSULTANT'S COMMENTS:

For and on behalf of

Arif & Bintoak

SCAR. NO.

REVISION NO.: REVISION DATE:

TITLE

DISCIPLINE

20.0-1

26-Oct-22 PreQualification

RAK MET

TO: Eng. Arvin

CONTRACTOR

FROM: Eng. Khalid

# **DESCRIPTION:**

Pre-qualification and Material Submital RAK Middle East Steel Supplier (Cut and Bend ) Emirats Steel .

Abboar-143 MIL	
1. NO OBJECTION FOR MIS RA	KMIDDLE EAST STEEL SUPPLIER
TO PROVIDE CUT 2 BEHD	REBARS ON THE PROJECT, SUBJECT
	ODECH SPECIFICATIONS, DRAWINGS
2. SUBMIT SHOP DRAWING 1	EDR OUR REVIEW 2 APPROVAL
3. SUBTAIT ME THOD STAT	EMENT FOR OUR REVIEW & APPROVAL E FROM THE VENDORS LISTOR
MANUFACTURERS, PREFE	PART FROM THE LOCAL MANUFACE
CONTRACTOR'S REVIEW SU	HIVITTAL STATUS
I AP	PROVED NO COMMENTS
OPPAN SAMPLES TO BE SEL	PROVED AS NOTED  ECTIED BY THE ENCINEER  T APPROVED - RESUBMIT
C. REBOR SAMPLES TO BE SEL	PROVED AS NOTED  ECTIED BY THE ENGINEED

Date:



## MATERIAL APPROVAL REQUEST



SY CONTRACTOR OF THE PROPERTY	R1111-A			080		
Project Name:	IMPROVE	MENT OF SAEED BII	N OBAID AL JARWAN ROUNDABO	UT (JN-47)		
Employer / Client:	Sharjah R1	A				
Ziigiireeri	JACOBS					
Contractor:	National C	ontracting & Transpor				
		PRODUC				
Material Description:			Reinforcement Steel Bar	Jacobs	RECEIVED	
Name of the Product:		8; :	10; 12; 14; 16; 20 ; 25 dia BS 4449:200		No. 0329	
Location / area of use / Discipline:			Concrete works / All Structure	SAEED BIN OBAID AL JARWAN ROUNDABOUT	Date 5/4/2	2_
Material Trade Name:			Reinforcement Steel Bar	Distribution	See Copy Action	3)1
Manufacturer's Name:			Emirates Steel ; Hamriyah Steel	ARE 5	3 4	I hy
Manufacturing Location/ Country:			UAE	SITE ENGRISURVEYOR		0
Local agent / Supplier's Name:	***************************************	7 (200), 13 (40), 200 (30), 40 (40), 50 (40), 40 (40), 50	RAK MIDDLE EAST TRADERS LLC	IOW JACOBS HIPS	1	
Client's Approved Vendor?			Attached	FILE NO. PGS 695364/A	18.1/50	
Specification reference:	Gener	al Sp. Section 101.16	B.O.Q : ALL STRUCTU	RECEIVED BY JRF	au _	
Is this an alternative product?			Original MAR No.:			
Reason for alternative product:						
Cost Impact:	√yes	No	Time Impact:	Yes	□No	
Technical details/ Attachments:						
Specification comparison sheet:	Yes	□ <b>t</b> lo	Sample Submitted:	es	□No	
Original Brochure:	Yes	No	Other Supporting Documents submitted: 4	✓Yes	□ <b>i</b> lo	
Originator:		ALLAL SAWALHA	RITTA AMPROVEMENT SIGNATURE OF SAEL JARWAN SIGNATURE AL JARDABOUT ST	05.	04.22	
		Name	RITITA SAEED BOWNAN Signature	D	ate	
Contractor Authorized Representati	ive:	EISSA IBRAHIM	RITTI A IMPROVE DEMOSTATOR OF SACED BALLARWAN SIGNATURE ROUNDAROUT ROUNDAROUT ROUNDAROUT	05.04.22		
<type designation="" here=""></type>		Name	Contracting Signature	D	ate	
		ACKNOWLEDGEMENT				
Engineer's Representative:						
<type designation="" here=""></type>		Name	Signature	D	 Date	
Type Designation neres			NEER'S USE			
Status Approved - Wo	ork May Proce	ed	Approved As Noted - Close No			
Revise & Result	omit - Work M	i	Rejected - Submit Another Alt	ernative	( 1	(1)
Remarks: Apploved pas	red or	0 11		MWS PE	(eminates	STEEL
to be sylemutted. S	s'ampl	es, shall be	را درا	ication &	requirme	45 .
Mill centrificate of se	cent 1 t	est results to	o le previded during -	-1elinery	at site	
			U		10 oy 22	13/04/22
			C. C. C. C.		din the contract	/ (1
documents. Contractor, and his Subcontra	ctor / Supplie	r, remains responsible for c	the project and general compliance with the inf compliance with contract documents, confirmat	ion and correlatio	n of quantities and	
dimensions, selection of fabrication	on process an	d techniques, coordination	of trades, and performance of this work in a sai	re and satisfactory	manner.	
Response prepared by:		57-6	in God	) (4	? April (20	22
<type designation="" here=""></type>		Name	Signature	C	Date	
Issued by:						
<type designation="" here=""></type>		Name	Signature		Date	



REV NO.



# **REVIEW COMMENT SHEET**

Reference. No. [Rev]	NHI	NHM-DFC-350000-MS-00-000034		A0		17 Februar		ry 2022		
Project Name Natural History Museum Abu Dhabi										
Project Name				c	C+I	I D /D-I	LANGUAGE FOR THE JOSEPH CO.			
Subject _		NHM - Marine Works - Material Submittal for Reinforcement Steel Bar (Rak Middle East Traders LLC)								
Zone	00 - Site V	Vide	Doe	:. Тур	e: N	Material S	Submission	,		
RESPONSE SUMMARY										
Marine Comments  We reviewed material submittal for reinforced steel bar, please note only Emirates steel reinforcement is allowed on the project.  Sustainability Comments  Material is compliant with project Estidama requirements for SM-10, SM-9 and SM-R1 It is noted that the material will be used for Marine Works only.										
Attachments (if any):	List down attac	hments in order and indicate the refe	rence number where avai	lable.						
W020 05-070	1						Related Reference			
PREPARED BY:	1	REVIEWED AND RECO	MMENDED BY:			30 30 30 30 30	IMENT STATUS			
The same	hal		_			A – AP	PROVED			
Carl Alfons		Nasri Naddaf Hart	PO E Dubi	IVIE Nox. 26739 s - U.A.E.		B – AP	PROVED WITH COMMENTS			
Marine Engineer – Byrn	e Looby	Construction Director				C – RE	VISE AND RESUBMIT			
Related reference:						D - OT	HERS	<u> </u>		
		Approved, resubmission not required. Comm		and the second second			n.			
		his review do not relieve the contractor / cons design concept of the project and general con								
<u>Distribution</u>			100							
■Employer	-	Project Manager	■Lead Consultant		N.	Contracto	r 🔲 Others:	_		
DOCUMENT REVISION HISTORY										

DATE

OUR TRANSMITTAL

DESCRIPTION









#### MATERIAL SUBMITTAL

**COMMENTS SHEET [MSS]** 

Page 1 | 1

Α	NO OBJECTION, MINOR COMMENTS TO BE INCORPORA WORKS MAY PROCEED, RESUBMISSION NOT REQUIRED,



D

NO OBJECTION, COMMENTS AS NOTED, WORKS MAY PROCEED, RESUBMISSION REQUIRED WITHIN 14 DAYS, FAILURE TO RESUBMIT WILL RESULT IN STATUS DOWNGRADE TO C.

REJECTED, SUBMITTAL IS INCORRECT/ UNACCEPTABLE OR INCOMPLETE TO SUCH AN EXTENT THAT A COMPLETE REVIEW CANNOT BEUNDERTAKEN BY THE LEAD CONSULTANT.

FOR INFORMATION ONLY, REVIEW/INSPECTION NOT REQUIRED.

#### DESCRIPTION- MATERIAL SUBMITTAL FOR DEFORMED STEEL BAR- RAK MIDDLE EAST

ORPORATED,

Notwithstanding any other provision of the Contract, the term "No Objection" when used in the context of any comments given by or on behalf of the Lead Consultant shall have the meaning "No objection to general principals only", and no suchcomments shall diminish or relieve the Contractor or its Sub-Contractor (s) from any of his obligations or liabilities under the Contract.

Project:	EMAAR Beachfront 14	Job No:	6733		Received by:
MSS.S No: 0	19	Rev:	00		BREWER SMITH
Contractor:	NATIONAL PILING	Issued Date: 15-08-2	2022		BREWER GULF
Submittal Issued by:	MR.KTH REDDY	Requested Response I [Minimum period from issue de the contract]	05.00	3-2022	15 AUGUST 2022
Issued to:[tic	ck as appropriate] Copie	s Copied to:[tick as app	ropriate] (	Copies	RECEIVED
Architect		Architect			E E
Structural En	gineer (By Email) 🗸	Structural Engineer			AND LAND DRAMMS
MEP Engine	er	MEP Engineer			CLAND URA
Other		Other			Comman)
					(Signed and Dated Stamp)
SAM	PLE	ITERATURE	SAMPLE A	VAILABLE	✓ OTHER
					Not meeting DM
SPECIFIED			PROPOSED		circular
MFR / AGENT			MFR / AGENT	RAK MIDDLE	EAST
MAKE / MOD	DEL		MAKE / MODE	L Emirates, H	Hamriyah & Jinaal
SPEC REF			SPEC REF	E20	
NOTICE OF C	COST VARIATION		REASON FOR	ALTERNATIVES:	
steel not to 159 (dated		eting the DM Circular on the usage of reinf	No. 216 (date	ed 22nd Jur	addressing comments. Jindal ne 2016) and DM Circular No. untries.
Signed: Bijc	ру		Company:	BSBG	Review Stamp
Status:	Signed :	(al.u.)	Date:	16 Aug 202:	To checking a pulser to the connection and long incomposition of the composition of the c
В	Client's Signature:	John 1	Date:		To its for ration only. Review/inspection not inquired.  Reviet execting any river provision of an Conson, the name "Not Eight-Not when the contracting any river provision of the Conson, the name "Not Eight-Not when the late the conson provision of the Conson, the conson of the Con







Unifier Reference:

#### MATERIAL SUBMITTAL Ref; NPC-LG-MTS-00003 DATE: 30-Nov-22 Project: Dubai Hills Estate Development - B-092 Lime Gardens, Plot no: 6316970, Dubai. Client/Employer: EMAAR Dubai Hills Estate Development Consultant Engineer : WME Consultants Main Contractor: National Piling And Land Draining Works LLC Sub-Contractor/ Supplier: Rak Maddle East Traders LLC Description of Item: Material Submittal For Steel Supplier -Lead Supplier - Rak Maddle East Traders LLC Sub-Contractor/ Supplier Discipline Area of Application Specification Reference Rak Maddle East Traders LLC Civil-Structural Piling Work Sample Technical Data QCP/ ITP Test Certificate Warranty MSDS Method Statement Previous Approval Manufacturer: Rak Maddle East Traders LLC Country of Origin: Website: Supplier: Rak Maddle East Traders LLC Tel: Sub-Contractor/ Supplier Received by Consultant Others Name: N/A Name: KTH Reddy Name: 2 Hard Copy Signature: Signature: Signature: 1 Soft Copy Date Date: Date Comments (WME Consultant) 1. Submittal indicates 4 nos. steel manufacturers/brands (Emirates, Hamriyah, Union & Jindal), contractor to confirm us which brand they are going to procure at site. 2. M/s. Union Iron & steel DCL Certificate expired on 9th September 2022, contractor submit the valid copy, 3. Technical details of material must be complied with project specifications, IFC drawings and local authority requirements. 4.Each consignment/site delivery shall be accompanied with Mill test certificates. 5.Random samples (all dia) shall be provided and tested in 3rd party laboratory & reports to be submitted for Engineers review. 6.Material inspections (MIR) to be submitted for consultant inspection and approvals. 7. Mixing of reinforcement material from different source/ manufacturers/brands not allowed, this shall be strictly monitored and controlled by main contractor. 8. Contractor to maintain the proper site records. 9. Complete QA/QC procedures to be followed. A. Approved B. Approved with Comments E. Not Required or Tawfiq Yanni Name: Signature Date: 09/12/2022 Comments (Emaar Properties) A. Approved B. Approved with Comments C. Revise and Resubmit D. Rejected ☐ E. Not Required Signature Date: Received by National Readymix Concrete LLC



# M10 District One

OWNER





CONTRACTOR

#### OLSEN & PARTNERS LUXEDESIGN Mr. Xue Jie ARCHITECTS + ENGINEERS MATERIAL SUBMITTAL (MS) PROJECT TITLE **B+G+1 MANSION** DATE 27-May-22 MS-M10-001 PLOT NO. 3479795 REF. NO LOCATION MOHAMMED BIN RASHID, AL MAKTOUM CITY REV. NO. DESCRIPTIONS DESCRIPTION COMMENTS SI Material Submittal for Steel Rebars 1 Soft COPY 1 of M/s RAK MET CONTRACTOR'S RECEIVED BY Rikan NAME & CONSULTANT'S NAME & SIGNATURE **SIGNATURE** DATE 05/27/2022 DATE THE ENGINEER RESPONSE ✓ APPROVED AS NOTED REVISE & RESUBMIT **APPROVED REJECTED** 1- RAKMET to comply only with the approved SD of Steel bending schedule approved by the consultant Engineer 2- Steel test should be conducted as per consultant Engineer for all steel types and Dia. 3- Commercial License, Membership Certificate, and all Certificates should have at least 6 months of validity 4- Updated Mill certificate should be provided 5- Comply with project standards and specifications 6- Certified reinforcement steel by DM should be provided from one source, containing tags and all details as per approved SD 7- Subject to the approved MS, and all related approval RECEIVED By Olsen partners at 4:13 pm, Jun 06, 2022 Rikan CONSULTANT'S RECEIVED BY NAME & CONTRACTOR'S DAT **SIGNATURE** NAME & SIGNATURE DATE DATE



DATE

## M10 District One

OWNER





CONTRACTOR

#### Mr. Xue Jie OLSEN & PARTNERS LUXEDESIGN ARCHITECTS + ENGINEERS **DOCUMENT SUBMITTAL (DS)** B+G+1 MANSION 10 DATE 27-May-22 PROJECT TITLE 3479795 PLOT NO. REF. NO DS-M10-005 LOCATION MOHAMMED BIN RASHID, AL MAKTOUM CITY REV. NO. 0 **DESCRIPTIONS** SI DESCRIPTION COMMENTS Pre-Qualification for Supply of 1 1 Soft COPY Reinforcement Steel of M/s RAK MET CONTRACTOR'S RECEIVED BY Rikan NAME & CONSULTANT'S -Swit **SIGNATURE** NAME & SIGNATURE DATE 05/27/2022 DATE THE ENGINEER RESPONSE ✓ APPROVED AS NOTED **APPROVED** REVISE & RESUBMIT **REJECTED** 1.Contractor shall use certified steel reinforcement as per DM requirements, BS 4449, and project standards/specifications 2. Several specimens should be chosen by the Engr. For tests (chemical, tensile, bend & rebend, .etc.) 3. Submit to the approved MS and SD 4. Subject to the Mill Test Certificate (MTC) or Report with certified results 5. Supplied materials to the site should be indicated with a label and the steel reinforcement manufacturer 6. Compliance statement with the latest approved structural drawing to be provided with each delivery and as per Engineer satisfactory RECEIVED By Olsen partners at 12:58 pm, Jul 15, 2022 Rikan CONSULTANT'S RECEIVED BY NAME & CONTRACTOR'S **SIGNATURE** NAME & SIGNATURE

DATE







PROJECT : B+G+2 Villa at Plot No. 3470895 Meydan District One, Dubal, UAE REQUEST FOR APPROVAL OF SUBCONTRACTOR/SUPPLIER Ref. No. : RASS-A124&A125-008 Date of Submission 28-Sep-2022 Package Reference Contractor Representative Yahia Abdelghafour Architectural MEP Structural Others SR. NO. Description Proposed Sub Contractor / Supplier 1 Pre-Qualification Documents of M/s RAKMET Steel Supplier Attached Sample Catalogues Compliance Sheet Others No. of Copies Attached : 1 Hardcopy For Main Contractor : Olsen & Partners Interiors LLC For SubContractor Project Manager : Mr. Yahia Abdelghafour Project Manager Name : Mr. Yahia Abdelghafour DUBAI - U.A.E. Name Signature A PATWERS INTERIO Signature Date : 28 September, 2022 ENGINEER'S COMMENTS : A Submit steel rebor material for approval as specified in the contract for Entiretes Rebor. A Hamoryah Stel Rebar Approved as Noted Approved Additional Information Required Rejected Engineer Date 03-Oct-202) (Engineer's Representative) Received by Contractor Date Name RECEIVED

By Olsen partners at 3:06 pm, Oct 03, 2022





## PE-OLIALIEICATION APPROVAL Architects & Engineering





1 | 2

## MOHAMMED BIN RASHID AL MAKTOUM CITY 38 SEMIDETACHED VILLAS PHASE 3A.1

CONTRACT NO.:	EMPLOYER:	REFERENCE NO.
<u>DMS-147867</u>	MOHAMMED BIN RASHID AL	D1-PH3A.1-38V-P176-PQ-CVL-007
	MAKTOUM CITY DISTRICT ONE	
PRINCIPLE CONSULTANT:	CONTRACTOR:	<u>DATE:</u> 22-Feb-2022
LACASA ARCHITECTS & ENGINEERING	Parkway International Contracting	*
CONSULTANTS	LLC	
	SUB-CONTRACTOR'S APPROVAL	
SUB-CONTRACTOR'S PARTICULARS		
Company Name: M/s.Rak Middle East T	raders LLC.	
Company Line or Works: Prequalification	on for Supply of Steel Reinforcement fo	r Concrete Works.
Manufactures: -1. Al Hamriya Steel,2. Ji	ndal Steel,3. Qatar Steel.	RECEIVED P
Address: P.O Box 211924		9 2 FEB 2022 R
The following prequalifying documents s	hould be enclosed	I MAN
☑ Commercial Register ☑ Fou	nding Contract	DCL Certificates
Present Works 🗹 Qua	lity Control 🗹 Company Equipment	Organization Chart
2. SUB-CONTRACTED WORKS:		
Section of the Works:	* *	
BOQ Items:		
Total Value of Sub-Contract (In Contract	t Rates):	38 Nos-Villas Plas
Cumulative Value of Sub-Contracted wo	orks to-date (In Contract Rates):	LIN 35 NOS. VIII 35. Politico.
Submitted by: Project Manager Nam	e: Abdo Aziz Najjar	Signature DE OR
CONTRACTOR'S REPRESENTATIVE		
3. ENGINEER'S REPRESENTATIVE'S CON	MENTS:	APPROVAL CONTRIBUTIONAL CONTRIBUTION
Refer to a	Hoched comments show	t-
<b>♠.</b> □ Approved	Approved as noted	C - □Not Approved
Signature:	Date: 8.02.2	02Z

2 5 FEB 2022





### **REVIEW COMMENT SHEET**

Referen	nce. No. [Rev]	NHM-DF	-C-350000-MS-0	0-000048	A0			<mark>09 Ju</mark>	ine 2022
Project	Name	Natural Histor	ry Museum Abu D	) Nabi					
Subject		NHM - Marin	ie Works-Materi Blabs) (M/s. Rak	al Submittal fo					le
Zone		00 - Site Wide		Do	c. Type:	Work Inspe	ection Req	uest	
DESDON	ISE SUMMARY								
RESPON	ISE SUIVIIVIARY								
Emirat	tes steel onl	y approved in	the project						
						100			
Contra	actor shall co	ollect the mate	erial sample an	d test as per t	he project	specification	on.		
At leas	st, one test s	shall be carrie	d out per 5,000	m length of b	ars deliver	ed to site fo	or each b	oar diameter.	
Ctatus	. Approved	with commons	to						
Status	s. Approved	with comment	is.						
Attachment	ts (if any):	List down attachments	in order and indicate the re	ference number where av	ailable.				
							Related Refere	nce	
PREPAR	ED BY:	R	EVIEWED AND REC	OMMENDED BY:		DOCUM	MENT STAT	'US	
	7	Styles!				A – APP	ROVED		
Carl Alf			lasri Naddaf #		WME P.O. Box: 26739 Dubai - U.A.E.	2000 - 0540-0540		I COMMENTS	
	Engineer – Byrn reference:	e Looby C	onstruction Directo	r –		D - OTH	SE AND RES	UBMIT	
		oneans document is Approved	d, resubmission not required. Com	ments to be incorporated into	os-built / at handover a		ILKS		
			do not relieve the contractor / co						
Distributio	TOTAL OF THE STATE	TOWNS OF S				m <u>=</u> p s s		For	
	Employer  REVISION HISTORY	Projec	t Manager	■Lead Consultant	i	Contractor		Others:	
REV NO.			DESCRIPTION			DATE		OUR TRANSMI	<u>ITAL</u>



## **MATERIAL SUBMITTAL**



Aconex Ref. No.   Rev		NHM-DFC-3	350000-MS-	00-000048	A0	3 June 202				
Project Name	Natural	History Museum	Abu Dhabi			•				
Subject		Marine Works – I ak Middle East Tra				nt Steel Bar (Capping bear	m, Pile Caps, Beam,Slabs)			
Material Sample Ref				Discipline Civil Works (Infra)						
Your Reference	NHM-I	DFC-030000-MS-	00-000046	-000046		00 - GENERAL				
Reason for Issue	Issued t	for Approval		Asset		0A - GENERAL - GENE	RAL			
MATERIAL DETAIL	LS									
Material Name	1aterial Name Reinford		t Steel Bar							
Material Type Block S		Block Steel Re	k Steel Reinforcment , BS 4449							
CSI Code   Discipline		350000		Civil/Ma	arine					
Model   Dimension N/		N/A		Dia: 12,	16,20,	25mm				
Specification & Clause NHM00		NHM002-Cas	t in Place Con	crete & Cluase:	4.1					
Drawing Reference IFC:		IFC: NHM-AR	IFC: NHM-ARC-350000-DG-00-A13072_Rev C1							
BOQ Reference Bill		Bill no 4, Con	Bill no 4, Concrete Work							
Material Specified B		BS 4449								
Material Proposed Ca		Capping beam	, Pile Caps, Be	eam, Slab						
Supplier Details M/s. R		M/s. Rak Mido	lle East Trade	rs LLC						
Manufacturer Details	6	M/s. Emirates	/s. Emirates Steel Industries							
Other Information		N/A								
		□ Drawings		Copy of related Spe	ecs.	☐ Compliance Statement	☐ Material Sample			
Enclosure		☐ Catalog / Data	Sheet 🗆	Prequalification		☐ Test Certificate	☑ Others			
The Contractor certifies that	the materials s	ubmitted have been revie	ewed and are in acc	cordance with the co	ntract dr	awings and specifications, except a	s otherwise stated.			
ORIGINATOR'S IN	FORMATI	ON								
REQUESTED BY:			/IEWED AND F	RECOMMENDED	BY:	REVIEWED AND APPROVED BY GENERAL CONTRACTOR FOR ISSUE				
PLC Contracting LLC			nj			The state of the s				
Dutch Foundations & Rehabilitation Co. W			garaj Prabhu ality Manager	3		Firas Alawar Project Director	Som I carried strategy			
Distribution										
■Employer		■Project Manager		■Engineer		■Contractor	□Others:			
DOCUMENT REVISION HISTORY		January Company		100 a 1705 12 17 18 22 22 18 18 18 18 18		A STATE OF THE STA	a. No			
REV NO. DESCR	IPTION	DATE		QUR TRANSMITTAL		THER TRANSMITTAL	DATE			

#### Consultant:





## MATERIAL/TECHNICAL SUBMITTAL

Proje		Reside	ntial Buildin	g (G+5P+17	7+Roof)		Refe N	lo DAR	-RCC-MA	AR-STR-041
Conti	act No	RCC-D	EC-JVC13AF	RHG001A-2	020		REV:	0		
Conti	ractor		Capital Cont	racting LLC	)		Date:		lay-22	
FROM	•	Reem Ca	pital			TO:	DARTE	C		
V	1st Sub	mission	☐ 2nd Su	bmission C		ubmission		Response requ	ired by :	
Previo	us Subn	nittal No. :		Dat	le:		Ca	ategory:		
Ser No.	- 55 5	ument/ No.			Description			Rev	Copies	Approval Category
1	DAR-RCC-MAR-STR-041 Prequalification and Technical Submittal for Emirates Stee (UAE), Hamriah Steel (UAE) and Jindal Steel (Oman) Steel Rebars.  Supplier - M/s RAK Middle East Traders LLC					1/9	RECEIVED			
			Supplier - M/	s RAK Middle	East Trad	ers LLC			u y	3 1 MAT LOLL
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5										
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Cont	ractor's	s View:								
DA	Architec	tural 🗵	Structural	☐ Mech	anical [	Electrical		☐ Plumb	ing 🖂	Others
Rele	vant Sp	oecificatio	on Section :		DARTI	(SUBJECT	TO DRAND AUTH	AWINGS, DOCU	IMENTS ATIONS)	
700000			2/11/3			LUAUSUM -				
THIS	SUBM	ITTAL IN	Approval / Con	nments	المقاولات من	Information	/ Recon	ds		
	actor :	Eng. Am	ir Elwakiel Manager	SIGN	ATURE:	KIN.		DATE : 31-N	//ay-22	noneconomic de la constante de
Engi	neer's	Rep. :			CAPITAL	ONT	O VO			
a C	(A) Ap	proved	□ (B) 7	pproved as N	oted	☐ (C) Rej	ected /	Revise		
Comi	nents :	5			U.W. = 3W-W = 5W-1					
								<b>D</b>	14 1	UN 2022
	***************************************		**:				0	<i>Y</i>		****
Engir	neer's R	epresenta	ative	Desig	nation	Ality	Si	gnature		Date
DIST	RIBUTI	ON:						616 17	18/19	
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## MATERIAL APPROVAL REQUEST FORM (MARF)



#### MPL-P-197 & P-198-MARF20221013-03

DATE SUBM 11/1		PLOT NO & LOCATION: 347-4799 & 347-4801 @SOBHA HARTLAND	PROJECT: PROPOSED VILLA	PROPOSED VILLA: G+1+R REFERENCE NO. MPL-P-197 & P-198 MARF20221013-03		
MAIN CONT		NTRACTING L.L.C	SUB-CONTRACTOR	3	REVISION NO. 00	
REQUEST A	APPROVAL I		MEP HVAC GLAS	SS & ALUMINIUM	INISHES T	
	DESCRIPTION OF THE PROPERTY OF		J WEF [] HVAC [] GEAG	LOCATION TO BE USED:		
100000000000000000000000000000000000000	NFORCEME		- *	SUB STRUCTURE/SUPER S	TRUCTURE	
NO.		MATERIALS	MANUFACTURER NAME/ORIGIN	SUPPLIER NAME	APPLICATOR	
1	ST	EEL REINFORCEMENT	QATAR STEEL (QATAR)			
				RAKMET		
to defend the second section	to this subn	nittal:				
* Brochure/	Catalogue		* Technical Data	9 cm	· 🛛	
* Sample		(K) (E (I)	* Previous Test Certificate			
* Manufactu	ırer's Guarar	itee	* Alternative Proposal			
* Method St	atement		* Compliance Certificate			
* Pre-qualifi	cation Docui	ments	* Manufacturer's License/or	thers		
		aterials submitted herewith ho as otherwise stated.	ave been reviewed in detail and are in stri	ct conformance with the cont	ract drawings and	
	2 0	Main Contractor: (Hardeopy 3	Rset with attached lahel sample)	1 *		
PROJECT N	ANAGER	Vama 10/27	PROJECT ENGI DATE:			
CONSULTA	NTS COM	MENTS 64	and is subjected !	- full com his	we with bus	
= Bees	2 8 6	Cal alulia app.	all very as subjected to	s que congre a	oue a. p.	
- Rein	porce	ment steel ba	er requirement/reg es shall comply full emonts.	ly with speci	fication 4	
stan	dard	s 4 stronguin	emonts.			
- Mil	Tell-	Cextificated s	Test-Results / reports	shall be prov	add hitsea	
APPROVI	ED 🗆	APPROVED WITH COMMEN	TS REVISE & RESUBMIT	] RE.	JECTED	
Consultants	Engineer Na	ime & Signature	Date /			
EN	s. D	EEPAK S	. Color	سية ر	مابل للاستشارات الهند	
				M	TPLE CONSULTANTS	
*The Cont *Contract specificati	tractor shall for should testions and doc	be solely responsible for the soun stify that the above submitted ite uments as per the Conditions of C cach diamete	ntractor of his obligation under the contract.  Identify and the correctness of the submitted main have been reviewed in detail & are correct a contract.  If Skel bans shall be a few or the contract of the	nd in strict conform ty with the co	OCT 2022 ontract drawings,& SIG 4 6 8 8 EIVED	

CLIENT

Sheikh: Butti Suhail Butti Al Maktoum

CONSULTANT



ENGINEERING CONSORTIUM
CONSULTING ENGINEERS
Architects. Engineers. Planners
amail: aggocist@emiroles.net.
EL. 04 2830770 FAX: 04 2830771 P.O. 30X:-39999 OUBM. U.A.E.



#### PREQUALIFICATION SUBMITTAL

Project	:	Residential Building (G+P+1 Project on plot No. 4210351	2F+R) Al Nahda	a First Plot No. 231015	8 + G+ 6 Al Warqah				
Client	:	Sheikh Butti Suhail Butti Al Maktoum							
Consultant	:	M/s. Engineering Consortium	M/s. Engineering Consortium Consulting Engineers						
Contractor	:	M/s. Shaanxi Construction E	Engineering Gro	oup Corporation Limite	ed-Dubai Branch				
			CON LONG II. (I	DAME.	DIOCIDI ME				
4240.0		CUMENT NO.	REV.	DATE	DISCIPLINE				
	) C G -	STR-112-PQD-008	01	21 SEPT 2022	STR				
Civil:	DÓ	MEP:  CUMENT DESCRIPTION	Al a	Safety:					
		-							
1	RAK	MIDDLE EAST TRADERS /SUN	RE INDUSTRIES !	L.L.C (EMIRATES STEEI	L & QATAR STEEL)				
		he document submitted herewit ing and specification & BOQ un			strict conformance				
Engr. Name: Ya			2	2 C E 8 C	1/09/2022.				
Consultant Com	nmen	ts:	SHAANXI CONS CORPORATIO	TRUCTION ENGINEERING GROU ON LIMITED - DUBAI BRANCH	P				
		n for Mis Sun							
reinforce	eM	ent material to	the pr	roject(s); sub	oject to				
related	W	naterial & test	approva	ils, uce and other	documents				
* 1/1/3 SC	EU	c 60 2Mp MILL ICLE	ast. WKI	the official	supplier "11				
Name. oF	N	e to submit rela	ast jarr	Signature.	= Aima)				
Date:	M	Is Pak ME.		CI P	= Mmai				
Resident Engine	eer C	omments:							
	`								
Name: Falah A	Alabra	ash /		Signature:					
Date:		N			12 13 14/15				
Approval Status	Cod	le:	DECE	EIVED	A COR				
	prov	ed	KLUL		SECENED WAS				
		ed with Comments	2 4 S	EP 2022	2 1 SEP 2027				
	3	& Resubmit	1000	TOO 7 10-	ENGINEERING CONSORTIUM				
D- Rej	jecte	ed	ARSU	EGC 9.30am	Marion				
					6/7/N110				







MATERIAL SU	BMITTAL
Project : CREST GRANDE	REF. No. : MAR-CRG-CIVIL-011
Client : PNC investments	Rev. No. :00
Consultant : PNC Architects	Date : 21-Dec-22
Contractor : Sobha Constructions LLC	Category: Civil / Arch ID MEP
Subcontractor : Rak Middle East Traders LLC	Others : SFD
Material Description (one item only on this form )	
Material Reference : MAR-CRG-CIVIL-011	Revision No. : 00
Description : Reinforcement Steel (MATERAIL SUBMITTAL FOR	R HAMRIYAH,UNION (UAE) & JINDAL(OMAN) REINFORCEMENT STEE
Area of Application : Substructure & Superstructure	
Drawing Ref : N/A	B.O.Q Ref. No. : N/A
Specification Ref : N/A	Standards : Project specification
Manufacturer/Supplier	
Company Name : Rak Middle East Traders LLC	
Address : Dubai	
Local Agent : Rak Middle East Traders LLC	
	ii lun
Submitted By: Genitus Fernando Position: Project Manager	Signature ; 21-Dec-22
Submitted By: Genitus Fernando Position: Project Manager	Signature : Date : 21-Dec-22
Consultant's Comments  1. No objection for Hamriyah & Union steel from M/s. RAK Middle East Traders.	
<ol><li>For Jindal steel, please update the DCL certificate for Grade 500. Upon submi</li></ol>	
<ol><li>Certificates which are near to expiry shall renew and submit for our reference. throughout the project.</li></ol>	SCL's responsible to ensure the supplier have all certificates valid
an augmout the project.	
☐ A- Approved ☐ ☐ B- Approved As Noted	C- Not Approved (Resubmit) D- Rejected
Name : Suresh Position : Sr. Structural Engg.	Signature : Date : 27 Dec 2022
rosition . Ottobal Eligg.	Signature . Date . 27 Dec 2022
Employer's Comments	
	_
A- Approved B- Approved As Noted	C- Not Approved (Resubmit) D- Rejected
Name : Position :	Signature : Date :

- 1- Contractor to mark all relevant technical description in the literature.
  2- Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to contract documents
  3- Contractor should certify that the above submitted items have been reviewed in details and are correct and in strict conformity with the contract drawings and spedifications otherwise stated, also that the material sources indicated above have been reviewed in detail and will be supplied in conformity with the above and delivered same timely.









(نموذج Form 20/(20

التاريخ/Dare : 20.07.2022

UNEC/J-299-C/B7/MSA/001 :Ref./حم المرجع

#### طلب اعتماد مواد/Material Submittal Approval

(B07 – Firefightin Khorfakkan, Shar	g Trai	ning Center	on Plot	rfakkan Branc No. 21 at Al O	n Building waynat Area,	اسم المشروع Name of اسم المشروع Project/
Plot No. 21		Plot No.	رقم القطعة/	Al Owaynat Are	a, Khorfakkan,	المدينة/ المتطقة-City/Area
Department of Public N Government of Sharjal			الجهة المنتف	الج QHC Architects & Engineers		الاستشاري/Consultant
		Contract No	رقم العقد/.	United Eng. Cont. &	Const. Gen. Tr. LLC	المقاول/Contractor
						لاغتصاص/Section:
اغری/Others	Electric	کهرباء/la	ىحى/ Plumbin		Structuralانشانی	معماري/Architectural
Prequalification or reinforcement	& Mate	erial Submi nirates. Hai	ttal for Cu	t & Bend steel	4	العمال Description/العمال
				idle East Traders L.	L.C	لمقاول/المورد /
			Arab Ma	erine Academy		Subcontractor/Supplier کان تنفیذ الاعسال/Location
						لمرجع بالمواصفات/ قائمة الكميات / Reference/ of Description List of Quantity
اثج الفحر صبات/Test result	7,	الرج/Catalogue		Sample/4	عينا شرع Others/ا	المرفقات /Attachment
	NAC.				Others/G Jan	Received/Nu.y
Department of Pub	لعامة ic	دائرة الأشغال ا		Consultant/	tr 311	AS TO SERVE THE RESTRICT
Wo	rks			بار ي/Consultant	IVI	المعاول الربيسي/ontractor سازه
		Name/ a Signature/ si			Name/	Name Eng. Khalid A. Rasheed الزمام a b signeture
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		In Com	ا اعل /oleted	So në	د مع الملاحظات	AND DESCRIPTION OF THE PARTY OF
ر فوض/Rejected		111 201111	increal for	J.L		
رفوض/Rejected				App	roved with Com	ments
ıll compliance with re	levant (	Codes & Stan	dards, Auth	ority regulations	roved with Com	ments :Remarks/الله
all compliance with reach lot & dia. of steel	bars de	livered to the	site shall b	ority regulations e supported with	roved with Com , and Contract do , a valid mill test	ments :Remarks/ Alba Naccertificate, manufacturer's tag
all compliance with re sich lot & dia. of steel st number matching i	bars de he cast	livered to the number mer	site shall b	ority regulations e supported with he steel label, w	roved with Com , and Contract do n a valid mill test hich must be atta	ments :Remarks/ Remarks/ Compents :Remarks/ Remarks/ Rema
all compliance with re sich lot & dia. of steel st number matching i	bars de he cast	livered to the number mer	site shall b	ority regulations e supported with he steel label, w	roved with Com , and Contract do n a valid mill test hich must be atta	ments :Remarks/ Alba Naccertificate, manufacturer's tag
ull compliance with re sich lot & dia, of steel st number matching i est results (mechanica ur site team, sipping and storage m	bars de the cast il & che ust stri	livered to the number mer mical) of rand ctly comply w	site shall be ationed on it dom sample with the mar	ority regulations e supported with the steel label, wi es upon site delive nufacturer's reco	roved with Com , and Contract do , a valid mill test hich must be atta ery as per the pro	ments :Remarks/-16-22 certificate, manufacturer's tag iched to each bundle. Dject specs to the satisfaction
ull compliance with resich lot & dia, of steel st number matching test results (mechanical riste team, alipping and storage mobove ground on platf	bars de the cast il & che ust strii orms, c	livered to the number mer mical) of rand ctly comply were other appro	site shall be ntioned on a dom sample with the man	ority regulations e supported with the steel label, with supported by supported by nufacturer's recorts suitably space	roved with Com , and Contract do , a valid mill test hich must be atta ery as per the pro mmendations. Re d.	ments comments. :Remarks/
all compliance with restrict the set of steel st number matching is tresults (mechanical ir site team. sipping and storage move ground on platfeel Reinforcement sh	bars de the cast il & che ust stric orms, c all be d	livered to the number mer mical) of rand ctly comply we or other appro- eformed, unc	site shall be ationed on a dom sample with the mar oved support oated, with	ority regulations e supported with the steel label, with supported delivers outfacturer's recorts suitably space specified yield s	roved with Com , and Contract do , a valid mill test hich must be atta ery as per the pro mmendations. Re d. trength not less t	ments comments. :Remarks/
all compliance with restrict to the district of steels of steels of the stress of the	bars de the cast il & che ust stric orms, o all be de eent of c	livered to the number mer mical) of rand ctly comply wor other appropriately unconferent souldifferent sould	site shall be dom sample with the mar oved suppo- oated, with ces / manu	ority regulations e supported with the steel label, with supported delivers outfacturer's recorts suitably space specified yield stacturers in one f	roved with Com , and Contract do , a valid mill test hich must be atta ery as per the pro mmendations. Re d. trength not less t	ments comments. :Remarks/Class cortificate, manufacturer's tag iched to each bundle. oject specs to the satisfaction einforcement shall be stored han 460 N/sqm. evertical elements (walls &
all compliance with resect lot & dia. of steel st number matching the stresults (mechanical ar site team. In the stresults of storage modes are site team. In the stresults of	bars de the cast al & che ust strict orms, o all be de will not will not	livered to the number mer mical) of rand ctly comply we or other appropriately unconferent soult be accepted.	site shall be attended on a dom sample with the mare eved supported, with the sample of the sample o	ority regulations e supported with the steel label, with supported delivers outfacturer's recorts suitably space specified yield stacturers in one f	roved with Com, and Contract do a valid mill test thich must be attainery as per the prommendations. Red. trength not less the cor slab and/or	ments comments. :Remarks/-ib-x- certificate, manufacturer's tag ched to each bundle. elect specs to the satisfaction einforcement shall be stored than 460 N/sqm. vertical elements (walls &
all compliance with restrict to the district of steels of steels of the stress of the	bars de the cast al & che ust strict orms, o all be de will not will not	livered to the number mer mical) of rand ctly comply we or other appropriately unconferent soult be accepted.	site shall be attended on a dom sample with the mare eved supported, with the sample of the sample o	ority regulations e supported with the steel label, with supported delivers outfacturer's recorts suitably space specified yield stacturers in one f	roved with Com , and Contract do , a valid mill test hich must be atta ery as per the pro mmendations. Re d. trength not less t	ments comments. :Remarks/-ib-x- certificate, manufacturer's tag ched to each bundle. elect specs to the satisfaction einforcement shall be stored than 460 N/sqm. vertical elements (walls &
all compliance with resect lot & dia. of steel st number matching the stresults (mechanical ar site team. In the stresults of storage modes are site team. In the stresults of	bars de the cast al & che ust strict orms, o all be de will not will not	livered to the number mer mical) of rand ctly comply we or other appropriately unconferent soult be accepted.	site shall be attended on a dom sample with the mare eved supported, with the sample of the sample o	ority regulations e supported with the steel label, with supported by the support of the support	noved with Com, and Contract do a valid mill test thich must be attainery as per the prommendations. Red. trength not less the consultant/g.	ments comments. :Remarks/citex corrificate, manufacturer's tag iched to each bundle. object specs to the satisfaction einforcement shall be stored than 460 N/sqm. vertical elements (walls &

صفحة [ من 2 تاريخ الإصدار: 5/3/2020 الإصدار: 02 نموذج: DPW-OP16/20 RECEIVED 2 2 JUL 2022 United Engineering Construction Job 299



DATE: 20/7/22

Date



**QHC HEAD OFFICE APPROVAL** 

Name

FORM RECEIVED BY MAIN CONTRACTOR

#### SUPPLIER/MATERIAL APPROVAL FORM

Ref No.: UNEC/QHC/J322/1182/SMA/004 (R02)

P P	arking) + 2	nd Pod Resident	ium (Residential / tial Floor on Plot N	Commercial / Parking) 1st P Parking / Services) + 8 Typ. No. 108/A at Al Medifi Area,	Residential Floors +
MAIN CONTRAC	CTOR : I	M/s Uni	ted Engineering Co	onstruction (L.L.C.)	
NAME OF SUPPLIE			RAK Middle East Tra	aders LLC Enirate	es stee (Industries al steel FZC SHaded Iron & St
NAME OF MATERIA SPEC/BOQ/DWG. R (Enclose Copy)			forcement Steel Bar s – C/2; BOQ – Bill/2	Z & Bill/3 & DWG - Structural	Staded Iron & St
SAMPLE SUBMITTI	ĒD :	YES	NO	LITERATURE SUBMITTED:	YES / NO
FORM SUBMITTED MAIN CONTRACTO		Eng.	Alaa Hammoud Name	Signature	14 <sup>th</sup> July 2022 Date
FORM RECEIVED E	Y QHC :		Name	Signature	Date
QHC COMMENTS	:		Approved		
bars delivered to the number mentioned o random samples upo strictly comply with t recommendations. Ro (5) Steel Reinforceme	site shall be su in the steel labe in site delivery a he manufacture einforcement si ent shall be defo erent sources /	pported wel, which rose per the er's hall be stoormed, ur manufact	with a valid mill test certification to each project specs to the satisment of the satismen	nments: ions, and Contract documents. (2) Eac icate, manufacturer's tag & cast numb bundle. (3) Test results (mechanical & sfaction of our site team. (4) Shipping plete. The following is require n platforms, or other approved suppor eld strength not less than 460 N/sqm. nd/or vertical elements (walls & colum	er matching the cast chemical) of and storage must details suitably spaced.  (6) Mixing steel ans) within the same
QHC REPRESEN		ROVAL	· Jus	n Hom	DATE: 25/3/22

Signature







#### **Material Submittal**

Projec		nmercial Buildings With Ar Corniche	cade at D	Dibba		Ref No	.: UNEC/J310	/CAB/MAS/004	
Projec	t Manageme	nt : Trust Cost Project Mana	agement S	Services	5	Date:	27-May-22	Revision: 00	
		ed Engineering Construction	on [UNEC	]		Contract No. :			
FROM :	Eng. Ahmed E	Baioumi (CM)	,			TO: En	g. Medhat Mousta	afa (PM)	
Attac	chments :		Discipl				Approval Req	uired By Date :	
	Samples		☑ Civil						
V	Original Brock	hures	☐ Arch	itectural					
~	Specification	Comparison Sheet	☐ Mecl	hanical					
	Others		☐ Elec	trical					
			☑ Othe	er ( state	)				
Attach	n all relevant liter	rature marked by "clouding": to ident	ify relevant o	description	, curre	nt test cer	tificates, samples a	s appropriate.	
Mate	rial Documen	nts Submittals (Enclosures) C	hecklist:						
S.No		d below must be provided for Man er and Supplier of proposed Mate		YES		O, See ow Note			
1		file of Manufacturer or Manufactur oposed Material as Applicable	er and	Yes					
2	A copy of auth	nority certificate (if applicable)		Yes			v .		
3	Proof Supplier manufacturer	r is authorized as exclusive agent	by						
4	Certificate of C	Origin							
5	Proof of minim	nun 5 years GCC Operations		Yes					
6	Company Cer	tificate of Registration		Yes					
7	the standards	ificate that the material is in comp and Project Specifications							
8		udit/ visit fabrication plant for inspetesting (if required)	ection,						
9	Copy of Project	ct Specification requirements							
10	Mill/ Test Cert	ificates dated not later than 1 year	r						
11	Comparison o	of test results to the Specifications							
12	Approved Clie	ent List/Previous Projects Supplied	d in GCC	Yes					
13	Proof of past i	material submittal approvals		Yes					
14	Drawings whe	ere the material is to be used		Yes					
15	Catalogue/Bro	ochure of the company							
16		ochure of the material proposed.		Yes					
17	submitted in s	executer/subcontractor (details to subcontractor submission)							
18	Method Stater standard	ment as per Manufacturer quality	and safety						
19	Photographs								
20	Physical loose	e sample/mockup/sample applicat	tion						
	: IF NO, pleas	se specify reasons within the do	cument, si	igned off	and s	stamped			

Material Description :	Reinforcement Steel (Alternative)	FOR ENGINEER'S USE ONLY
Location / Area :		□ (A) Proceed
Drawing Ref. :	Structural Drawings	(B) Proceed as Noted
Specification Ref.		□ (C) Revise and Resubmit
Manufacturer / Supplier :	Emirates, Hamariyah, Qatar & Jindal Reinforcement Steel.	Required:
Company Name :	RAK Middle East Traders LLC	☐ Samples
Country of Origin:		Test Certificate
Local Agent :	RAK Middle East Traders LLC	□ Original Brochure
Delivery :		☐ Manufacturer's Guarantee
Production Period :		□ More Information
Total Delivery Time :		□ (D) Rejected Material
Expected Date of Delivery on Site :		☐ (E) For Information only;
Time Required at Site:		Review not required
Engineer's Comment:  PPP royle of S  Submission of On the Mention  NAME: Medhat SIGNAT	TURE:  DIBBAAL HISN  27-05-2022  27-05-2022  DIBBAAL HISN  PRO Videol that  The Test Centificat  DATE:  21-7-20	FOR OWNER'S REPRESENTATIVE/PROJECT MANAGER USE ONLY  Approved Approved As Noted Rejected
	ot relieve the Contractor from its obligations ou	utlined in the Contract documents
DISTRIBUTION:		
Original: CONTRACTOR		
Copies: OWNER	□ CAB	









#### Request For Sub-Contractor / Supplier Approval

								9
Project :	G+2 Commerc Corniche	ial Buildir	igs With A	rcade at Dibba El	Hisn	Reference No.	UNEC/J310	/CAB/SCA/003
Contract No.			••••••••••••			Date :	27-May-22	
Contractor:	United Engine	ering Con	struction	[UNEC]				
FROM:	Eng. Ahmed B	aioumi (C	M)		TO	): Eng. Medhat Mous	stafa (PM)	
PLEASE A	PPROVE THE	FOLLO	VING AS	A SUB-CONTR	ACTOR IN	THE ABOVE MEN	TIONED PR	OJECT :
SUB-CONT	RACTOR:	RAK Mi	ddle East	Traders LLC				
JOB DESC	RIPTION:	Supplie	r of Steel	Reinforcement -	Cut & Ber	nd		
ADDRESS	:	P.O Box	c. 6578 R	as Al Khaimah -	UAE			
ATTACHM	ENTS:							
COMMERC	IAL REGISTE	R	<b>~</b>					
PREQUALI	FICATION							
FINANCIAL	. STATUS :							
CURRENT								
			<b>✓</b>					
OTHERS (	LIST ANY)							
All requests mus RECEIVED  Engineer:  A. Approved	Eng. Ahmed let be submitted BY:	I to the Er	SIC	GNATURE		DATE :	27-May-22	Information Only
RECOMMENDATE APP	Prove	1			17-0-th	e attac	hedo	locuments
Engineer's Rep		hat	SIC	GNATURE :		DATE :		7-2022
Т	his annroval do	nes not re	lieve the	Contractor from	ts obligati	ons outlined in the C		
	approval de		mere tile	Contractor Horn	ra onligati	ons outlined in the C	-Unitiact doc	uments
DISTRIBUTION:								
Original :	CONTRACTOR				Г	DECED		
Original :   Copies :	CONTRACTOR CLIENT		< & A	,		RECEIV	/ED	

United Engineering Construction
Job 310 10 200 Avn





#### **Facsimile Transmission**

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Date:	18/08/2021	No. Of Pages(Including this sheet)	Page	1	Ot	2

To:	LARSEN & TOUBRO LIMITED ECC CONSTRU	Our Ref.:	N-00329-3-03-MAF-2021-10
Fax No:	026729873		Reinforcement Steel of Dia: 8,
Attention:	Mr. Ramakrishnan Selvaraj Project Manager	Subject:	10,12, 14, 16, 18, 20, 22, 25, 28, 30 & 32 mm BS: 500 /460GR. ASTM : 425 GR 60

#### Material/Document Approval

We refer to your Transmittal Note submitted on 07/07/2021 enclosing Material / Documents associated with respective substation(s) under your above contract and give our comments / approval on the submitted material /as per attached annexure:-

Material/Doc No.	Title	Source	Sample	A.C
N-00329-3-03-MAF-2021-10	Reinforcement Steel of Dia: 8, 10,12, 14, 16, 18, 20, 22, 25, 28, 30 & 32 mm BS: 500 /460GR. ASTM: 425 GR 60	M/s. Emirates Steel - Abu Dhabi	No	CE

#### COMMENTS -

Refer as attached

- A: Approved as submitted.
- B: Approved earlier and revision noted
- C: Approved for manufacturing subject to compliance with the comments. Resubmit for records
- D: Comments as per the attached marked up copy of the drawing
- E: Comments as indicated in the TN comments sheet.
- F: Revise the drawings as per the comments and resubmit for approval.
- G: Vendor's responsibilities for compliance with the requirements of the specification and not for approval/comments.









The comments and / or approval in no way relieves the Contractor from his obligations in the Contract to ensure conformance to the Specification as well as any modifications found necessary by DEWA during installation for satisfactory commissioning and operation of Equipment / works on contract. Any deviations from the Specification found subsequent to approval are to be corrected by the Contractor to the Satisfaction of DEWA. Marked up drawing(s) as indicated in the approved codes to be collected from the office of the undersigned.

Haifa Sharif

Projects Mgr

(Signed on 18-08-2021 13:43:12)





#### **MATERIAL TRANSMITTAL SHEET**

CONTRACTOR:					CONTRACTOR REF.	MTS-015	
L&T Col	nstru	ction			DATE: <b>07.07.2021</b>		
ADDRESS: P.O.BOX 44357, DUBAI - UAE TEL: <b>+971 (0) 4 282 8946</b>					CONTRACTOR PREVIOUS REF. NIL		
FAX: +971 (0) 4 282 6350					DATE: NIL		
To:     Dubai Electricii     P. O. Box: 564     Dubai, UAE.  Attention:     Project Manage     DEWA		ter Authority					
CONTRACT NO.:					000069&70		
CONTRACT DESCRIPTION:	132kV/	uction, Supply, Installa 33kV Substation for Re iated Modification Worl	placemer				
SUBSTATION SCADA NAME:				STA			
Material Code:		PO-3092000069&70/I	OSTA/N-00	0329-3-03-1	MSCMS-C-15-0001	I/C-15-57	
T-Spec Ref.	Rev.	Description in line with MSCMS		Country facturing	Supplier	Model No/ Part No	
1.5.3.1.0.01- Rev.17 - Clause 3.3.5. Reinforcement	0	Reinforcement Steel of Dia: 8, 10,12, 14, 16, 18, 20, 22, 25, 28, 30 & 32 mm BS: 500 /460GR, ASTM: 425 GR 60		mirates bu Dhabi	M/s. Emirates Steel - Abu Dhabi / Varies	Diameter 8mm to 32 mm, BS 4449 with minimum yield strength Fy= 500 N/mm2 ( Grade B 500B)	
Location of Usage:	All Stru	ctural members (substru	cture and	superstruct	ture)		
Material Used for:	Provide	e required strength to the	structural	concrete m	nembers		
Attachments:							
Remarks:							
	lieve us ument or			r any discre	epancies, errors, mis		
On Behalf of Main	Origina Name:			Name: Rar	ct Manager nakrishnan Selvaraj	j	
On Behalf of Main Contractor  Name: Tubai S  Contact No: 052-8063157  Email ID: tubaishit@Intecc.com  Name: Ramakrishnan Selvaraj  Contact No: 055-622-6306  Signature:  Po.Dou: 44357							

TRANSMISSION ENGINEERING DEPARTMENT











REV2 Dated 08/2015





#### **Facsimile Transmission**

Te.	24 (00 (2021	N. Office (C. L. Krank)	Tec.	-	O.F.	1	7
Date:	24/08/2021	No. Of Pages(Including this sheet)	Page	1	UT	2	

To:	LARSEN & TOUBRO LIMITED ECC CONSTRU	Our Ref.:	N-00329-3-03-MAF-2021-12
Fax No:	026729873		Reinforcement Steel of Dia: 8,
Attention:	Mr. Ramakrishnan Selvaraj Project Manager	Subject:	10,12, 14, 16, 18, 20, 22, 25, 28, 30 & 32 mm BS: 500 /460GR. ASTM : 425 GR 60

#### Material/Document Approval

We refer to your Transmittal Note submitted on 23/08/2021 enclosing Material / Documents associated with respective substation(s) under your above contract and give our comments / approval on the submitted material /as per attached annexure:-

Material/Doc No.	Title	Source	Sample	A.C
N-00329-3-03-MAF-2021-12	Reinforcement Steel of Dia: 8, 10,12, 14, 16, 18, 20, 22, 25, 28, 30 & 32 mm BS: 500	M/s Sohar Steel LLC, Oman	No No	CE
	/460GR. ASTM: 425 GR 60			

#### COMMENTS -

Refer as attached

- A: Approved as submitted.
- B: Approved earlier and revision noted
- C: Approved for manufacturing subject to compliance with the comments. Resubmit for records
- D: Comments as per the attached marked up copy of the drawing
- E: Comments as indicated in the TN comments sheet.
- F: Revise the drawings as per the comments and resubmit for approval.
- G: Vendor's responsibilities for compliance with the requirements of the specification and not for approval/comments.









The comments and / or approval in no way relieves the Contractor from his obligations in the Contract to ensure conformance to the Specification as well as any modifications found necessary by DEWA during installation for satisfactory commissioning and operation of Equipment / works on contract. Any deviations from the Specification found subsequent to approval are to be corrected by the Contractor to the Satisfaction of DEWA. Marked up drawing(s) as indicated in the approved codes to be collected from the office of the undersigned.

Haifa Sharif

Projects Mgr

(Signed on 25-08-2021 12:02:10)





#### **MATERIAL TRANSMITTAL SHEET**

CONTRACTOR:					CONTRACTOR REF. I	MTS-042	
L&T C	onsti	ruction	DATE: 23.08.2021				
ADDRESS: P.O.BOX 443 TEL: <b>+971 (0) 4 282 8946</b>		AI - UAE	CONTRACTOR PREVIOUS REF. NIL				
FAX: +971 (0) 4 282 6350							
To:     Dubai Electrici     P. O. Box: 564     Dubai, UAE.  Attention:     Project Manage		ter Authority					
DEWA CONTRACT NO.:		D F W	A PO No	30020	00060870		
CONTRACT NO.:  CONTRACT DESCRIPTION:	DEWAPONo. 309200069&70  Construction, Supply, Installation, Testing & Commissioning of New DSTA 132kV/33kV Substation for Replacement of existing 132kV/33kV D-Station and Associated Modification Works						
SUBSTATION SCADA NAME:			D	STA			
Material Code:		PO-3092000069&	70/DSTA/N-003	329-3-03-N	ISCMS-C-15-0001/0	C-15-57	
T-Spec Ref.	Rev.	Description in line with MSCMS	Source/ Country of Manufacturing		Supplier	Model No/ Part No	
1.5.3.1.0.01- Rev.17 - Clause 3.3.5. Reinforcement	0	Reinforcement Steel of Dia: 8, 10,12, 14, 16, 18, 20, 22, 25, 28, 30 & 32 mm  BS: 500 /460GR  ASTM: 425 GR 60	M/s Sohar Steel LLC, Oman M/s. Jindal Shadeed Iron and Steel LLC, Oman		M/S.RAK MIDDLE EAST TRADING, UAE / Varies	Diameter 8mm to 32 mm, BS 4449 with minimum yield strength Fy=500 N/mm2 (Grade B 500B)	
Location of Usage:	All Stru	ıctural members (substruct	ure and superst	ructure)			
Material Used for:	Provide	e required strength to the s	tructural concre	te member	'S		
Attachments:  Project Technical Specification  Technical Data sheets  Product catalogues  Trade License  Test Report  Previous DEWA Approvals							
Remarks:							
		be done as per specifications d responsibilities for any discr		mistakes, o	missions or deficienci		
On Behalf of Main Contractor	Origina Name:	itor Tubai S			ct Manager makrishnan Selvaraj	/	
Contractor	Contact No: 052-8063157 Co			Contact No: 055-622-6306 Signature:			

TRANSMISSION ENGINEERING DEPARTMENT











REV2 Dated 08/2015



### M/s LARSEN & TOUBRO LIMITED

PO BOX 44357, DUBAI, UAE

Attention : Mr. Ramakrishnan Selvaraj

**Project Manager** 

Project : DS-217 - Design, Supply, Construction, Installation, Testing &

Commissioning of 132/11kV Substation and Associated Cable Works

Reference: DS-217-MTS-002 dated 16/August/2021

Subject : Standard Materials List of Civil (As per MSCMS Issue 6, Rev 0) - Approval

Dear Mr. Ramakrishnan,

We refer to the subject cited above and your transmittal reference no. DS-217-MTS-002 dated 16/08/2021, please find attached our comments:

MTS No.	Document No.	Rev.	Drawing Title	Status
MTS-002	DS-217 / C / MTS - 002	0	Standard Materials List of Civil (As per MSCMS Issue 6, Rev 0)	А

This is for your information & necessary action, please.

Thanking you.

For and on behalf of Green Energy Consultancy

R. K. Jadhav Project Manager

Cc: Mr. Fathi Abdulwahed Kandil – Sr. Drainage & Irrigation Specialist; M/s Dubai Municipality.

Mr. Mohammed Rizal - Project Execution Engineer; M/s Dubai Municipality.



Organizational U	Jnit:
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#### **Drainage Projects Department**





L&T Const.	ruction	Form Sheet Title:		ıl & Eq mittal I	uipment Form	greenenen	ergy	DUBAI MUNICIPALITY
⊠For Approval	☐For Information			⊠New Submittal		□Re-s	☐Re-submittal	
☐ Mechanical			□ Electrical □ Others					
Project No.	DS - 217		Projec Title	ct	DS-217 - DESIGN, SUPPLY, CONSTRUCTION, INSTALLATION, TESTING AND COMMISSIONING OF 132/11kV DS-217 SUBSTATION AND ASSOCIATED CABLE WORKS			
Engineer	GREEN E	ENERGY CONSUL	TANCY		Design- Builder	LARSEN & TO	UBRO LI	MITED
Document No.	DS-217/N	MTS-002			Rev	0	Transm	ittal Date 15-08-2021
Material Descripti	ion	Standard Ma	terials List of	Civil (A	s per MSCM	S Issue 6, Rev 0)	)	
Manufacturer Na	me	-			Country of Or	igin -		
Local Agent		-			E-mail/Tel.	-		
Specification Refo	erence	7.01 Civil Worl	ks for 132kV		DM Vendor L Reference No			
Attachments				,				
Sample		□QA/QC Rep	orts		☐Method Sta	itement	□Tech	nnical Data
☐Previous Appro	oval	☐Commercia	License		Certification	า	Othe	npany Profile ers (specify): Sample of
□Relevant Test	Results	☐Compliance	Statement		test reports and mill certificate  MSCMS Issue 6, Rev.0  are attached. The actual will be provided at the per batch upon delivery.			ached. The actual will be ed at the per batch upon
Area of Application	on As p	er approved dra	awings and M	SCMS	standard mat	erials list of civil I	ssue 6,	Rev.0
	equiremer	t the information				(Place Stamp Here	1 3 3 3 pm	<i>\$\\\\</i>
Issued by Pro	ject Mana	ager (CONTRAC	TOR)	Signa	ature	Byr'	I	Date: 16/08/2021
Engineer's Res	ponse				DM's Respo	nse		
A: Approved	B: Approve	ed with comments	C: Revise and f	Resubmit	A: Approved	B: Approved with	comments	C: Revise and Resubmit
D: Rejected	Incomplete	e	Others		D: Rejected	Incomplete		Others
Comments:					Comments:			
· ·	vith MSC	andard materia MS Issue-6 Ro eptable.	•	)) is				
Engineer Signature:	dan		Date : 17/08/	2021	DM Signature :			Date :

الطاقة الخضراء للاستشارات **GREEN ENERGY** CONSULTANCY P.O.Box: 123338, Dubai - U.A.E.



Signature Date

## LUCKY RECYCLING CO LLC

G ALGAFRY S



LUCKY GROUP			OWNER AND	S CIVIL MATRIX
	SUBMITTAL REQUE	ST FOR APPROVAL	Rev No :	00 Rev Date: 00
PROJECT: PROPOSED OFFICE BLO PLOT#2420120 AT AL QUSAIS IN CLIENT: M/S LUCKY RECYCLING O CONSULTANT: M/S AL GAFRY CO CONTRACTOR: Civil Matrix Cor	DUSTRIAL AREA-1 IN DUBAI. CO LLC DNSULTING ARCHITECTS ENGIN		Submittal No Revision	n: 0 e: 08-02-2021
☐ Architectural	Structural	Lands	scaping	Others
☐ Electrical	Plumbing	□ A/	С	
Sr.No. D	свеліриюн	Specs., / BOQ Ref.,	Specified Make	Proposed Make / Supplier
Material submittal for r	einforcement - Emirates steel	*	-	M/s. RAK Middle East Traders LLC
Attached:	☐ Sample	☐ Catalogues		OTHERS (MS)
No. of copies attached: Reason for Non compliance ( If	2	Data Sheets	Compliance sheet Drawings	OTHERS (MS)  Design
For: Sub-Cont.	For: Contract	tor (Either	For	Consultant
Project Manager/Engineer:	Site Engineer:	Project Manager	Project Engineer	Project Manager:
Name:	Name : Mr. Raju Singh	Name : Mr. Bharat shah /Nashid	Name:	Name :
Sign :	Sign: lappingt	Sign :	Sign:	Sign:
Date:.	Date: . [4  2  202]	Date:.	Date:	Date:
For Consultant's Use  Approved	Approved wit	th Comments	☐ Not Approv	red
Consultant's Comments: New Mill Certifi Cept for Site Suppl for Site Suppl For client Use Approved	cale of each exact of reinferces with shall b		site and each bas expressed to	
Client Comments :				
For: Consultants	For: Client Project N	Manager /Engineer	For: Client QA/QC	
Name: +PAPERSH JOSHI	Name:		Name:	
Signature Suprim	Signature		Signature	
Date 14-02-2021	<u>Date</u>		Date	
For: C	lient	Distribution:		
Name:		2		

#### CLIENT



#### CONSULTANT



#### MAIN CONTRACTOR



Project name: AAAID Office Building Project, Plot No. 8132797, Al-Rowaiyah Second, Dubai.

Project No.: U00-415

Consultant: Al Khawajah Engineering Consultancy Contractor: Al Sahel Contracting Company LLC

PRE-QUALIFICATION SUBMITTAL REF NO: J257-ASCC-PQD-004-							-004-01					
Discipline	::		Mechanical			Electrical		Architect	N	Civil		1
Subcontr	Subcontractor/ Supplier : RAKMET											
Use for P	urpose: S	Substruct	ure and Supersti	ructure f	Rebar/	Use at Place:	RCC S	tructural Ele	ements			
	Specifications Reference: Vol. 2, Div. 2, Section 03200											
B.O.Q. Re	B.O.Q. Reference: Vol. No. 1, Bill No. 3 (3.7) Bill No.4 (4.4)											
Date:08/02/2021												
Manufacturer's Name:M/s. Emirates/ Hamriyah / Jindal Steel Supplier's Name: RAKMET												
Origin: UA					Su	pplier's Nam	e: RA	KMEI				
Address:					Ac	ldress:			-	-		
Phone:					Ph	one:						
Enclosure	:				- Carrier Comment	The second secon						-
□ PQD	***************************************											¥7
Contracto	r's Note	s:										
						-						
Prepared	By: AHN	MED HASS	AN	Signat	ure:	Date:						
Received	bγ:			Signat	ure:	e: Dat			ate:			
Engineer's	Comm	ents:										
			ply rebar ste	el from	RAK	MET, subje	ect to	complian	ce wit	h the p	roject	
speci	fication	ns									_	
					-		-					
Submittal	reviewe	ed by:										$\dashv$
Signature:	-	/-										$\dashv$
□ Approved							Rev	ise & Resub	mit			$\neg$
	Approv	ed as No	ted		-		Reje	ected				
Resident E	ngineer	Kamal	Rustami	1		Received by	Cont	ractor:		-		$\neg$
Signature:		22 02 2	021			Signature:			*****			$\neg$
Date:						Date:	de	CAUEL CON	TOAP	TING CC	TTC	

2 2 EER 277

RECEIVED



#### PROPOSED SHOPPING CENTER & **RESIDENTIAL BLDG.** (3B+G+M+4+2R)

FOR: M/S EMIRATES **CO-OPERATIVE SOCIETY** Plot No.: (214-875) @ Al Garhoud, Dubai, UAE



MATERIAL APPROVAL SUBMITTAL J258-ART-2019-05-MA-026								
To: M/s. ART Consultants:  Please find attached the following Material Submittal for your approval/comments:								
Discipline: Civil/Structural Architectural Electrical 64 MAR 2021								
	Mechanical Plumbing		Others	DEPEN/E				
Material Details:		List of En	closures:	The latest the second to be a second				
Item Description	Rebars (fy = 460 N/ Sqmm) - U.A.E Origin		Vendor's To	echnical Literature				
Specs Reference	Section - 4 : Concrete Works		Compliance	e Statement				
BOQ Reference	Not Available		Campariso	n Sheets				
Drg. Reference	S0-01 Rev 0		Previous Te	est Results				
Material Specified	Rebars (fy = 460 N/ Sqmm)		e Related Specs & Other ocuments					
Material Proposed	Rebars (fy = 460 N/ Sqmm)		Samples					
Manufacturer/ Local Supplier	M/s. RAK Middle East Traders LLC	List of Proje Others	of Projects Done ers					
Submitted by: K/	ARIM SOLIMAN Signature:		Date	e: 01.03.2021				
ART CONSOLIAI		ments	☐ Not /	Approved, Resubmit				
AN								
CLIENT'S COMM				<i>31.21</i>				
Approved Approved with Comments Not Approved Resubmit  O 1 MAR 2021  RECEIVED								



# PROPOSED SHOPPING CENTER & RESIDENTIAL BLDG. (3B+G+M+4+2R)

FOR: M/S EMIRATES
CO-OPERATIVE SOCIETY





	•	
PREQUALIFICATION OF THE PREQUEST OF THE PREQUALIFICATION OF THE PRESENT	ON SUBMITTAL	J258-ART-2019-05-PS-012
To M/S. ART CONSUL	TANTS	
Please review our prequa		
Discipline:	√ Civil/Structural Architectural Plumbir	
Type of Submittal:		al Data Calculations
Purpose of Submitta	al: √ For Approval For Info	ormation
Details of Submittal	l:	
Description:	Cut & Bend Rebar Supplier (Origin : UAE)	AL SAHEL CONTRACTING CO. L.L.C.
Vendor:	M/s. RAK Middle East Traders LLC	11 FEB 2021
Location:	All Concrete Works	DESENTED !
Specification Ref.:	Section -4 Concrete works.	MEGETTE
Submitted By: KARIM 과	SOLIMAN Signature:	<b>Date:</b> 11.02.2021
ART CONSULTANTS	S' COMMENTS:	ART CONSULTANTS
	Approved	1 1 FEB 2021
		RECEIVED
	Not Approved, Re-Submit	The Color of the C
<u>Comments:</u>	only UAE steel to be	used.
÷	the Rendem test for the material chase	abmits approved and
	follow the Project Reifications and at	
	hadi Absam Signature: AB	Date: 11-2-21
Confirmed by:	M. Z. Signature: 55	Date:! 12.1.2.1 .
	onsidered as a reason of claim of any type unless it is issued v n E.I. if he considers that ART comments contain financial or to	



## PROPOSED SHOPPING CENTER & RESIDENTIAL BLDG. (3B+G+M+4+2R)

FOR: M/S EMIRATES
CO-OPERATIVE SOCIETY

Plot No.: (214-875) @ Al Garhoud, Dubai, UAE



PREQUALIFICATION OF THE PREQUA	ON SUBMITTAL	J258-ART-2019-05-PS-038 REV. 01				
To M/S. ART CONSUL	TANTS					
Please review our prequ						
Discipline:		chitectural Electrical Umbing Others				
Type of Submittal:		chnical Data Calculations				
Purpose of Submitte		r Information				
Details of Submittal	:					
Description:	Cut & Bend Rebar Supplier (Origin : UA	placement SUA approximation of evidence and explosion about the proper for evidence of the place of the evidence of the place of the evidence				
Vendor:	M/s. RAK Middle East Traders LLC	ART CONSULTANTS				
Location:	All Concrete Works	1 JUL 2021				
Specification Ref.:	Section -4 Concrete works.	Time: By				
Submitted By: KARIM  ART CONSULTANTS		AL SAHEL CONTRACTING CO. L.L.C.				
	Approved Approved with Comments Not Approved, Re-Submit	O JUL 2321				
Comments:		The property of the control of the c				
Mo objection to Proceed in apply  My Steel if the Sense Made in UAE  ful toke done for the Solind steel of side  Reviewed by: Aland Signature: Aland Date: 3/7/21						
	Signature:	Date: 3/4/21.				
	nsidered as a reason of claim of any type unless it is iss E.I. if he considers that ART comments contain financia					







		MATERIAL S	UBMI	TTAL	MAI	MAT JUNETRAH LIVING
PROJECT NAME: JH-0017	MADINAT JUMEI	RAH LIVING - S	ALES (	CLUSTER PH	ASE 3A	Green Area Break Areas Areas
CLIENT	CLIEN	T REP CON	NCEPT (	CONSULTANT	DESIGN & CONSUL	BUILD D & B MAIN TANT CONTRACTOR
MJL	NORT	H /5		CHITECTS IATIONAL	NEX <sup>*</sup> ENGINEE	CONTRACTING
DATE		1				REF NO material
10/10/202		Materia	ıl Sub	mittal	J260	P-ASCC-CIV-MAT-061
	Reference	CTINGCOLLC		Attach	ments	Material GR
Specification		B.O.Q		(x) As pericont		UT9
	URECE	HAM.		Engineeri	All the second s	Cut & Bend Reinforcement by M/s RAKMET
For purpos	The second secon	At place	MA	0	20211	a) Emirates  Steel (UAE)
Reinforceme	nt	As per drawii	ngs	PPR	OVEL	b) Hamriya Steel (UAE) c) Jindal Steel (Oman)
Reason		Material		Subcontract	or/Supplier	Manufacturing/Local Agent
Supply & Delive	егу	Reinforceme	ent	RAKI		Emirates Steel, Hamriya Steel & Jindal Steel
Con	sultant's receipt	Approval r		/	Contractor's	
ONDEM	date & sign  AL SAHEL CONTRA	ACTING CO. L.L.C.		by (d	ate)	stamp & sign
R Campage	AL SAREL CONTRO	ACTING GO. E.L.O.		90	14 1. 1	30000
The state of the s	14 OC	2021	For	consultant's	use	
Com Approved	SUBM		App	oroved o comments		Revised & Resubmit
Engineers Comments		SIGN.:	-	• • •		
(i) DCC	- CONFOR	M TY	2	CARR	f C	ntification
ava	clasif	ROSL	BL	L(3)	PROP	0860
	FL IND					
(2) S VBI		To R		10/7	SAV	ng CfT
Tond				56ND		6B6ND CO17.
	160116				FOR	6004
	Lorigico	USM6 Ter				
BA		My ob De.	0 -	720	c c	supelos
(3) Dec	080	1 VORUS		(A)	U	ncc
W	rong R	Muz.	- PV	AGD		77
						proun
Sign & date 2	(4)	STRIFE	-1	To so so	So	m 10 0 007 0
(Consultant / Client Represen	tative) Of	Bor	1	13 pm cr	-	MOT ORENT













PROJECT:DH-0036 Beach Front Tower at Jumeirah Beach Residences ("JBR") Plot no.3920529, Dubai,U.A.E

CLIENT REP.	CONSULTANT	CONTRACTOR
NORTH25 DEVELOPMENT LLC.	NEXT ENGINEERING CONSULTANTS	AL SAHEL CONTRACTING CO. LLC.

	1					
REF NO	MATERIAL SUBMITTAL			DATE	Submittal Stamp (Contractor)	
J256-ASCC-CIV-MAT-169-00	CIVIL				11-Jul-21	
	,					
Material	Attachm				erence	
	Brochure	√ .	B.O.	<b>a</b> ,	Specifications	
	Technical Data	<b>V</b>			Volume 3 Division 3	
	Test Reports	√	_		Section 032000	
	Certificates	√			Use	
Steel Reinforcement for	Compliance	1				
Concrete Works-Bs	Statement	1.9%	At pla	ce	For purpose	
4449:2005 Gr.B 500B						Submittal Stamp (Sub-Contractor)
(8Mm To 32Mm Diameter)					1	
			Substruc	ture &	Reinforcement works	A I
1			Super str		for all concrete works	
			0.000 <b>F</b> 3000 00			1.
Subcontractor / Manufacturer /	Specif	ind		Altomot	ive Proposal	
Local Agent	Mater		Mater		Reason	
MANUFACTURER: HAMRIYAH	iviator	iai	iviate	iai	reason	ıl i
AND QATAR STEEL (BOTH UAE						4
ORGIN).			ł			
SUPPLIER: M/s RAKMET						1
Contractor's	[10.10 mm 4.5 cm (2.5 cm) (2.5 mm 2.5 cm) (2.5				ant's Receipt	i l
Stamp & Sign	by ( Da	te)	Date		e & Sign	l l
						Baselund Starra (Sarra Nama)
						Received Stamp (Consultant)
	For	Consultant's	use			
Approved		Approved			Rejected	ı
	Sut	ject to Comm	ents			
1 Material complied with preject of						
Material complied with project s     DCD certificate to be provided	specification			-0		1
3- All Authority certificates to be up	ndated during projec	t period				Reply Stamp (Consultant)
4- Random samples to be taken from			d test as per	authority	regulation	Reply Stamp (Consultant)
•						
5- Contractor to follow approved C	HSE plan and author	ority standards				
6- Material to be in proper and safe	e storage as per ma	nufacturer's rec	commendation	1		
7- DCL/Quality Mark to be provide	d in every batch del	ievered to site.			V.	Received Stamp & Sign
						(Contractor)
Date:		Eng Avms	an Masood, I	Pacidan	Engineer	1
Date.		Ling. Ayina	an iviasood, i	Colucii	Ligitieei	
		Sign & Stamp	o)		( Consultant )	
Note: Approval without which					*	
More: Approval Without Which	n payment may n	or ne release	:u			

1 3 JUL 2021









PROJECT: DH-0036 - BEACH FRONT TOWER AT JBR (LA VIE) ON PLOT NO. 3920529, DUBAI, UAE								
CLIENT REP.		С	ONSULTANT	•	CONTRACTOR			
NORTH25 DEVELOPMI	NEXT ENGINEERING CONSULTANTS AI				L SAHEL CONTRACTING CO. LLC.			
	 1				·			
REF. NO.	SUBC	ONTRACTO	OR / SUPP	I IFR SUB	ΙΔΤΤΙΜ		DATE	
J256/ASCC/CIV/PQD/025	256/ASCC/CIV/PQD/025 SUBCONTRACTOR / SUPPLIER SUBMITTAL							
Supplier / Subcontractor		hments	D.6		ference		Submittal Stamp	
	PQD	√ 	B.C	).Q	Specifi	cations	(Contractor)	
			-		Section:880	000& 84413		
					Use			
Cut & Bend			At p		For pu			
Subcontractor/Supplier For			Sub structu		Reinforcemen			
Steel Reinforcement M/S.Rak Met			struc	clure	concret	e works	Submittal Stamp	
W/S.Rak Wet	Manufacture	r / Local Agent		Alternat	ive proposal		(Sub-Contractor)	
			Mate	erial	Rea	ison		
	SOHAR STE	EL/RAK MET				-		
				0 11				
Contractor's Stamp & Sign		Requested date )			ant's Receipt e & Sign			
Starrip & Sign	by (	uale )		Date	e & Sigii			
JIMMY DIAMANTE							Descived Otems	
PROJECT MANAGER (SR.)							Received Stamp (Consultant)	
	Fo	or Consultant's u	ise					
Approved Approved Rejected								
subject to comments								
1- Contractor to comply with proje	ect specification a	and other relevant	standards					
1,7 1,7	•							
2- Contractor to ensure all plant e	quipments calibr	ation certificates to	be provided and	renewed during	project execution p	eriod		
3- Contractor to follow approved (	QHSE plan and a	authorities regulation	ons					
4- Contractor to submit material s	submittal for Eng	ineer approval					Reply Stamp (Consultant)	
5- Contractor to ensure steel sup	plier from one so	ource only						
6- Valid Dubai Trade License to b								
7- Contractor to ensure quality ma		very steel hatch						
7 Contractor to oriotro quality me	and Bot tag in or	ory otoor battori						
							Received Stamp & Sign	
							(Contractor)	
							(	
Sign upon Fixing ( Project Engineer )	( F	Sign & Stamp P Representativ	ve)		Sign & Date ( Consultant )			
Note: Approval without which	· · · · · · · · · · · · · · · · · · ·	•	,	!	(			
Hoto. Approval Without Willo	payment III	ay 1101 DE 161643	, cu					













PROJECT:DH-0036 Beach Front Tower at Jumeirah Beach Residences ("JBR") Plot no.3920529, Dubai,U.A.E.

CLIENT REP.	CONSULTANT	CONTRACTOR
NORTH25 DEVELOPMENT LLC.	NEXT ENGINEERING CONSULTANTS	AL SAHEL CONTRACTING CO. LLC.

REF NO	MATERIAL SUBMITTAL		DATE	Submittal Stamp (Contractor)		
J256-ASCC-CIV-MAT-067-00	1		13-Mar-21			
J256-ASCC-CIV-WA1-067-00	CIVIL				13-War-21	
Matarial			favoras			
Material	Attachm	lents √	B.O.		ference Specifications	
	Brochure	· ·	J. 0.		· ·	
	Technical Data	√ √	· -		Volume 3 Division 3 Section 032000	
OtI Deinforcement for	Test Reports Certificates	√ √	<del>                                     </del>		Use	
Steel Reinforcement for Concrete Works-Bs		v	At pla		For purpose	
4449:2005 Gr.B 500B(8Mm		<del>                                     </del>	/ π ρ.ο	100	1 or parpose	Submittal Stamp (Sub-Contractor)
To 32Mm Diameter) Sohar		<u> </u>	1			Submittal Stamp (Sub Sontasto.)
Steel-Oman			Substruc	sturo 8	Reinforcement works	
0.000.			Super str		for all concrete works	
			oupo. c	uota. o	Tor all correcte were	
Subcontractor / Manufacturer /	Specif	ied	<del>                                     </del>	Alternat	<u>I</u> ive Proposal	
Local Agent	Mater		Mate		Reason	
MANUFACTURER: SOHAR	-					
STEEL,OMAN. SUPPLIER:						
RAKMET						
Contractor's	Approval Re				ant's Receipt	
Stamp & Sign	by ( Da	ite)	<u> </u>	Date & Sign		
						Received Stamp (Consultant)
						, ,
Approved	Foi	r Consultant's	use		Daigated	
Approved	Sut	Approved oject to Comm	ents		Rejected	
		7,000 10 0011	CITO	<u> </u>		
1- Material to comply with project sp	ecification					
2- DCL and DCD certificate						
<ul><li>3- All Authority certificates to be upda</li><li>4- Random samples to be taken from</li></ul>						Reply Stamp (Consultant)
5- Contractor to follow approved QHS						
6- All test certificates to be provided	JE plan and dans,	otanian co				
						Received Stamp & Sign
						(Contractor)
Date:		Eng. Ayma	ın Masood, F	Resident	t Engineer	
	,	Cian O Ctamr		1	(Canaultant)	
		Sign & Stamp			( Consultant )	
Note: Approval without which	payment may no	ot be released	d			



مصرف الإمارات العربية المتحدة المركزي CENTRAL BANK OF THE U.A.E.







	Request for Approval of Materials (MAR)								
PROJE	CT	: Renova	ation, Refurbish	ment and Fi		Central Bank HQ	Abu Dhabi		
CONSI	JLTANT	: Archite	cture & Plannin	g Group	Request No.	MAR-ST-000	2-01		
CONTR	RACTOR	: Al Taye	Stocks		Revision	: <b>01</b>			
MEP-C	ONTRACTOR	: Zener S	teward Electrome	chanical	Submittal Date	: 10/01/2021			
	Architecture	Stru	cture	Electric	al	HVAC			
	Plumbing	Fire	Fighting	Others	:				
S/N		Description		Ref. Spec /	BOQ / Drwg.	Specified Make	Proposed Make		
01	Steel Rebar Mil	II Certificates				Emirates Steel	Emirates Steel		
Manuf	acturer (Name	& Address): Er	nirates (UAE) Ste	<mark>eel Rebars, l</mark>	Jnited Arab E	mirates			
Subco	ntractor/ Supp	lier (Name & A	ddress): - RAK N	∕liddle East ٦	raders LLC	P.O. Box 5647, Du	ıbai, UAE		
Attach	ed: Sam	nple C	atalogues	Compliance	Statement	Others: Com	parison Sheet		
Reasor	n for change (if an	y):							
Fo	r Sub-Contracto	r	For Main Cont	ractor		O 15 1			
	Gulf Piling LLC	10.01.2021		· 	10.01.2021	Jain Small	10.01.2021		
F	Project Manager	Date	Technical Mar		Date	Project Manage	er Date		
Neither the Client's Representatives approval nor his failure to give such approval shall in any way relieve the Contractor of his obligations and liabilities under the contract; and it shall not constitute an authorization for any increase in the contract price or contract time.    A-Approved   B-Approved As Noted   C-Revise and Resubmit   D-Rejected									
СОММ	COMMENTS								
		Diagea D	Mar Camman	de on Attach	sahad David				
		r rease N	efer Commen	ns on Atta	icned Kevi	lew Sheet			
Re	ceived by the Co	ontractor	4DC	عة العمارة والتخطيط	, gasa >	For C	onsultant		
			ZIPG	RCHITECTURE & PLANNING Project: AD-466 Central Bank H	Mar Mar	wan Elsabagh	13.01.2021		
	Signature & I	Date				Signati	ure & Date		
FOR C	LIENT'S USE  Approved  IENTS:	Арр	proved with Con	nments	Revised	and Resubmit	Rejected		
						For C	lient		
						Signati	ure & Date		



#### The Engineer

HEAD OFFICE: Dubai, U.A.E. - P.O. Box 810 Tel. 04-302498 Fax: 04-3024888 www.algurg.net

#### The Contractor

مجموعة «خالاحت للمقاولات Binladin Contracting Group



#### ENOC Filling Station Site 1153 on Plot No. 2813/A at Al Mustawdaat, Sharjah, UAE

Mator	ial Submittal	Ref. No.	MTS-STR-001		
Mater	lai Subillittai	Rev. No.	00		
Originator of the Submittal:	RAK Middle East Traders LLC	Date:	22/03/2021		
Authorized Signature:		Req'd. By:	, .		
	MATERIAL DETAILS	-	LIST OF ENCLOSURE		
			(Tick the Related Box)		
Item Description	Reinforcement Steel		Compliance Statement		
Category	Architectural		✓ Company Profile		
			✓ Trade/Commercial License		
Location/Use	Sub-structure and super-structure for all build	lings	✓ Technical Data Sheet		
Specs. Reference	vol. 5 - Structural Specification - Section E30		✓ Test Report		
BOQ Reference			Method Stement  ISO Certifiction		
DWG. Reference		5	List of Projects Executed		
Material Specified	Reinforcement Steel	-	✓ Catalogue & Data Sheet		
	Same Same	racting	Certificate of Conformity		
Material Proposed	Same	O TOUR	☐ Warranty Certificate		
and the second	2 7 14	AY 2021	✓ Copy of Relevant Test Certificates/Reports		
	2.71		Specification Compliance		
Manufacturer/Local Supplier	RAK Middle East Traders LLC	EIVED	✓ Test Certificate		
	RAK Middle East Traders LLC	tation Project	List of Proposed Items  Photograph of Sample		
Reason for Alternative			- Sample		
Remarks			Otters (The land		
Main Contractor Statement: We certify that hereabove.	the material submitted herewith has been reviewed in details and in com	pliance with the contr	act drawings and specifications except as otherwise stated		
Main Contractor: Binladin Co	ontractina Group	Received by :	AL GURG CONSULTANTS		
. 71	BINLADIN CONTRACTING GROUP		FOR STATE ASSESSED.		
Signature:  Al Gurg Consultant Resident E	JAC THOMAS	ature & Date: By:_	11:42 MI IDEN		
	ngmeer's Comments.		APP - Approved		
No objection	be taken at site to sub	nurl.	AAN - Approved As Noted		
Len test	Sesult		RR - Revise, Resubmit		
MiR to	be Submited. 1	~	☐ IR - Incomplete, Resubmit ☐ NA - Not Approved		
	Shim		MA - Not Approved		
Al Gurg Consultant Resident E	ngineer's Signature:	Date:			
Client Comments:			APP - Approved		
			AAN - Approved As Noted		
			RR - Revise, Resubmit		
			NA - Not Approved		
Client Representative Name &		Date:			
	als during this review do not relieve the contractor from compliance with t and general compliance with the information given in the contract document		nt and specifications. This check is only for review of general		







T Z O O I Amei	rican University of Sharjah	architectural engine	coring	Biniadir Contrac				
		MATERIAL	SUBMITTAL					
Project:	RENOVATION OF ENGI (EB1) AMERICAN UNIV	NEERING BUILDING 01 ERSITY OF SHARJAH	Ref. No:	BCG/MS/CIV/012	Rev. 0			
Project No:	2721 - American Univ	ersity of Sharjah	Date:	15/04	/2021			
Contractor:	Binladin Contracting	Group						
From:	BCG Supplier Name: M	/s. RAK MET	To:	To: ARCHCORP				
Specs. Ref.	As attached		Drawing R	Drawing Ref.				
☐ Sample	Compliance Sta	atement	Original Bro	chure	rs (Specify)			
Description /	Usage: MA	ATERIAL SUBMITTA	L FOR STEEL RE	BAR				
Proposed Mai	nufacture / Supplier: M	/s. RAKMET	Delivery So	chedule :				
County of Orig	gin : UAE		Expected [	Date of Delivery on Site	:			
	Representative: N	1/s. RAK MIDDLE East	Traders LLC, U	AE				
DISCIPLINE  Civil	Structural	☐ Architectural		Electrical	Mechanical			
Other (Sp				A CONTRACTOR OF THE STATE OF TH				
M Approval		Information/Records		ners (Specify)				
	R CERTIFICATION / COM			Iternative to the specified	Documents, but			
	y that the Submitted Docu			s/superseded with the inte				
Complies	with Specification			ations at no additional co				
FOR CONTRA	CTOR Rajace Mansdup: A	CA 424	RECEIVED	BY CONSULTANTICOT	NIEIU b			
Signature: 4	NLADIN CONTRACTI  Project (مورية كالمريكية بالفراد والمريكية بالمريكية بالمريكية بالمريكية بالمريكية بالمريكية والمريكية بالمريكية بالمريكية بالمريكية والمريكية	المجتبي الهلام	Stamp: Signature: Date:	18 APR	M1 830			
ENGINEER CO	DMMENTS:	_			700			
Greetings,								
1- Through o 2- All the san 3- Mill certific 4-Renewal o	ut the project life cycle onl nple bars should be taken cate to be attached with ev f all the authority certificate	submittal based on the followay one source will be considered from the site for the test of the test of the delivery and duly signet is required with in time. The project specifications	dered for the support of material.	oly of the steel.	ntative.			
				REVIEWEL By waqas.mans	) soor at 8:43 am, May 10, 2021			
				Contraction				
☐ Approve	d	Revis	e & Resubmit	in a constant in the constant	rmation			
Approve	d with Comments	□Rejecte			OU D			
CONSULTANT	[		CONTRAC	OR 1 0 MAY 202	1			
Resident Engir	neer:		Received b		ll or			
Date: 10-05-2			Date:	RECOIVED	\$///0=15			
Checking and app	proval by the Engineer shall not	relieve the Contractor from his o	bligations to perform	the workin accordence with the	e Contract Documents,			
requirement of S	afety, and Local Authorities' reg	uiauul i5.	<u> </u>	Strong Engineering By				





MAIN CONTRACTOR & SUB-CONTRACTOR: Binladin Contracting Group



### ENOC Filling Station Site 1133 on Plot No. 407 at Al Ramtha, Sharjah-UAE

MATERIAL SUBMITTAL								
FOR APPROVAL	NEW SUBMITTA	L		SUBMITTAL REF : ENOC-MTS-STR-010		-MTS-STR-010		
FOR INFORMATION / RECORD	RE-SUBMITTAL		REVISION NO : <u>00</u> SUBMITTAL DATE: 06-June-2021					
Details of Submittal:	May 1	SPRES	CODITITIVE					
DESCRIPTION	Reinforcement	Steel Bo	ar		diadin	Contracting Grays		
NAME & ADDRESS OF MANUFACTURER	M/s. Emirates /	Hamriy	amriyah / Jindal Steel			A Company of the Comp		
LOCAL AGENT	M/s. RAK Middle East Traders L.L.C					1 5 JUN CHEL		
SPECIFICATION REFERENCE	Section 4 – Concrete Works (copy attached)  Bill Section D (copy attached)  EMAILED  Section D (copy attached)							
BOQ REFERENCE	Bill Section D (copy attached)				les.	Ming Station Project		
DRAWING REFERENCE		ت	مجموعة بن لادن للمقاولات					
TECHNICAL LITERATURE	Attached		BINLADIN CONTRACTING GROUP					
SAMPLES	4	,	P.O. Box 2014, Sharjah مشروع محطة ايفوك لتعبية الوقود (١١٣٣)					
FOR CONTRACTOR: Project Manager (Eng. Mohammad Aladwan)			ENOC Filling Station Project 1132 Date: 06-June-2021					
Received By: 0 0 111N 3:4:4	ess	Dagaiya	d Dun	Receipt Stamp	(Contractor)			
Signature:	Received By: Signature:							
Date:		Date:						
CONSULTANT:		CLIENT/AUTHORITY: (ENOC / RTA / DM / DEWA)						
APPROVED APPROVED AS NOTED			APPROVED AS NOTED					
REVISE & RESUBMIT REJECTED	REVISE & RESUBMIT REJECTED							
Comments:		Comme	<u>∍nts:</u>					
* Refer the Athae Sheet for co	mments.	For Clier	nt/Authority	:				
Authorized Name: Eng. Abdallah Kanaan Dignature : 16 06: 21	Authorized Name:Date:							
10.00	signature . 16.06							





MAIN CONTRACTOR & SUB-CONTRACTOR: Binladin Contracting Group



## ENOC Filling Station Site 1153 on Plot No. 2813/A at Al Mustawdaat, Sharjah, UAE

MATERIAL SUBMITTAL								
FOR APPROVAL FOR INFORMATION / RECORD  Details of Submittal:	NEW SUBMITTAL	L	SUBMITTAL REF: ENOC-MTS-STR-013 REVISION NO: <u>00</u> SUBMITTAL DATE: 06-June-2021					
Details of Submittal.			Lin Contracting					
DESCRIPTION  NAME & ADDRESS OF MANUFACTURER LOCAL AGENT  SPECIFICATION REFERENCE  BOQ REFERENCE  DRAWING REFERENCE  TECHNICAL LITERATURE  SAMPLES  FOR CONTRACTOR: Project Manager (Eng. Mahammad Ala Received By Signature:  C 9 JUN 2021	M/s. RAK Middle Section 4 – Cor Bill Section D (co	Hamriyah / Jind e East Traders L. acrete Works (co copy attached) المعقاولات BINLADIN CO P.O. Bo	Adl Steel L.C  Depy attached)  DNTRACTING GROUP  A 2014, Sharjah  المسروع محطة إينوك لتعبنة ال	Date: 06-June-2021				
Date:	BA.	Date:						
CONSULTANT	CLIENT/AUTHORITY: (ENOC / RTA / DM / DEWA)							
APPROVED APPROV	APPROVED APPROVED AS NOTED  REVISE & RESUBMIT REJECTED							
Comments:  Refer the Attached Sheet for comments	ments.  Trispot	Comments:  For Client/Authorit	v·					
For Consultant:  Authorized Name: Eng. Abdallah Kanaan Signature:	Authorized Name Signature		Date:					

		PROJEC	T NUMBER RE	X #(213280004	2 - A				
SUPPLY,		TROOLC	i itombbit. Kt	CONTRACTOR AND DESCRIPTION OF THE PROPERTY OF	THE ACCUMULATION SHOWS THE SECOND	G/MS/004			
,		MAT	AL SUBMISSION						
SUPPLY, IN	SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF GLASS REINFORCED EPOXY WATER TRANSMISSION PIPELINES AND ASSOCIATED WORKS AT VARIOUS LOCATIONS IN EMIRATE OF DUBAI.								
	Client			Consultant	<u> </u>	Contractor			
DUBAI ELECTRI	CITY & WATER A	UTHORITY.	N J S Consultant			تجامعة خالادت المقاولات Binladin Contracting Group			
P.O.BOX 564	I		P.O. BOX 95635	æ N	IJS P.O.BOX 1	•			
DUBAI U.A.E.	15	ewa 🔾	DUBAI - U.A.E		DUBAI - U				
MATERIAL SUBI	MITTAL NO:	BCG/MS/004	BOQ Ref.No :	BQ-9j	DATE:	7/1/2021			
Schedule of Con	aponents No :	Not Specified	RIVISION NO:	Drawing Ref.No: PEWC/STD/TM/003		ion Ref.No : 4.29			
Material Descrip	otion	Steel for the Reinfe	orcement of Concrete	. D	EWA-EW-MA	Γ-13110-2021			
Size & Quantity		dia 10mm, 12mm,	16mm, 20mm, 25mm	n & 32mm	17.01.2021				
Area of Applicat	ion	Chambers , lhu	stblocks or	nd Concrete	encourment				
Manufacture Na	me&Address	Hamriyah Steel FZ	C (PO BOX 42142, Sh	otro-					
Country of Origi	n	UAE		adin Contracti	80				
Supplier Name &	Address	RAK MIDDLE EAST	LLC (PO BOX 6578	Eas AL Khaimah, UAI	E) JOHN S				
Contractor Signa	ature & Seal	Collec	m	Contrall	on Lines				
	<u>en</u>	CLOSURES:		83,20nn	CONSULTANT COMME	NTS:			
1. BOQ PAGES	l	8. ISO&OTHER C	ERTIFICATES	OO73 - DEWA	s from sela	shall be attached			
2. SPECIFICAT	TON PAGES	9. WARRANTY CE	RTIFICATE	Par Testa	ry in approved (	es as per Spec.			
3. TENDER DR	AWINGS	10. COMPANY PR	OFILE	& Stendar	H. Rohedule.	shall be athehe			
4. COMPLIANC	CE STATEMENT	11. ORIGINAL CA	TALOGUE	4) Barbers	& poop drawy	approved -			
				3) other Co	mmento refer	the attached			
5. TECHNICAL  6. SHOP DRAW		12. PREVIOUS AP		Searling St. 3	W L				
- 0. Shor Blake		13. PAST SUPPLY	RECORDS	S. N.	3	16/1/2011			
7, TEST REPOR		14. SAMPLES A(WD) COMMENTS:	\ 	SEAL & SIGNATURE:  COLTD (DUBAI BR DEWA(WD) COMMENTS:					
	APPROVED			1. size and Qty sha	all be as per the appro	ved layout shop drawin			
ı 🗷 🥖		H COMMENTS AS N	OTED	by DEWA enginee					
	REVISE & RESU			2. refer to the attached sheet for further comments					
2000	NOT APPROVED	MODIFICATIONS - REJECTED							
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				Si S	) }				
				//www.mg	-Material	DATE:			
					obligations under the Con e submitted at the time of c				
	Trust .	T		4					
SIGNATURE	19/01/2021			Eng. Material		SM-EW			
DATE				EngMaterial 18-01-2021	20.01.2021	1/			
DESIGNATION	Project Engineer	Manager/Engineer SCADA & IC	Manager/Engineer- Electrical & Mech	Manager/Engineer- Materials	Manager - Projects	SM- P & E (W)			

Copy Circulation: DMS / Project File / Material File / Project Engineer / Consultant / Contractor

TECRFX21MATAPSUBMS

REV 01



lmagine it. Delivered

DX	Contracting
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# **Material and Equipment Submittal Transmittal** Q3ME-371-FM2

Business Bay Phase 1 & 2	Business Bay Phase 1 & 2 Project No. DH-0022								
DX Contracting LLC	Submittal no.	PR020-DH-00	PR020-DH-0022-DXC-MAT.S-017						
22-Feb-21	Revision	0	67830						
	DX Contracting LLC		DX Contracting LLC Submittal no. PR020-DH-00						

Material description

Epoxy Coated Steel Bar For Reinforcement (up to 32)mm

Signature

	Location / Use	Manufacturer / Subs			
Location	Business Bay Project Area	Manufacturer	EMIRATES STEEL (UAE) /HAMRIYAH STEEL (UAE) / JINDAL STEEL (OMAN) STEEL REBARS		
Use	General	Sub/Supp	RAK Middle East Traders LLC		

Material submitted is in accordance with the approved manufacturer outlined in the specifications, and in accordance with the contract drawings.

Contractor

Roshdy Ashour

Name

ontracting

**Business Bay Phase** Construction of Service and Access Roads

22-Feb-21

Date

Received by AECOM

AECOM Middle East Ltd PROJ. NO. : 60569062 PROJECT NAME: Bubai Harbour Distn. Info. CM RE ARE HSE QS CI MI LS DC CM:



NORTH-25





DUMA PROPERTIES		ALCON!	Delivered.	DA contracting
	*			
AECOM review comme	ents			
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Review Status				Pagalistan Stame
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☐ Status 'C' - Revise				
☐ Status 'D' - Rejecte		terry 1000 de la little como in como como como como como como como com		
	be reviewed by AECOM			
Other	^ /			
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Review completed by	Consultant //	. / /		
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Signature				
Date		<b>4</b> /		
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Panahand bank bu Caus	6//2/01			
Received back by Cont	ractor / MIDI			
Roshdy Ashor	- J WA!			
Name	Signature	The second secon		Date
	:			







# No.HSC/311/C/MT/013 MATERIAL TRANSMITTAL Date: 30-08-202 Project Information: Residential & Commercial Building (B+G+5+R) Dubai on Plot No.JVC13PMRA006"Chaimma Avenue 2" Project: Employer: CHAIMAA HOLDING LIMITED Consultant: **DATUM Engineering Consultants** Contractor: HIGH STAR CONTRACTING LLC 1-Subject & Description: PRE-QUALIFICATION AND MATERIAL SUBMITTAL FOR HAMRIYAH REINFORCEMENT STEEL 2- Type of Submittal: ☐ Sample ✓ Test Results ✓ Data Sheet Catalogue ✓ Certificate 3-Manufacturer/Supplier: Company Name: M/s Hamriyah Steel FZE/Rak Middle East Traders LLC Country of Origin: U.A.E. Local Agent: Time for Delivery: 4-Compliance With Specifications: Specifications reference Drawings reference Proposed Submittal Remarks We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely. Received by Consultant: Contractor: 30/8/2021 Date: Date: 30-08-2021 3-Consultant's Response 1. All works & used m Approved Approved as noted Resubmit as noted Rejected Received by Contractor: Consultant:

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract
Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.

Date:

31/8/2021

Date:





Submission Date\_\_\_\_

MATERIAL APPROVAL REQUEST FORM (MARF) -09

DATE:	IVIATERIAL	APPRO	VAL REQU	EST FORIVI			
	PLOT NO.		LOCATION		PROJECT		
MAIN COL	12021 PLOT NO. 2 44-041	1	Monais	mh 3	6	+1 Villa	
- Total Cop	VIRACTOR		SUB-CONTRACTOR	1010	ISSUE	RVICE BLOCK	
AF	pproval for the following:		Andrew Control		26	KMCE ISCORY	
Request A	pproval for the following	LLC	The sec				
ARC)	HITECTURAL CIVIL/STRUCT	URAL   1	WATER PROOFING	MEP SERVICES		OTHERS	
Material D			NI	Location to be used:			
No.	Materials	Man	ufacturer Name &	Supplier Name &	Address	Applicator	
		1000000	Address				
+	Steel	Emi	vales (	RAK MIDD	LE		
		(	Stepl ( VAE )	EAST TRAS	DERS	1	
			,,,,,		LLC	1	
* Brochure/	to this submittal :		* Technical Data			TD?	
* Sample	Catalogue	-14	* Previous Test 0			THE STATE OF THE S	
	urer's Guarantee		* Alternative Proposal				
* Method St		- 17	* Compliance Ce				
- Marianes	cation Documents			s License/others	الهندسية	- of the Working	
	that the materials submitted herew	ith have been r			MAP With	the contract drawings and	
	ns except as otherwise stated.					B 2021	
Submitted By	y: Signatury & Company Stamp		Signature an	d Date of Receipt of th	e Consultant		
By.	* P.O. Box: 85237 DUBAI - U.A.E.					EIVED	
Consultants E	Engineer's Comment WTRACTIV	. 1-	-1- 1/11A	+1 01 -1	. 1 . 2	1 5 . 2 /2 /5 . 2 2	
Noc	objection for En	urales	SLeer CV4	t) as a bi	aekuj	supplier for	
Sleek	subject to foll	oneng					
Appor	oval of the proj	bosed h	naterial.			p supplier to	
isposition:	Approved	Approve	d with comments	Revise &	Re-submit	Delegated	
onsultants Er	ngineer Name & Signature			Date		Rejected	
	BACKUP SUPPL	CER.	SUBJECT	TO RE-	APPR	0141	
	1 1- 11	***					

- Contractor le avoid multiback up supplier vith out-i whitied reason.



# **Contractor Submittals**



Development:	iviaryam island				
Product Name: Maryam Gate Residences		Product Number:	UAE108-00101		
Description:	UAE108-01000-GFG-SMT-SIEC-20-003-0	00 RAKMET (Emirates Steel	eel Documents)		
PMWeb#: 003	30		Submittal Date : 13/01/2021		
Submittal #: UA	E108-01000-GFG-SMT-SIEC-20-003-00		Revision: 0		
Category : Mate	rial Submittals		Status: Submitted		
Sub-Category: St	ructure				
To Company	To Contact	From Company	From Contact		
Studio Internationa Engineering Consu Dubai		Geo Foundation Group LL UAE	.C- Rizza Blanca-Geo Foundation		

No Document # Rev Description Consultant Review Status Consultant Review Notes

1 0 RAKMET (Emirates Steel Documents) Refer to Commented Sheet

**Date Closed** 

13101/2021

**Reviewed By** 

Am

#### Attachments

UAE108-01000-GFG-SMT-SIEC-20-003-00 RAKMET (Emirates Steel Documents)

			Notes							
	Subject		Notes		Created By					
Workflow Action Users										
#	All Must Approve	Due Date	Role	User	Instructions					
0		Jan-17-2021	Submitter	Rizza Blanca-Geo Foundation						
1		Jan-14-2021	CSC-Document Controller-SEIC	Rochelle Medrano- SEIC	Please do a QA check before proceeding it to the next step. Kindly return the record in case of any issue.					
2		Jan-27-2021	CSC-Project Manager-SEIC	Mohamad Al Feky- SIEC	and new					
2		Jan-27-2021	CSC-Resident Egr-SEIC	Raafat Sawalha-SIEC	La laying					
2		Jan-27-2021	CSC-Project Manager 2-SEIC	Ahmed Rabie-SEIC	Eng Amte					

Preject : MARYAM BEACH RESIDENCE
Signature
Date

# COMMENT SHEET RESOLUTION



PROJECT NAME:	P141 Maryam Gate Residences								
то:	Geo Foundation Group	DATE:	13 <sup>th</sup> January 2021						
FROM:	STUDIO INTERNATIONAL ENGINEERING CONSULTANT	SUBMITTAL REF.:	UAE108-01000-GFG-SMT-SIEC- 20-003-00						
SUBJECT:	RAKMET (Emirates Steel Documents)								

#### **CONSULTANT COMMENTS:**

## Status 'Approved as Noted

- 1. Steel diameter 14mm is not use in the project.
- 2. MIR to be conducted for delivered material at site and sample to be taken for test
- 3. Sample test results to be submitted for approval prior to commence with the work.
- 4. To be in compliance with project specification drawings and authorities regulation.
- 5. All licenses, accredits to be maintained throughout project and DLP times.
- 6. This is the main supplier of the project.

REVIEWED BY:	Amr Shahin	*
SIGNATURE	Am 01 72.21	



# m a i s a m architects engineers



STEPPE CAPITAL

# **Nudra Beach Villas Project**

MATERIAL SUBMITTAL												
To: Maisam From: McLaren Construct							nstruction Ltd	l.				
	Dainfanaanaan C	haal Cuad	- D FOOD				Referen	ice Number:				
Subject:	Reinforcement St for Shoring & Pili		е в 200в			ject ID 11515	Consultan	t: <b>M1515-M</b>	1AI-MCL-	MST-000	2	Rev .0
Enclosure:	Physical Sample 🔀 T	echnical Data	a 🔲 EHS Che	cklist	101	1313	Subcontra	ctor: M1515-M0	CL-S2.01-N	1ST-0002		Rev .0
Discipline:  Architectura	stru	ıctural		M.E.P.		nterio	rs	External works	[	Other	(specify	)
	DESCRIPTIO	N			MAN	IUFACTUR	ER		SUPPLIE	ER		STATUS
EMIRATES STI	EEL MILL CERTIFICA	TES				UAE) STEE		P.O. BOX 564	_	_	C	
Note:												
Status Code:									Date r	eturned by	/ Consult	ant (MCL)
B - Approved	(Work may procee with Comments. (V resubmit. (Work n	Vork may p		ect to inc	corpord	ntion of con	nments indi	cated)	30	0.03.20	21	
This section to	be completed by	Consultant	:						Consu	ltant's Red	eived Da	te Stamp
(Material	Comments:  - All reinforcment steel delivered to site shall be submittd for approval (Material Inspection request) along with Mill test certificates.  23.03.2021											
- Samples at random shall be collected and tested in order to confirm the compliance to BS 4449.  -reinforcement bars shall be delivered to site in bundles with tags containing the details of respective element, bar mark, approved shopdrawing number, reinforcment manufacturer, etc.								MERS				
Samira Ha	lame:	Nesiue	ent Engine Designat				Signa	ture		Company S	tamp & [	Date
	McLaren Constructi	ion Ltd.								,-	<b>J</b>	
	WATSON		JECT MA	NAGE	R					23.0	3.2021	
	lame:		Designa				S	ignature:			Date	
		Ве	elow informa	ation is f	or Mc	Laren/Sub	contractor l	Jse Only				
Originator	GULF PILING FOU	NDATIONS	SPECIALIST	LLC		М	CL Received	Date Stamp		MCL Dis	tributio	n
Name:	SAFEER KHAN		1129	10	۸.				Client		Others	
Designation	PROJECT ENGINE	ER	Loyl			DO		ONTROLLER	Consult	tant		
Date:	22 MARCH 2021		S	ignature			23.03.2021		Origina	tor		

Corrections or comments made receive to submittals during this review do not relieve the contractor from compliance with the requirements of the contract documents



#### **جودوین اوستین جونسون** مهندسون معماریون

GAJ		OWNER OF PLOT LV-50				PPGC			
Design Consultant	PMC	Employer			Main Contractor				
-		Project No.	Sub. Ref.	Discipline	Contr			Date	
TECHNICAL S	UBMISSION	3431	PRE	S		00006	0	27-Jun-2021	
Subject Reference GEN-General SD - Drawing	DOC - Document TR - Test Report	X	MAR - Ma		MS - Me	ethod Statemen ner (Specify)			
Project	: JUMEIRAH BAY HO	USE							
Client	: OWNER OF PLOT L	V-50							
Consultant	: GODWIN AUSTEN	JOHNSON ARCH	HITECTS (GA.	1)					
Main Contractor	: PLUS PALACE GENE	ERAL CONTRACT	TING LLC						
Title & Description  Purpose & Location  Manufacturer/ Supplier  Sub Contractor	: PRE-QUALIFICATION : SUBSTRUCTURE AND : N/A : RAK MIDDLE EAST TI	) SUPERSTRUCTI		RS	Contract Doc. Ref. : MAIN WORKS PACKAGE  Spec. Sec. and Clause : INSITU CONCRETE  BOQ Item No. : SUBSTRUCTURE - C  Drawing Ref. : N/A			DNCRETE	
Sub Contractor	. NAK WIIDDEE EAST TI	NADENS LLC			Diawiii	g Kei.	: N/A		
X Supplier Prequalif Brochure/ Techni X Reports	Submittal Tagged & Referenced  X Supplier Prequalification/ Trade Licenses  Brochure/ Technical Data  X Reports  Warrantee  QAQC Document (MS, ITP etc.)  Compliance Statement (in case of alternatives proposed)  Sample								
Specified	:. Equal/Better than Specified				Alternative				
Submitted by Contractor  Signature: GHASSAN GERGES	PLUS PALAC GENERAL CONTRACTING L DUBAI - U.	.L.C	Stamp	Received by Cor Signature	nsultant	GAJ 28	3 JUN 202		
Drawing Submitted:				Consultant Com	ments				
Refer to the comments on attached sheet.									
Confirmed by	Arch/ Civil	mg -	Structural	- Anna	MEP		ID/ Othe	ers	
Signature	Code to the control of	D	R						
Name	Srinivasan.		Say	yad ne 2021					
Date  Document Status	28 June 20	21	<b>∠</b> 0 JUI	IE 4V4 I					
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CODE A	mants	 ^m	CODE C	—	DE D		ODE E		
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Construction may proceed	Construction may Proceed after comments - Re sub-	r incorporating		mments and Re-submit	Revise	& Resubmit			
Contractor Received	Resubmission NOT requ	uired		Consultant Issue	ed	ISSUED TO	CONTRACT	OR ON	
Cianatura	Data	6	*****	Cimpature	GAJ 28 JUN 20		8 JUN 20	21	
Signature  Note: This document is to be read i	Date n conjunction with the relevant		tamp ns;	Signature		Date	S	tamp	
All submissions are to by typed; Har			,		L				



#### **جودوین اوستین جونسون** مهندسون معماریون

GAJ		I 0W	NER OF PL	OT 11/ FO			PPGC	مهندسون معمار
Design Consultant	PMC	OVV	Employ			Mai	n Contracto	or
Design consultant	1 1410	Dunio et No		Discipline		ntractor Ref.		
TECHNICAL S	UBMISSION	Project No. 3431	Sub. Ref. PRE	S	CO	00007	Rev 0	<b>Date</b> 27-Jun-2021
Subject Reference GEN-General SD - Drawing	DOC - Document TR - Test Report	X	MAR - Ma			Method Statemer		27 3411 2021
Project	: JUMEIRAH BAY HO	MICE						
Client	: OWNER OF PLOT L							
Consultant	: GODWIN AUSTEN		HTECTS (GA					
Main Contractor	: PLUS PALACE GENI		•	· · ·				
The second secon		210.12 00.11110.01						
Title & Description	: PRE-QUALIFICATION	I FOR HAMRIYAH	I STEEL REBA	ARS	Cont	ract Doc. Ref.	: MAIN WOF	RKS PACKAGE
Purpose & Location	: SUBSTRUCTURE ANI	O SUPERSTRUCTU	URE		Spec	Sec. and Clause	: INSITU CON	NCRETE
Manufacturer/ Supplier	: N/A				BOQ	Item No.	: SUBSTRUC	TURE - C
Sub Contractor	: RAK MIDDLE EAST T	RADERS LLC			Draw	ring Ref.	: N/A	
Brochure/ Techni X Reports	fication/ Trade Licenses			Warrantee QAQC Docu Compliance Sample Others (Dra	ument (N e Stateme	IS, ITP etc.) ent (in case of alte	rnatives prop	osed)
X Conforms to Spec Considered to be Specified  Submitted by Contractor	c. Equal/Better than Specified			Received by Cor	nsultant			
Signature: GHASSAN GERGES		PALACE TRACTING L.L.C DUBAI - U.A.E.	Stamp	Signature	isuitant	RECEIVED FROM	3 JUN 202	
	,		Stamp			Date	310	шр
Drawing Submitted:				Consultant Com				
	<i>A A</i>			Refer to the co	mments	on attached sh	eet.	
Confirmed by	Arch/ Civil		Structural	Annal	MEP		ID/ Other	s
Signature	Srinivasan	ь	- F	NAME -				
Name	Srinivasan		Sayı					
Date Ctatus	28 June 20	)21	26 Jun	ne 2021				
Document Status		T					ī —	
CODE A	<b>✓</b> CODE B			CODE C		ODE D		DE E
Approved  Material Order May Proceed	Approved with com  Material Order May Pro			with comments er may NOT Proceed	N <sub>0</sub>	ot Approved	For	Information
Construction may proceed	Construction may Proceed afte comments -Re sub	r incorporating		mments and Re-submit	Revi	se & Resubmit		
Contractor Received	Resubmission NOT requ	uired		Consultant Issue	ed			
						ISSUED TO CO	NTRACTOR ( IUN 2021	ИС
Signature	Date	St	tamp	Signature	_	GAJ Date		amp
<b>Note :</b> This document is to be read in All submissions are to by typed; Har	-		ns;					



Date

# LUCKY RECYCLING CO LLC

S ALGAFRY OWSLUNG AREITECTS EVENTSESS



V social G	SUBMITTAL REQU	- Constitute profitation Extra	B	
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PLOT#2420120 AT AL QU CLIENT: M/S LUCKY RECY	AFRY CONSULTING ARCHITECTS ENG		Submittal N Revisio	o: CMC-185-PQD-CIVIL-007 on: 0 e: 08-02-2021
☐ Architectural	Structural	Land	scaping	Others
☐ Electrical	Plumbing	□ A/	'C	
Sr.No.	Description	Specs., / BOQ Ref.,	Specified Make	Proposed Make / Supplier
Pre-qualific	ation document for reinforcement	-		M/s. RAK Middle East Traders LLC
Attached:	Sample	☐ Catalogues	Compliance	OTHERS (PQD)
No. of copies attached : Reason for Non complia		Data Sheets	☐ Drawings	☐ Design
For: Sub-Cont.	2000	ctor (Either	Eni	: Consultant
Project Manager/Engin		Project Manager /	Project Engineer	Project Manager:
Name:	Name : Mr. Raju Singh	Senior P.E Name: Mr. Bharat shah	Name	Name:
Sign :	Sign: lexisting	/Nashid Sign :	Sign:	Sign :
Date : .	Date: 14/2/2021	Date:.	Date:	Date:
For Consultant's Usc	(1/2/201	Sisteria	Date	Date.
Approved	Approved w	rith Comments	☐ Not Appro	ved
Consultant's Comments  and Data  Shall be to  manufact  For client Use = 1000	steel approncept on site. The shall be a	LEME DEMY 5	Will certifi	Emirate certe 4 D.O. y from each d box as per
Client Comments :				
For Court Is		- Anna Changa - Anna Changa		
For: Consultant	7	Manager /Engineer	For: Client QA/QC	
Name: House h	Maria San Paranta		Name:	
Date 4 -02-20	Signature Date		Signature	
Date 14 -0-00	For: Client	Distribution:	<u>Date</u>	
Names		1-		
Name:		2- 3-		
Signature		4-		



**Transmittal Number: S23-IFIA-JBS-CRC-03350** 

Project Reference: \$23

To: CRC-China Railway Construction Issue Date: 09/01/2021 15:15:25

Corporation

From: JBS-Jacobs Engineering Group Return By Date:

Issue Reason: IFIA-Issued for Implementation-Action

Summary: C0308-S02-GCX-PF-00070-00-Pre-qualification for Supply of Reinforcement Steel - (RAK

Middle East Traders LLC)

**Notes/Instructions:** 

#### **Attached Documents:**

Document Number	Rev	Title	Contract Number	Acceptance Code
C0308-S02-GCX-PF- 00070	00	Pre-qualification for Supply of Reinforcement Steel - (RAK Middle East Traders LLC)	C0308-Package D Design and Build	01-Accepted

#### **Distribution:**

Name	Reason	Delivery Method
Wilma Gallardo	N - Notification	System Notification
Panagiotis Amerikanos	N - Notification	System Notification
Adam Culley	N - Notification	System Notification
David Landsberg	N - Notification	System Notification
Rejitha Raju	N - Notification	System Notification
Paul Blanchard	N - Notification	System Notification
Richard Hyde	N - Notification	System Notification
Martin Payne	N - Notification	System Notification
Shareef Parapurayan	N - Notification	System Notification
Barend Walt	N - Notification	System Notification

Transmittal: S23-IFIA-JBS-CRC-03350

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- 1 1 1 W	الجامعة الأميركية في الشابقة American University of Sharjah	archite	Columbia engine		تالاحت للمقاولات Binladin Contrac	
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Project No:	2721 - American University	of Sharjah		Date:	09/05/2021	
Contractor:	BinLadin Contracting Grou	p LLC				
From: BC	G Supplier M/s. RAKMET			To: A	ARCHCORP	
Specs. Ref.				Drawing I	Ref.	_
☐ Complia	ance Statement		Original Brochu	re	Others (Specify	y)
Description /	/ Usage:	Prequalif	ication Subm	ittal for		
		•	Steel Rel	oar		
				(M/s. R/	AKMET)	
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Other (S						
SUBMITTED		rmation/Red	cords	- Oth	ners (Specify)	
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	lies with Specifications				pecifications at no addit	
FOR CONTR	RACTOR	5	0.200	RECEIVE	BY CONSULTANT	
Name: Designation Signature: Date:	RAJAEE MÄÑSÖÜR المن المن المن المن المن المن المن المن	Sharjah, الهناسة و 1 - في	تجدید مبنی	Stamp: Signature: Date:		MAY 2021
			W.		18Y:	
No objec  • Materia • Storage • Works	tion for approval subject to ls to be submitted for apple, handling, preparing, and should be as per the appred Industrial license to be	roval. d application	rings and prope	rictly com	ories to be used.	
☐ Approv	ved		Revise & F	Resubmit	Sadin -	For Information
Approv	ved with Comments		Rejected		is to Contracting	W W
CONSULTA	<u>NT</u>			CONTRA	CTOR 1 6 MAY 202	1
Resident Eng Date: 16-05	gineer:	de la companya de la		Received Date:	by:	

Checking and approval by the Engineer shall not relieve the Contractor from his obligations to perform the work in ac Requirement of Safety, and Local Authorities' regulations.

Ar AC.CM.012, Rev:00, Dated 29/09

ance with the Contract Documents,

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بياتات المشروع

المقاول

Project Details

استلام الاستشاري (الريخ الوقيم)

157. 1976 UNECIJ-320/MAT/06A 19/10/2021 :Date التاريخ نموذج طلب اعتماد مواد وأجهزة Material & Devices Approval Form السالك حكومة الشارقة / دائرة الاشفال ركم المقد Victoria International School On Plot No 1502 Khorfakkan Branch 301-935 Sharjah Gov. / DPW Client الاستشاري Consult M/s. United Engineering Construction Co. (UNEC) L.L.C M/s. QHC Architects & Engineers, Sharjah

نوع المواد المطلوب اعتمادها MEP اعمال الكترميكاتيك O Structural Architecture أعمال تشطيبات @ أعمال انشانية Material Submital Type وصف المادة بأولوية المواصفات Material as specified by printing Source Ilane Manufacturer llami المرجع Referance Drawing GS-100 Steel Reinforcement: Emirates, Hamriyah, Union & Jindal RAKMET UAE وصف المادة المقدمة Proposed Meterial for Approval munufacturer eladi Reference المرجع Source Ilandi RAKMET Drawing GS-100 Steel Reinforcement: Emirates, Hamriyah, Union & Jindal UAE. المادة البديلة Altemative Proposal المرفقات Attachments اسم المائة البديلة Alternative Material Name manufacturer المصنع الكتيب Source Ilandi ल शिक्षां हुन Catalogues U.A.E RAKMET Steel Reinforcement: Emirates, Hamriyah, Union & Jindal حالة المادة البديلة المسان ٥ فرق مدة زمنية ( زيادة / الل ) بمقدار Guarantee ٥ تكلفة (زيادة / اقل ) بمتدار Days ایام Alternative Malerial Equvelent o Cost Impact ( minus / plus ) O Time Impact ( minus / plus ) و عينات (2)Samples سبب التغيير Reason C.Of Orig ور شهادة منشأ متمرك Mobile Supplier June 1 m شهالاات اختبار C.OfTesı بريد البكتروني Email FAX will Alti- Jat 04-8857374 04-8857375 RAK Middle East Traders LLC (RAKMAT) Data sheet المواصفات القنية m مقاول الباطن Subcontractor متحرك Mobile بريد اليكتروني Email FAX USU TEL LITA M.O. Statement طريقة التنفيذ 0

اسم المسئلم

name of the recipient

Cocsultant receipt

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امع مقدم الطلب والملغة

Name of applicant

المقاول (ختم/توتيع)

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Rejected مرفوض Por D.P.W. use only: معتمد المستشرية الاشفال المستشرية المست

الرصدار، 2018/12/17 معْمة 1 من 1 P.O. Rox 6 معْمة 1 من 1









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M/s QHC Architects & Engine	eers, Sharjah	Consult	الاستشاري	M/s. United Engineering	M/s. United Engineering Construction Co. (UNEC) L.L.C Cont	
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At Place مكان الاستخدام Specify requested work			es to the subcont./supplier -	وب اسنادها لمقاول الباطن/ مورا	وصف الأعمال المطل	
Whole Project Cut and Bend Steel Reinforcement						
Sub-Cont. /Supplier	مورد (2)	ر باطن /	🗖 مقاول	Sub-Cont. /St	pplier (1) مورد	ا مقاول باطر
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0 1 NOV 2021

United Engineering Construction
Job 329



# Transmittal Number: S23-IFIA-JBS-CGT-02007

Project Reference: \$23

To: CGT-China Railway-Ghantoot Issue Date: 09/09/2020 14:12:14

Transport JV (C0306)

From: JBS-Jacobs Engineering Group Return By Date: -

Issue Reason: IFIA-Issued for Implementation-Action

Summary: C0306-S02-EUT-MT-00045-AB Material Submittal for Reinforcement Steel Bars (8-32mm

dia.) for 132kV Protection works (DEWA-ED) - (Emirates-RAKMET)

**Notes/Instructions:** 

#### **Attached Documents:**

Document Number	Rev	Title	Contract Number	Acceptance Code
C0306-S02-EUT-MT- 00045	AB	Material Submittal for Reinforcement Steel Bars (8-32 dia.) for 132kV Protection works (DEWA-ED) - (Emirates- RAK)	C0306-Package C Design & Build	01-Accepted

#### Distribution:

Name	Reason	Delivery Method
Osmond Ikwueme	N - Notification	System Notification
Aure Sobanski	N - Notification	System Notification
DCC	N - Notification	System Notification
DCC1 CGT	N - Notification	System Notification
DCC1 EGS	N - Notification	System Notification
DCC3 EGS	N - Notification	System Notification
DCC3 JBS	N - Notification	System Notification
DCC2 EGS	N - Notification	System Notification
DCCJBS C0306	N - Notification	System Notification

Page 1 of 2 Transmittal: S23-IFIA-JBS-CGT-02007



**Transmittal Number: S23-IFIA-JBS-CGT-02007** 

Name	Reason	Delivery Method
Riva Esguerra	N - Notification	System Notification
Patrick McSheffrey	N - Notification	System Notification
Philippe Bakhos	N - Notification	System Notification
Rana Salameh	N - Notification	System Notification
Khuloud Al Mazrouee	N - Notification	System Notification

## **Acknowledgement of Receipt:**

		Kindly acknowledge receipt of this transmittal by returning a signed copy of this form to:
Recipient:	Date:	dcc@etihadrail.ae





# **Facsimile Transmission**

Date:	19/11/2020	No. Of Pages(Including this sheet)	Page	1	Of	2	
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To:	EMIRATES ELECTRICAL	Our Ref.:	N-00330-3-01-MAF-2020-01	
10:	ENGINEERING LLC	Our Rei.:	N-00550-5-01-MAF-2020-01	
Fax No:	04-4543444		Reinforcement Steel of Dia: 8,	
	Tahara Datal	Cubicat.	10,12, 14, 16, 18, 20, 22, 25, 28, 30	
Attention:	Tabrez Patel	Subject:	& 32 mm BS : 500 /460GR. ASTM	
	DIVISIONAL MANAGER		: 425 GR 60	

## **Material/Document Approval**

We refer to your Transmittal Note submitted on 20/09/2020 enclosing Material / Documents associated with respective substation(s) under your above contract and give our comments / approval on the submitted material /as per attached annexure:-

Material/Doc No.	Title	Source	Sample	A.C
	Reinforcement Steel	M/s. Hamriyah Steel	No	
	of Dia: 8, 10,12, 14,	FZC, Sharjah		
N-00330-3-01-MAF-2020-01	16, 18, 20, 22, 25, 28,			CE
N-00330-3-01-MAF-2020-01	30 & 32 mm BS : 500			CE
	/460GR. ASTM: 425			
	GR 60			

#### **COMMENTS** -

Refer as attached

- **A**: Approved as submitted.
- B: Approved earlier and revision noted
- C: Approved for manufacturing subject to compliance with the comments. Resubmit for records
- D: Comments as per the attached marked up copy of the drawing
- E: Comments as indicated in the TN comments sheet.
- **F**: Revise the drawings as per the comments and resubmit for approval.
- G: Vendor's responsibilities for compliance with the requirements of the specification and not for approval/comments.









# **Facsimile Transmission**

Date:	24-Aug-2020	No. Of Pages(Including this sheet)	Page	1	Of	2	
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To:	EMIRATES ELECTRICAL ENGG LLC	Our Ref.:	TP-PTD-N-00330-3-01-Fax-0079-
			2020
Fax No:	04-4543444	Subject:	PO.3091900073-QUDRARD SS-L-
Attention:	Tabrez Patel		203-205006-20-Feedback on
	DIVISIONAL MANAGER		Request for approval of alternate
			source/make civil standard material
			(Reinforcement Steel

# PO.3091900073-QUDRARD SS-L-203-205006-20-Feedback on Request for approval of alternate source/make civil standard material (Reinforcement Steel)

With reference to your letter: [EEE/QUDRARD/L/202-205006-20 Dated 10-Aug-2020], please find the below feedback:

With reference to the above, contractor's request for use of alternate steel reinforcement from manufacturer " M/s. Hamriayah Steel, Sharjah" instead of "M/s. Sohar steel LLC, Oman" is acceptable and the same shall be revised and resubmitted as standard materials directly to TED through smart document D2 system in line with MSCMS Issue 6 Rev 0.

This is for your information and necessary action

Yousef Ahmed Alraeesi

Sr Engr - Projects

(Signed on 24-08-2020 10:02:54)

Encl:

1. TP-TED-N-00330-3-01-M-0044-2020.pdf





The Contractor: The Engineer : The Employer: الرستماني بيجل ذ.م.م 👠 🤷 AL ROSTAMANI PEGEL L.L.C. ب دالله الرسخة مائي للعقبارات ش.د.م.م. ABDULLA AL ROSTAMANI PROPERTIES L.L.C Proposed 2B+G+M+19 Residential Building on Plot No. 317-1083 at Al Mankhool, Dubai, UAE MATERIAL APPROVAL SUBMITTAL 0 ARP/MAS.004 Rev. No. 05-11-20 Submittal Reference: Submittal Date: Material Description: □ Refer to the Attached Summary of Proposed Materials Steel Material Location Of Use: [i.e. floor, room, area] **Basement to Roof** Specification Section: Section 033000 - Cast - in - place concrete Manufacturer Details Supplier Details Name: Jindal Shadeed Iron & Steel Name: M/s Rak Middle East Traders LLC (stand by 1) Name: Hamriya Steel LLC Country of origin: UAE Country of origin: Sultanate of Oman Country of origin: UAE Address: Plot No. 4E-01,02,03,05,05 & 06 Address: P.O Box 404, Fulaj Al Qabula Address: Dubai, UAE Hamriyah Free Zone Sharjah, UAE Sultanate Oman 1. Compliance statement should be included in the submittal. 2. Copy of the Contract Specification Section should be included in the submittal 3. All sheets must be signed & sealed by the Contractor and the Specialist Subcontractor(s) 4. Submittal reference number should be noted on the attachments The Contractor Representative Signature 05-11-20 to the attached Comments Sheet.

AC	TION (As Marked)	0.50 to 10.00 to 10.0			
П	Status:				_
	Approved	Approved as Noted	Revised and Resubmit	Samples and /or additional data required	Not Approved
	For the Engineer:	110	For The	Employer:	
	Date :	LD)	Date :		

The Employer : The Engineer The Contractor : الرستـمانـي بيـجـل ذ.م.م AL ROSTAMANI PEGEL L.L.C. ا ABDULLA AL ROSTAMANI PROPERTIES L.L. Proposed 2B+G+M+19 Residential Building on Plot No. 317-1083 at Al Mankhool, Dubai, UAE SUBCONTRACTOR / SUPPLIER APPROAL REQUEST (Vendor List Items) 15-10-20 Submittal Date: Submittal Reference: ARP/SSA.003 Rev. No. Trade Name Of The Subcontractor/Supplier: standbysupplier priority #1 M/s Rak Middle East Traders LLC Scope: PQ - Steel Supplier \* Pre-qualification documents should be attached and complete including valid trade license and declaration statement from the Subcontractor/Supplier confirming his awareness and compliance with the project Specification, Drawings, Design Requirements and Safety Regulations and local authority's rules & regulation. The Contractor Representative Signature Date: 15/10/20 THE ENGINEER COMMENTS Refer to the affached comments sheet.
Approval is United to pregnalification for supplier. HE EMPLOYER COMMENTS certificate to be submitted from ministry of public works. Status: Additional Data Approved as Noted Required Approved Approved as Noted - Resubmit Not Approved Reviewed By: For the Engineer: For The Employer: Date : Date: Date: age fof 1 Appendix D15 LAC-SM-Feb. 2014 (Rev.02) AL ROSTAMANI PEGEL L.L.C

RECEIVED



PROJECT:

G+5+R RES WITH RETAIL ON PLOT NO. 673-1209, AL

BARSHA SOUTH THIRD, DUBAI - UAE

CLIENT:

MR. HAMADOBAID ALSHAIKH JUMA AL MANSOORI

CONSULTANT:

ATRIUM ARCHITECTURAL & ENGINEERING

CONTRACTOR:

AMAR AL KHALEEJ CONTS. LLC



								Submittal No AK/2018/P28/		Rev.
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UPPL	IER / MANUFAC	TURER: RAI	KMET					Approved		Α
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UBCC	ONTRACTOR / S	UPPLIERS: F	RAKMET					Reject and re-submit		С
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TV	DRGS.,SPEC.	ITEM SEQ		D				+ TVDE	COD	E
TY	BOQ.REF.	NUMBER		Descr	iption	1		+ TYPE	Submittal	Action
1			Technical	Specificatio	n (R	on Documents wi AKMET) - 2 Sets SUPPII'E V		PD/ RT/ MD/ OT	1	
nis Su	ıbmittal does not	Deviate from	Contract Docum	ents.						
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Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of the Contract Documents. This contract check is only for review of general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. The Contractor is responsible for confirming and correlating all quantities and dimensions selecting fabrication processes and techniques of construction; coordinating his work with that of other trades, and performing his work in a safe and satisfactory manner.







نسخة : مدير المشروع - الاستشاري - المقاول - الملف



## طلب اعتماد مادة

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03000 - 04	المرجع:				07-07-2020	التاريخ:
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760 VAV. XXX				ب دبي	المقاولون العرد	مقاول الباطن
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UAE/OMAN JI	NDAL/HAM	IRIYAH		steel		steel
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No.	F02-QP9.1-UAE
Revision No.	1
Revision Date	Oct. 2017
Approved by	Nik Rowley

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Project :			n Umm Suqei	m Road to Arjan Devel.		Reference No.	BCG/AD/M/CIVIL 03 February 2020	
Contract		DH0023	ine Craus			Date : Revision No.	03 February 2020 0	, 
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		Comparison Shee	t	☐ Mechanical				
	Others ( state	: )		☐ Electrical				
				☐ Other ( state )		<u> </u>		
Attach a	all relevant liter	ature marked by "clou	ıding": to identii	fy relevant description, currer	nt test cert	tificates, samples as a	appropriate.	
Mator	ial Descripti	ion :	Emirates (UA	E) Steel Rebars		FOR EN	GINEER'S USE ONL	<u>.Y</u>
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NAME:	: Ali Saeed l	Mohammed, SIG	NATURE:	DATE: 03-Feb	-20			
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03 FEB 2020 KHATIB & ALAMI

			From: GECO ME	CHANICAL& ELECTRIC	AL LTD.
MAS No:- SEWA-ID-SS-2020	1-103- Civil-02	Rev No: 01	Date of submission		
Discipline: Civil	Mechanical		Electrical	Others	
Project:	132/33/11kV	Al Jada SUBSTA	TION		
Client:	SEWA	ANICAL & ELEC	TRICAL LTD		
Main Contractor:	GECO MECH	ANICAL & ELEC	TRICAL LTD.		
Sub Contractor:					
Material Description:	Steel rebars	(8mm to 40mr	n dia)		
Manufacturer:		2. Emirates S	deed Iron & Steel Iteel Industrial -Al Steel FZC, Sharjal	LLC,Sohar -Oman. budhabi .UAE, h -UAE,	
Supplier (GCC or Foreign) -		Emirates Ste RAKMET - UA DANUBE - UA		- UAE.	
Material / BOQ Reference					
hickness					
Model		YES		ОИ	
pecification		YES		NO	
roduct data Sheet		YES		NO	
roduct data Sheet		YES		NO	
ample/Sample Photo Attached	1	YES		NO	
ethod Statement		YES		NO	
evious Approval		YES		NO	
WA Pre-qualification certifica	ite	YES		NO	
ntractor:		S Coal	The state of the s		
mo M	Kashif / A.C.Pa	alaniappan		Date:	02.05.2020
WA Engineer:		1505	192,165		
erial Approved (		Approved with	comments ( )		Rejected ( )
nments: 1)					
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ature:	3>			Date: MA	r 60, 2020
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al doesn't relieve contractor from his Cont.	ractual Obligations to	ecture conformance to 5	Specifications and Satisfactor	y operation of the Equipment as pr	SEWA requirements Any
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# **ADNOC DISTRIBUTION**

# **DESIGN AND BUILT OF SIX (6) SERVICE STATIONS** IN DUBAI EMIRATES

(WADI AL AMRADHI-EAST, WADI AL AMRADHI-WEST, JEBEL ALI



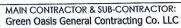


INDUSTRIAL, ABU HAIL, DUBAI INDUSTRIAL CITY, AL MIZHAR)

		AGREEMENT NO.: RFT-5649												
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From:	G	reen Oasis Cor	ntracting	L.L.C.		7	Го:	Р	arsons Int'	l Ltd.	Atten	tion:	Sr. Reside	nt Engineer
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# CONSTRUCTION OF THE PROPOSED ENOC FILLING STATION (SITE-1301), PLOT 0032, AQL MOALLA, (UMM AL QUWAIN), UAE

	MATERIAL	SUBMITTAL					
FOR APPROVAL  FOR INFORMATION / RECORD	NEW SUBMITTA	L	REVISION	LL REF : <b>(ENOC 1301)-MAT-001</b> I NO : <u>0</u> LL DATE: <u>17-Mar/20</u>			
Details of Submittal:							
DESCRIPTION	Steel Reinforce	ment (12mm, 16	mm, 20m	nm)			
NAME & ADDRESS OF MANUFACTURER	M/s Emirates St UAE	eel Industries LL	.C, Abu Di	nabi,			
LOCAL AGENT	M/s RAK Middle	East Traders LL	С				
SPECIFICATION REFERENCE	Vol-6						
BOQ REFERENCE	Part 6						
DRAWING REFERENCE		)-12, 1301-CDM-					
TECHNICAL LITERATURE	Technical catal	ogue, Previous A	pprovals,	Test Reports			
SAMPLES	Green Oasis Gene	<del>3 الواحة الخضراء الكة</del> إ , <del>Contracting Co. إ</del>	16				
FOR CONTRACTOR: Project Manager (Name & Signatur	P.D. CX CS	82, Date 1 - 4.9		2020			
Receipt Stamp (CDM Smith	Tel: 422	Fax: 04-42	Receipt Sto	amp (Contractor)			
Received By:	ad Access	Received By:	KG GOIDS GI				
Signature: 18 MAY 2020		Signature:					
Date:		Date:					
CONSULTANT:		CLIENT/AUTHORI	TY: (ENOC	/ RTA / DM / DEWA)			
	VED AS NOTED	APPROVED  REVISE & RE		APPROVED AS NOTED REJECTED			
	CD		.30D/WII				
Refer the  Sheet for	attached Comments						
For Consultant: Authorized Name: Eng. Abdallah Kanaan Signature :	27.05.2020 Date:	For Client/Authorit Authorized Name Signature	y. e: <u>Eng. Abd</u> :	allah Kanaan Date:			



#### **ADNOC DISTRIBUTION**



# CONSTRUCTION OF AL MADEAN, AL TALAA & AL ZOURA SERVICE STATION IN **NORTHERN EMIRATES** AGREEMENT NO:RFT NO 5765 ,PROJECT NO:2014 DRAWING / DOCUMENT TRANSMITTAL FORM 30\_05\_2020

I ransmittal f	No: D1F-2014-00016			30-05-2020		Resp.	Ву:			
From: GAC				To: Attn: I	roject Manager					
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Previous Sub	mittal Ref:		Date	:	Category:	S/C R	ef:	Date:		
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_ V	Approval / Comments As Per Your Reques				Your Informati	Aeria	cocis			
For Gulf Asia					1/	100	658			
	Rajesh		Project	manager	THIN THE	Box	Oheba Oheba	0-May-20		
	Name		Desig	nation	Signatur	P. Abu	AE /	Date		
For ADNOC					-Ap	Gen.	Cours			
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Abdhu	ılrahman Al Suwaidi Name	=		Manager nation	Signature		-	Date		
	- 1901as p		TO A SILE		Signatuit			AFREE		

DTF Form TPG-EPD-EPD-FRME-37

\*>DTF is a COMPANY's Controlled Form.; All Controlled Forms should bear the Controlled Form Ref. No.

\*QA/QC Comments:
4.) > Provide a valid Occupational Health and Safety Management Systems Certification.
5.) > Provide List of Projects currently being supplied by the Supplier -with start and completion dates of projects.
6.) > CONTRACTOR to note that SUBCONTRACTOR's & SUPPLIER'S work performance is subject to COMPANY's evaluation.





	MAT	ERIAL SU	BMITTAL-CIVI	L	
Project	MARBLE ARCH TOWER G+3P-	-37TYP+MECH+	ROOF PLOT NO.346056	66 -BUSI	NESS BAY DUBAI
Client	M/s. AIN AL EMIRATES REAL	ESTATE L.L.C	Ref No	P566-M	IESC/MS/20
Consultant	M/s.DXB Design Studio		Rev. No.	00	
	M/s. Modern Executive Systems C	ontracting L.L.C	Date	17/10/2	020
Item Descr	iption:	Material Subm	ittal for Masonry Blocks	5	List of Enclosure:
Location:		Full Building			■ Compliance ■ Catalogues / Model
Supplier:		M/e PAKME	Γ (Rak Middle East Tra	ders	Test Results
	Origin / Brand:	Jindal, Hamriyah		ucis	List of Previous Projects Done
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	s statement: we confirm that we hav		s submitted herewith and	found the	
11	locuments and fit required purpose				
	<u></u>	See 5.00 € 5.111			
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#### **Employer**



# United Arab Emirates Sharjah Electricity & Water Authority

Contractor

# Consortium of





**Project** 

# Layyah Combined Cycle Power Plant

00	02-06-2020		ls	ssued for Approval	N	1C	CA	PG
Rev.	Date		l	Details of revision	Created		Checked	Approved
Scale	NTS	Size	A4	Origin. No. 1412-AST-GEN-MAT-	0042	Rev. 0	Contract No.	

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Material Approval Steel Rebars

Manufacturer: Hamriyah Steel Rebars and

Supplier: Rakmet

(for Pump station ,seal pit and pipe culvert)

MA

Originator

Document no.

0

5004-220-00UGA01-&CPA010-501394

Page 1/118

#### Employer



# United Arab Emirates Sharjah Electricity, Water and Gas Authority

Contractor

# Consortium of





Project

# Layyah Combined Cycle Power Plant

00	30-09-2020		Issued for	Approval	M	IC	AML	FP
Rev.	Date		Details of	revision	Cre	ated	Checked	Approved
Scale	NTS	Size A	4 Origin. No	. 1412-AST-QAQC-R	PT-287	Rev. 00	Contract No.	
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Title

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Reinforcement Rebar Test Report for Pump station and Seal Pit Roof slab -(Dia-32,25,20,16,12,10)

Manufacturer: Hamriyah Steel Supplier: Rakmet

Originator



Document no.

5004-220-00UGA01-&CLA010-501900

Rev. 00

Page 1/96

#### Employer

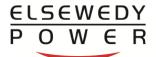


# United Arab Emirates Sharjah Electricity & Water Authority

Contractor

# Consortium of





Project

# Layyah Combined Cycle Power Plant

01	01.09.2020		Issued for Approval	MC	AML	FP
00	13-08-2020		Issued for Approval	MC	AML	FP
Rev.	Date		Details of revision	Created	Checked	Approved
Scale	NTS	Size A4	Origin. No. 1412-AST-QAQC-RF	<b>PT-244</b> Rev. 01	Contract No.	
		<u>'</u>	Title	•		

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Reinforcement Rebar Test Report for Box Pipe Culverts (Dia-25,16,12)

Manufacturer: Jindal Steel /Emirates Steel

Supplier: Rakmet

Originator



Document no.

5004-220-00UGA01-&CLA010-501842

Rev.

Page

1/91





Resp	onsible Division	Responsible Discipline	Document Type	Document Status
	D0203	General Engineering	Request for Pre-Qualification	Issued for Approval

# ETIHAD RAIL STAGE 2 & 3 PROJECT D0203 - PACKAGE 2F2 FREIGHT FACILITIES

# Prequalification for Supply of Reinforcement Steel (M/s. RAK Middle East Traders LLC)

Contract No	Loc	ation	/	_	Di	scipli	ine	_	Τ\	рe	_	Sequence Numbe		•	_	Rev	ision		
	Docu	umen	t Nur	mbe	r				Ţ			ls	ssued	Date			27-	SEP-20	)20
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Quality Process Approval		Quali	Arun ty Ma				PC JV			5	H	perana				24-SEP-2020			
Approved		Projec	ct Dir		r / L	&T -	PC J\	/ /		Life					24-SEP-2020				
Verified	Pr	ocurei		od Ch Man			Г-РС	JV		Chondhery					15-SEP-2020				
Prepared	Suneel Kumar S Civil Manager / L&T - PC JV													15-SEP-2020			20		

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#### **Version Log - Internal**

Version	Date	Name	Description of Review Changes
AA1	01-SEP-2020	Suneel Kumar S	Preparer
AA2	01-SEP-2020	Vinod Choudhary	Verifier
AB1	15-SEP-2020	Suneel Kumar S	Preparer
AB2	15-SEP-2020	Vinod Choudhary	Verifier

#### Revision Log - To Client

Revision	Date	Description of Changes
AA	01-SEP-2020	First Release
AB	27-SEP-2020	Second Release – Updated to reflect comments response sheet

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# 1 Project Introduction

ETIHAD Rail project comprises a railway network, which will ultimately link freight facilities and passenger stations and form a part of the planned Gulf Cooperation Council (GCC) railway network. It will run from the Saudi Arabian border at GHWEIFAT in the west, via or close to the cities of the Gulf coast, to the Northern Emirates and the East coast. There will also be a line running from Abu Dhabi to Al Ain, which may be projected into the Sultanate of Oman, as well as a branch line to the gas facilities at SHAH and HABSHAN.

The network will be interoperable with the proposed regional GCC railway network and will form a central element in the modernisation of the United Arab Emirate's goods distribution system, creating logistics centres and linking its ports, its population centres, its sources of raw materials and its industries.

Major freight traffic will include containers between the ports and logistics hubs located in the centres of consumption, bulk building materials from the mountains in the Northern Emirates destined for the United Arab Emirates (UAE) and other GCC counties, imported materials from the ports to industrial centres and imported and exported finished and semi-finished commodities from industrial centres to cities and ports. These commodities and containers will be transported to and from freight facilities, which are operated and maintained either by ETIHAD Rail (ER) or by private companies. It is planned that the ETIHAD Rail network will be developed in four main stages as shown in figure 1 and described below:

NA. S. COMMON

JAMAS G.

J

Figure 1: Etihad Rail Network

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# Prequalification for Supply of Reinforcement Steel (M/s. RAK Middle East Traders LLC)



Stage 1 (green): The Shah Habshan Ruwais rail line is currently under operation and is used for the transport of sulphur from the gas fields at Shah and Habshan to an export facility at Ruwais.

Stage 2 (blue): Extends the Stage 1 railway network to the border with Saudi Arabia as well as to Khalifah Port, Jebel Ali Port and Fujairah.

Stage 3 (red): Extends the railway to Port Saqr, Al Hamriyah, Al Hamra, Oman border as well as connecting the quarries of the northern emirates.

Stage 4 Passenger (purple): This adds dedicated lines as well as passenger stations to the network in order to accommodate passenger needs in three phases. The passenger network definition is at feasibility stage.

Stage 2 of the Project consists of the design, procurement, construction, installation, testing and commissioning into operation and maintenance until Taking Over of the Stage 2 railway network, Operational & Maintenance Assets, Freight Facilities, Rolling Stock and Yellow Plant.

The roles and responsibilities for the package 2F2 contractor is to complete all the Freight facilities works in their contract and to manage interfaces with all interfacing parties and with any future contractors appointed by the employer or stakeholders to work in their areas.

Stage 2 of the Project includes the detailed design, procurement, construction, implementation, testing and commissioning of all elements of freight facilities, at the following locations:

- Siji FF
- ADP
- ICADIV
- DIC
- Ruwais FF
- Khalifa Port Offshore General Cargo
- Khalifa Port Offshore Container Terminal

Stage 2 Freight Facilities include:

- a. Train and truck movements
- b. Loading and unloading, lifting and stacking, transferring and conveying and storage facilities for bulk products including but not limited to aggregates, sands, clinker, cement and containerized commodities and products, fabricated and bulk steel, polymer containers and bagged cement, perishable products, petroleum (oil) products, and other goods and commodities (general bulk as well as automotive products)
- c. All necessary data acquisition, control, processing and logistics management within the facilities
- d. All civil, structural, building and MEP works to support and service the above.

#### **Vendor Evaluation Form**



				Rating	(Scale o	of 10)				
SI. No.	Name of Manufacturer	Technical Knowhow	Financial Strength	Plant & Machinery availability (Manpower Resources)	Internal QA/QC Setup	Availability of Competent Personnel	Supply References	Compliance to ISO 9001 QMS & HSE Requirement	Total Vendor evaluation Score* Out of Total Score - 70	Remarks
1.	RAK Middle East Traders LLC	9	9	9	9	9	9	9	63	Qualified for sending RFQ

**Scope of Work**: The scope of work includes Supply of Reinforcement Steel for all facilities for this project.

**General Feedback:** RAK Middle East Traders was established 45 years ago with experience in the steel and building materials business in UAE and Oman. They manufactures rebars BS4449 as per the latest DCL, ISO and CARES standards in the Sohar Industrial Estate in Oman, RAK Steel LLC in Ras Al Khaimah. They offer all sizes of steel bars as per British Standards 4449/2005 GRADE 500B.

RAK Middle East Traders LLC quality management system has been built in accordance with the requirements of ISO 9001: 2015, ISO 14001: 2015 & 18001: 2007 and principles of business excellence.

Financial Statement of RAK Middle East Traders LLC is attached herewith which confirms their financial stability and eligibility for supply of RMC orders for this project.

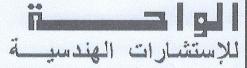
Civil Manager

Procurement Manager

## AL WAHA







Project

: G+1 Villa On Plot No. 6176168 Nadd Al Shiba Fourth--Dubai

For Mr. Mansoor Arif Salem Bin Suwaidan Alsuwadi

Contractor: M/s. Roger Ghaouche Building Contracting (LLC)

SUBMITTAL FOR APPROVAL OF MATERIAL / EQUIPMENT / DRAWINGS

SUBMITTAL No.: RGBCL/WAC/MASBSA /1-10/001 Date: 15/09/2020
We confirm the following material / equipment / drawings conform with the requirements of the specification and drawings approved for construction except as otherwise stated, also that the material sources indicated have been reviewed in detail and that they will be supplied in conformity with the following time. We request your approval for
Description : Ruinforcument Rted : Manufacturer : Emirotes Sted Industries & ISE  Material Reference : Emirotes Sted / Tindal Sted : Warranty : Warranty : Specification Comparison : Corigin : Emirotes Sted (URE) / Tindal Sted
Approval to proceed required by (Date):  Estimated Arrival at Site:  Date Material Required at Site:  P.O.Box: 3345  Dubai - U.A.E.  Submitted by: (Contractor) Signature:  Date:  Date:  AL WAHA COMMENTS Approved Approved as noted Approved Subject to Not Approved
<ol> <li>Compliance with all Local Authorities Regulations and Approvals.</li> <li>Submission of Mill Test Certificate for materials delivered at site.</li> <li>Proper storage of materials at site (to be raised above ground level and properly covered)</li> <li>Samples of all specified diameters of reinforced bars should be submitted for testing.</li> <li>The following tests should be carried out by an approved Laboratory in accordance with BS 449:         <ul> <li>Cross section (area).</li> <li>Tensile strength.</li> <li>Bend ,Re-Bend and Carbon.</li> <li>Length of sample should be equal to 20x diameter of bar (not less than 00mm)</li> <li>Our Approval does not include the Jindal Steel (Approval includes only Emirates Steel)</li> </ul> </li> </ol>
Approval shall not relieve the Contractor of his liabilities under the contract or constitute authorization of any change to the Contract Documents
Signed :Supervising Engineer Signed :Manager

a for







## SUBMITTAL TRANSMITTAL (SUB-CONTRACTOR)

	tion of Private Villa for Clic l Sheba 3	ent on Plot No. 61	66760 Da	te: 27-Aug-2019
Engineer Project N	umber: D17-40			
Submittal No.:	GC152-AGCEW-CE-SCR	-0003	Re	vision: 00
TRANSMITTAL A	To (Engineer): Dewan Archiv From (Contractor): Al Gh	ects + Engineers		27-Aug-2019 Ramy Mubarak
Discipline: □ Arc	nitectural 🗹 Structural 🗆 🛭	A/C	□ Plumbing □ La	ndscaping 🗆 🗆
Subcontractor:	died .			
Company Profi (Steel Supplier)	le of RAK Middle East	Traders LLC		
Enclosures/Attachi	nents:			
✓ Certificates ✓ Organization	☐ Chart	Licenses Others;		☑ Prequalification
□ Resubmitted f	review and approval or review and approval information only	0		time included in construction schedule mment reply sheet attached
Engineer's Comm	ents; objection	for 1	Emirate	s Steel
□ Approved Approved as n □ Revise / Resul □ Rejected / Res □ Approved as n	omit	0	Submission incomp No action required	plete / Resubmit / for information only
Other remarks on ab	ove submission/Comment Shee	20	One copy retained b	by sender  Date 2-09- 2017
n	or (Subcontractor):om (Contractor):			Date Rec'd by Contractor:
Copies:   Employ	er 🗆 🔻 🗀			☐ One copy retained by sende
/-	RECEIVED	Page 1 of	1	Form F12.3A









### Eng. Adnan Saffarini Office

Architects & Engineering Consultants

Page 1 of 1		Doc Ref.: EAS	-SCAF	Form shee	t Title:	Sup-Contractor Approval Form	
SCAF No.:	J252/ASC	.a. 56	Rev.	00	Date	Thursday, 18 July 2019	
Project Title:		PROPOSED 6318845, H	BUILDING (C ADAEQ SHIE	+2 PODIUM KH MOHAM	+ 9 FI MAD B	LOORS + H.C) ON PLOT NO. SIN RASHID, DUBAI,	
Plot No.:		6318845		Loc	cation:	DUBAI HILLS ESTATE	
Consultant's Nam	ne:	M/s Eng. Adna	an Saffarini Of	fice (EAS)			
SCAF No.: J252/ASCC/CIV/SCAF-001 Rev. 00 Date Thursday, 18 July 2019  Project Title: PROPOSED BUILDING (G+2 PODIUM + 9 FLOORS + H.C) ON PLOT NO. 6318845, HADAEQ SHIEKH MOHAMMAD BIN RASHID, DUBAI,  Plot No.: 6318845 Location: DUBAI HILLS ESTATE  Consultant's Name: M/s Eng. Adnan Saffarini Office (EAS)  Contractor's Name: Al Sahel Contracting Company LLC							
Type of Work:		CUT & BEND R	EINFORCEMEN	NT			
Sub-Contractor N	lame:	M/S RAKMET	MIDDLE EAST	TRADERS LLC			
Company Profile	Contents:		_	_			
Contractor: SUPI	PLIER FOR C	CUT & BEND REIN	NFORCEMENT	(JINDAL-OMAN	√ & SOH	AR-OMAN)	
					***************************************		
Name of Contractor's Representative:					9		
Consultant's Con	nments:						
No-	obje	Alon &	subject	ed to	fer	formonCe	
7777							
Consultant's Con	nments (Pr	oject Manager /	Resident Engi	neer)			
Approval Status:						A	
☐ Approved			Name of 0	Consultant's R	epresen	tative: Moamen Ahmed	
Approved As N	loted		Signature	: (			
☐ Re-Submit As I	Noted				,	- 11 60 14	
☐ Rejected			Date:	23 - 7-	20/0	Ilme: 11 : 00 BM	
		000			₽ <u>₩</u>		
, ,			Date:	/ /		Time::	
Note:  1. For Re-Submitte	al, copy of pr	the second desire	submittal should	d be attached.			
2. All the supporti	ve document	s must be presente	ed and filed at pr	oject site.			
3. Approval does r	not relieve th	e Contractor from	his contractual o	bligations and re	esponsibil	ities.	

ENGINEERING OFFICE Design Department P.O.Box 12185, Dubai, U.A.E.	APPLICATION FOR APPROVAL							
Project Title		Construction outling in Nakha		Project No.		FF	P-10010000	24
Client/Management	Engineering	g Office		Reference No.		FP-100100	0024/ASC/MS/S/00	23/00/0919
Consultant	Engineering	T//		Submitted Date	е		15/Sep/2019	
Contractor	Al Sahel Co	ontracting Comp	pany LLC	Response Req	. Date		29/Sep/2019	
APPLICATION BY:	CD	LIS	DD Projects	TS	Others	_,_,_,		
CONTRACTOR:			THE THE					SOMEON SERVICES
This submittal has been reviewed		red suitable NAME	s	IGNATURE & DA	ATE 3	-	、 ~ 15/09/2019	3
Contractor:	AL SAHEL	CONTRACTING	CO. LLC					•
Engineer In Charge	SHIBU CHA							
Approved By	SYED GOH	AR ALI	_					
APPROVAL FOR :	DESIGN PROPOSAL SHOP DRAWINGS METHOD STATEMENT PRE QUALIFICATION SAMPLE TEST REPORT  ✓ MATERIAL SUBMITTAL/ EQUIPMENT OTHER  Note: - Please attach relevant floor plans for all material and sample submittal. Non-compliance will result in rejections.							tion of submittal.
TITLE & DESCRIPTION	MATERIAL	LSUBMITTAL	FOR REINFO	RCEMENTS	STEEL BA	RS (GRADE I	B500B) (10 To	0.32 mmg
DOC. REF. NO.	NIL						>	
SOURCE DETAIL/LOCATION		S STEEL, UAE			JINDAL S	STEEL, OMAI		-
ORIGINATED / SUPPLIED BY INSTALLED BY		LE EAST TRA		RAK, UAE	/ )			-
INSTALLED BY	AL SAIILL	CONTRACT	NG CO. LLC					
CONTRACTORS ATTESTATION	✓ CONFIR	RMS TO SPECS.	ALTERNATI THAN SPECI	VE-EQUAL / BET FIED	TER ALTE	RNATIVE PROPO PARISION SHEET	SAL DUE TO OTH ENCLOSED	IER REASONS-
DATE BY WHICH RESPONSE IS RE	QUIRED:	29/09/2019	9					
THE SPECIFIED					Included	:   YES	ONO	
REFERENCE TO THE CONTRACT D GENERAL / PARTICULAR SPECIFIC DRAWING REFERENCE No	ATIONS SECT			E B2/C/2/G DN: 03200 CL: 2.	1			
EO's REVIEW:	MILION EN			HE TANK DE	THE REAL PROPERTY.			
(A) No diection for	Ms. R+	AKNET to	Supply	Reinfor ceme	ent Steel	REVIEWED BY:	Î	
from Mc. Emira			. 11	0		Name	Designation	Sign & Date
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& use of difference	int ma				1	12.	0 -	No /
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Single Source of texting: & Randon Somples anatorial at Sit	to be - to be - te . Subject Subject	eestable lity Con- testable to Satisfa Seperately	· Contractor and riodically actory tell be be be bowed.	frequent tron the reputs.	laintain ey of deliver		R.E.	(10) 20 00 00 00 00 00 00 00 00 00 00 00 00
Single Source of textions.  & Random Samples on Attended at Site of the Contract of the Frequency of the Conduction of the Rust Company is a fully Company in Conduction of the Rust Company in Conduction of the Co	to be fe subject stre flavage:	lestable dity Cond testad Pu f to Satisfo Sepurately a to a great Spe unit proper briar H	Contractor and riodically actory tell per	frequent to A frequent to Alberts: livery los an armid ting.	ey of delivered with			2010
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	MA	TERIAL SUBMITTAL	. 1 , 50
PROJECT NAME: JH-0013 M	IADINAT JUMEIRAH LI	VING - SALES CLUSTER PH	IASE 1
CLIENT	CLIENT REP CONC	EPT CONSULTANT DESIG	N & BUILD CONSULTANT D & B MAIN CONTRACTOR
MJL	NURIH	A ARCHITECTS NI FERNATIONAL	AL SAHEL EXT ENGINEERING CONTRACTIN CO LLC.
DATE			REF NO
22-Oct-19	Ma	terial Submittal	J250/ASCC/CIV/MAT/085
Referen	nce	Attachments	Material/Description
Specifications	B.O.Q	(x) As per Index	
D & B Specifications Div-3	Div-3	MECENTED RECEIVED	Cut and Bend Reinforcement
Use		IN TO SED	1. Union Steel Rebars
For purpose	At place	CEL	2. Hamriyah Steel Rebars
Reinforcement	Concrete work	RES	
Alternative p	roposal		
Reason	Material	Sub-contractor/Supplier	Manufacturer
		RAK Middle East Traders L	LC Union Steel Rebars Hamriyah Steel Rebars
Consultants cate & s Engineering	ign	Approval requested by ( date )	Contractor's stamp & sign
MADINAT JUMEIRA	AH LIVING		Zulio
ADDDA	VED		•
Approved		For consultant's use Approved	Revised & Resubmit
Comments	su	bject to comments	
(1.) STREETLY	COMPCY LRBMENTS.	To PROJET	Sparkerson
2. RANDOM	SAMPLOS	Those Be	
3 0 TENS	SILE STA		GNI & RESORT COMP
		No 761 Sus	il Coppy
∫ Sign & date	CENTURIO	fron a 165	ROVORTI.
(Consultant Olient Representat	tive / / A A A A A A A A A A A A A A A A A		AL SAHEL CONTRACTING CO. L.L.C.
LOMPLY TO LOGE REDNING UTTINGS BENE THE COMPTY TO S	Engir	reering Consultants	2 4 OCT 2019
a Nec DONNING	MONG MADINAT JU	MEIRAH CIVING	2 4 001 2013







Project Name:	CHERRYWOOD	S TOWNHOUSE VILL Dubai	AS - PHASE 1	Project Code:	MH-0088
	Materi	al Submittal		Ref. No. :	AMSC-CW-CVL-ST-MTS-014-00
	·	ar oabiiiittai		Date :	12 Nov. 2019
Originator (	of Submittal :	ALI MOUSA & SONS CO	NTRACTING	Required By :	
Material Div	vision / Section :	CIVIL			List of Enclosures
Specs./BO	Q/Drg. Ref. :	DIVISON 3 -CONCRET	E REINFORCING	[7] W	(Tick the related Box)
Material Sp	ecified :	Steel			
Material Pro	oposed:	Reinforcement	steel bar		
Manufactur	rer / Local Supplier :	Hamriyah ste	el FZC		
Specs./BOQ/Drg. Ref.:  DIVISON 3 -CONCRETE REINFORCING  Material Specified:  Steel  Compliance Statement  Material Proposed:  Reinforcement steel bar  Manufacturer / Local Supplier:  Hamriyah steel FZC  Copy of Related Specs.  Reason for Alternative:  Samples  Material Description: Reinforcement steel bars.  List of Previous Statement  Vendor's Technical Literature  Copy of Related Specs.  Samples  List of Previous Statement  Copy of Related Specs.  Copy of Related Specs.  Copy of Related Specs.  Received by BET: (Signature & Date)  Received by BET: (Signature & Date)  Received by BET: (Signature & Date)  Reproved as Noted  Reproved as Noted  Contractor's Statement: We certify that the material(s) submitted herewith has/have been reviewed in detail-and in compliance with the Contract drawings and specifications except as otherwise stated here above.					
Material De	scription : Reinforcen	nent steel bars.		✓ Lis	t of Previous Projects done ENGINEERS
		In uno vato		OI	hers (Specify)
<u>Contractor's S</u> and specificatio	tatement: We certify that th	e material(s) submitted herewith			D REJECTED
	/	REVIEW	STATUS		8tructural Architectural
A. A	approved B. Ap	proved As Noted C. Rev	rise and Resubmit	D. Not A	
BEST Eng	ineer's Representati	ive Comments:			23/11/19 02
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1 0	proporal sub	ne sourceast sh	A	,	her authorities.
	Engineer's Represe		all be 4spol	fer any	are cuses.
		manvo commonto.			
				2	
				a.	*
	ST Engineers ative: (Signature & Date)	NORTH25 Engineers (Signature &		Received	by Contractor: (Signature & Date)



#### Construction of Dragon City - Mixed Use Complex



#### CONSTRUCTION REVIEW FORM

Review Reference:	CRS-DOC-00853	Submitted Reference:	CDS-DOC-00928
Trade:	STR		
Date:	7/10/2019 8:32:01 AM		11.71.61
Comments:	Reinforcement shall be cut, bent or for delivery of reinforcement at site, all the Reinforcement shall be delivered to site number, reinforcement manufacturer's All reinforcement steel shall carry Duba (DM Circular No 176 dated 17 March submitted for approval (Material Delivisite shall be recorded in a register bein reports and Independent Laboratory T satisfactory test results of tests carried delivery for each Diameter (Sampling was sample selection and testing should tak Manufacturer in order to record the data.	n, 2010 and circular No. 159 dated 09 December 2 ery Approval) along with mill certificates from appring maintained to record the Reinforcement Steel Record the Reinforcement Steel Record to the stresults corresponding to each consignement. 8. Out by an approved Independent testing laboratory will be done separately from each Manufacturer) and application of the place in Consultant presence, to verify compliance the wise receipts of Steel Reinforcement, Heat Number the progress of the work, the renewed registration	display 2.2/D and ACI 315. 3. Prior to be proceed the steel shall be submitted for approval. 4. Sective element, Bar Mark, approved shop drawing be in accordance with Contract Specifications. 6. Mark which is a requirement as per Local Regulation 2007). 7. All material delivered to site should be oved laboratory/DCL. All the material delivered to ciepts. Record corresponding Manufacturer's test Reinforcement Steel approval subject to a Sample for testing to be taken from the first did test will be done as per Specs. 9. Random we with standards. Maintain a Register for each labers, Manufacturer's test certificates, Independent

#### **Deliverables List:**

Filename	Rev	Title	Code	Attachment
D15015-0200S-MUC-STR-MS-0022	02	Sohar Steel (Ms. Sohar Steel Oman)	Code2	A Company of the Comp









		TECH	NICAL DOCUMEN	T SU	JBMITT.	AL FO	RM			
Transmittal No	о.	DFP-BSX-TRAN	SMIT-00005					-		
Document No:	:	DFP-BSX-MAT-	ST-RF-00-0005			Rev.		Α	Date: 07	//07/2019
Title:		Steel Reinforcer	ment (JINDAL SHADEEI	D) - R	AKMET					
Project/Work Package:		DFP Pavilion Fra	nce Expo 2020 Dubai							
Type of Submi	ttal									
Sub-Contra	ctor /	Prequalification	Design C	alcula	ition			8 (	M Manual	
Materials &	Prod	luct Data	☐ Mock Up	Repo	ort			estir epoi		nmissioning
Company Pi			Method:			rp)		200		cify below)
Interior Des		IPTION: (Disciplin		n & i e	est Plan (IT	IP)	7		e e	
⊠ CIVIL		STRUCTURAL	ARCHITECTURAL		ELECTRI	ICAL	M	ECH	IANICAL	OTHER specify
Specification R	ef.:	Structural drawin	g FRA-EW-ST-DWG-0101	L	Location ,	/ Use:				
Drawing Ref.:		N/A		R	Reinforced (	Concrete				
BOQ Ref.:	ef.: N/A				Manufacturer / Origin Oman					
Activity ID:		N/A		I	ncluded i	in Vend	or List	:	Yes	No 🗌
Note: Please use add	itiona	sheets, if necessary	3			Λ				
Name: Tame	er Ha	ssan Po	sition: Technical	Sig	gnature:	al a	cunt		Date: 07-07-19	
Consultant Rev	iew:		Manager		11	10	Receive	ed:	07-07-15	9
RBG Com No objection approval		nts: ubject to samp	ole test			Db No: M8613 REVIEW REVIEW REVIEW NOT RE	/ED - WIT /ED - AMI		Member of the S	Bird Group  urbana Jurong Group
					COI	MPLIANCE WITH THE F THE CONTRACTOR	E CONTRACT DO COMMENTS INC OULD ANY VARIAT RACT VARIATION	CUMENTS CLUDED C TON TO TI I APPROV WC	UCTURAL COMPLIANCE W S AND ALL DIMENSIONS AF NOTHIS DOCUMENT ARE N HE CONTRACT BE INVOLV AL IN WRITING BEFORE PI PRK.  Pty Ltd Dubai Branch	RE THE RESPONSIBILITY OT TO BE CONSTRUED
					SIG	GNED: <b>Khale</b>		ila Gioup i		28/7/2019 APPROVED
Note: Please use addi  ☐ C - Revise and R			ion with Comments \ \ \ \ \ \ \ \ \ \ \ \	lo Obje	ection D	= Review 1	Not Requ	iired		
Name:			Position: CSC		Signature		•		Dat	e:
Khale	a Er	nad								28-07-19





Advisian

#### **PROJECT UMM AL QUWAIN CREEK WATERFRONT DEVELOPMENT**

To: Mr. Mohamed Aboughazy (Project Manager)

WORLEYPARSONS ENGINEERING PTY LTD

Contractor: SIX CONSTRUCT

PO box 124725, Dubai UAE					
,		SUBMIT	TAL DESCRIPTION		
☑ Material Submittal		Manpower Report		□ Oth	ers ( )
□ Pre-qualification		Test Result		1	
☐ Method Statement		PQP Plan			
□ Weekly Report		List of Manpower			
☐ Monthly Report		Shop Drawing			
Document Number:	UAQ-SIX-MAR	-CO-00-00017			SAMPLE
Revision	00				
Description:	(Emirates/Hamriyah/Union/Jindal				
Manufacturer /Supplier/ Sub- contractor	RAK Middle E	ast Traders LLC.		1	Sample Attached
Christopher Henderson Project Manager Six Construct LLC	Consultant (Stan		Sep-19		,
		Revie	wer Comments:		
1. Nessassary To 2. Cut, bend po 3. Submit a.s.	ests 8 hall null form sample of	l be corriged ed shall be ( Steel.	continued	ndauce	edance with project spece
Visa		Reviewed by: Na	me		Ali eid
Approved (A)		Po	sition	4	DRE
Material Submittal					
Revise and Resubriit ( C)	(15)	10 10 11 10 Co	nsultant (Stamp & Sign)		23 24 1 27 Alical
SUBMITTAL DESCRIPTION    Material Submittal	RECEIVED				
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For Information (F)	4	743		1	Was I





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# PROJECT UMM AL QUWAIN CREEK WATERFRONT DEVELOPMENT

To: Mr. Mohamed Aboughazy (Project Manager)

WORLEYPARSONS ENGINEERING PTY LTD

PO box 124725. Dubai HAF

Contractor: SIX CONSTRUCT

			SUBMITTAL DESCRIPTION					
Ø	Material Submittal		Manpower Report		Others (	)		
	Pre-qualification		Test Result					
	Method Statement		PQP Plan				2	
	Weekly Report		List of Manpower		CIRC	UAQ	N	
	Monthly Report	0	Shop Drawing		DATE:		COPY	
Docu	ment Number:	UAQ-SIX-MAR-	CO-00-00037		P.VI. T.M./STE C.M.	ACTION	SAMPLE	
Revis	ion	00		L	Sité Supt. Site Eng/T	0 .		
Desci	ription:	Material Subm Hamriya (UAE)	ittal for Steel Reinforcement as per BS-444 Steel Rebars	9 -	QS Planner ADMi QA/QC			
	facturer /Supplier/ Sub- actor	Rak Middle Ea	st Traders LLC.		Store Plant HSE HO-DKB			
For an	d on behalf of the Contractor				HO Accour	its		
	r opher Henderson : Manager	M	Date 16-Sep-19					
Six Cor	nstruct LLC	Consultant (Starr	p & Sign)		L			
			Reviewer Comments:					

No Objection for reinforcement steel manufacture Hamriya (UAE) steel rebars subject to the following:-

- 1- Sampling of reinforcement steel shall be tested/witnessed by engineer in accordance with BS4449;
- 2- Grade of reinforcement steel shall BS:4449 Grad B500 as Per project specification clause CON4 .5.1;
- 3- The minimum Modulus of Elasticity for any reinforcing steel bar shall be not less than 200 kN/mm<sup>2</sup>;
- 4- Sampling for every 5,000 m length shall be collected and tested for checking compliance with project specification requirements Clause4. 5.3;
- 5- Material delivered to site shall be tagged and the tag shall contain the mill test certificate number, shop drawing reference, diameter of bar, bar mark, bare shape, etc.

Visa Reviewed by:		Name	Ali eid	
Approved (A)			Position	DRE
Approved with Comments (B)	P		Date	19-9-2019
Revise and Resubmit ( C)		12 13 14 15 )	Consultant (Stamp & Sign)	Alico (20) 21   22/23/3
No Approval Required (D)	- /·	11)		
Rejected ( E)	06	RECEIVED	10 4	No. Wall
For Information (F)	7 8	SER 2019	20/2	
	100	S CONTROL S		in of 6 low





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# PROJECT UMM AL QUWAIN CREEK WATERFRONT DEVELOPMENT

SUBMITTAL DESCRIPTION

To: Mr. Mohamed Aboughazy (Project Manager)

WORLEYPARSONS ENGINEERING PTY LTD

PO box 124725, Dubai UAE

Contractor: SIX CONSTRUCT

☑ Material Submittal	□ Manpower Report □ Others ( )								
☐ Pre-qualification		Test Result							
☐ Method Statement		1 Gr Flatt							
□ Weekly Report		List of Manpowe	F			JLATION JAQ			
☐ Monthly Report		Shop Drawing			DATE:	ACTION	СОРУ		
Document Number:	UAQ-SIX-MAR-	-CO-00-00038		,	J.M./STE C.M.	SAMI	PLE		
Revision	00			J	Site Eng/TO				
Description:	ion: Material Submittal for Steel Reinforcement as per BS-4449 - Jindal (Oman) Steel Bars								
Manufacturer /Supplier/ Sub- contractor									
For and on behalf of the Contractor  Issuer  Christopher Henderson Project Manager  Date 16-Sep-19  Six Construct LLC  Consultant (Stamp & Sign)									
			viewer Comments:	· · · · · · · · · · · · · · · · · · ·					
No Objection for reinforcement steel manufacture Jindal Shadeed Iron and Steel LLC subject to the following:-  1- Sampling of reinforcement steel shall be tested/witnessed by engineer in accordance with BS4449;  2- The minimum Modulus of Elasticity for any reinforcing steel bar shall be not less than 200 kN/mm²;  3- Sampling for every 5,000 m length shall be collected and tested for checking compliance with project specification requirements Clause4. 5.3;  4- All the test result should be submitted for approval;  5- Material delivered to site shall be tagged and the tag shall contain the mill test certificate number, shop drawing reference, diameter of bar, bar mark, bare shape, etc.  6- Grade of reinforcement steel shall BS:4449 Grad B500 as Per project specification clause CON4 .5.1;									
Approved (A)			Position Name		DRG/A	lieu			
Approved with Comments (B)	2		Date		30-	9 - Za	19		
Revise and Resubmit ( C)		1 15 16 17 7	Consultant (Stamp & Sign)		D	ier	2012		
No Approval Required (D)		WED V		ov:	1	8 19	30/3/13	1333	
Rejected ( E) For Information (F)	6	158 501A	2	1		5 16 17	SE		
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# PROJECT UMM AL QUWAIN CREEK WATERFRONT DEVELOPMENT

To: Mr. Mohamed Aboughazy (Project Manager)

WORLEYPARSONS ENGINEERING PTY LTD

PO box 124725, Dubai UAE

Contractor: SIX CONSTRUCT

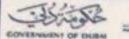
			SUBMITTAL DESC	RIPTION			
Ø	Material Submittal		Manpower Report		Others ( )		
	Pre-qualification		Test Result				
	Method Statement		PQP Plan		CIDCI	JLATION	
	Weekly Report		List of Manpower			JAQ	
	Monthly Report		Shop Drawing		The Company of	ACTION COPY	
Docu	ment Number:	UAQ-SIX-MAR-	CO-00-00036		LM./STE C.M.	SAMPLE	
Revis	ion	00		2	Site Eng/TO QS		
Desc	ription:	Material Submittal for Steel Reinforcement as per BS-4449 - Union (UAE) Steel Rebars			Planner ADM QA/QC Store		
Manu	facturer /Supplier/ Sub- actor				Plant HSE HO-DKB HO Accounts		
For an	d on behalf of the Contractor		c	. ]	FILE		1
Project	opher Henderson t Manager	7 (1				V someon (II	
Six Cor	nstruct LLC	Consultant (Stam	p & Sign)				

#### **Reviewer Comments:**

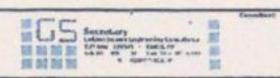
No Objection for reinforcement steel manufacture Union Iron and steel company LLC subject to the following:-

- 1- Sampling of reinforcement steel shall be tested/witnessed by engineer in accordance with BS4449;
- 2- Grade of reinforcement steel shall BS:4449 Grad B500 as Per project specification clause CON4 .5.1;
- 3- The minimum Modulus of Elasticity for any reinforcing steel bar shall be not less than 200 kN/mm²;
- 4- Sampling for every 5,000 m length shall be collected and tested for checking compliance with project specification requirements Clause4. 5.3;
- 5- Material delivered to site shall be tagged and the tag shall contain the mill test certificate number, shop drawing reference. diameter of bar. bar mark. bare shape. etc.

Visa		Reviewed by:	Name	Aliend
Approved (A)	0		Position	DRE
Approved with Comments (B)	8	0113 14 15	Date	19-9-204
Revise and Resubmit ( C)		ATT PC	Consultant (Stamp & Sign)	22 23 24 1/2
No Approval Required (D)		RECEIV	E0 (3)	RECEIVED TO
Rejected ( E)		1 8ER 2	019	55 1 6 55 2019
For Information (F)		DAQ	To To	WorleyParsons
		151319	100	Si ci zi li di







## MATERIAL (Sample/Mockup) SUBMITTAL

Project Name:	Phase no.	Project No.:		Submittal Date:	Submittal Reference, No.   Rev.No.
Public Bus Station Development			/BFD/1053A	Submitted Section	BCG-MS-C-001
		FOR CO	ONTRACTOR's USE		
Issued For:	Discipline:				Approval Status:
☑ For Approval ☐ Others	Civil / Structural	Landscaping	Plumbing	☐ Equipments	☐ A-Approved ☐ C-Revise and Resubmit
☐ For Coordination ☐ For Information	☐ Architectural	Artifacts	☐ Electrical	☐ Authorities	S 8- Approved With Comments D- Rejected
	☐ Interior Design	□HVAC	☐ Electronics	☐ Others	
waterial Description: Emirates (UA	E) Hamriyah (UAE) Union (	UAE) Jindal Steel (Om	an) Sohar Steel (Oman) S	Steel Rebar	Technical Details Journal of the Sans
					Sample Provides
The state of the s	dle East Trading LLC		ranty Period/Duration:	-	Availability of Material.
opplicable Standards:			rranty Period/Duration	K	read time sector ex-
Country of Origin:			Reference:	-	Expected Date & Time required at Site:
ocation of use:		Mate	rrial is BOQ Item:	DYES DNO	Time of Delivery to Site:
roject Specifications Reference:		Mate	erial is Provisional Item	E DYES DNO	Supplier Octails:
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LTERNATIVE MATERIAL:	Pricase	His delow)			
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ost Implication of Alternatives	DYES DNO				
uality implication of Alternatives	DYES DNO				
bmitted by:		Signature:		Date :	Company Seal:
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Ed 10 000 7 Fee Minimum	Sanatura ( Date		tion Manager Signatu	ire / Date:	Director's Signature / Date:
	Signature / Date:	Revise	and Resubmit		
	Approved with				
V	Comments		o datal analogi substitut	ont, test methods or ma	terial developed or selected and compliance with the QA/QC and QSH
	responsibilities to ensure cu	suprance with the design	of agent account of the contract		
POS.  NUMBERS AND FACILITIES PREASURED.					
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Itant Contractor		Contractor The Employer's Representative			Document Submittal		No. Revision No.		F13-QP9.1-KA	
110 8 AL	DIA ALAMI		V	نورث 25				Revision Date  Approved by		Oct. 2017 Nik Rowley
ct:		MH-00 Works		neira Additional Infrastructu	re	Reference No.		BCG/PJ/	DT/005	
act No.		MH-003				Date :	L	24-Feb-1	19	
activo.			lin Contracting	Group LLC		Revision No.		0		
:		20-Jan-1			TO:	15-Jun-19		L		
						<u> </u>				
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	eer's R Approv		B. Approve	d as Noted   C. Revise & Res	ubm	it 🗆 D	. Reje	cted 🗆	E. For Informatio	n Only
Comm	ents:	ہک ملات	marce San	there is to	SV	Somit of	mo Gr te	ten	iento	cenes

This approval does not relieve the Contractor from its obligations outlined in the Contract documents

DISTRIBUTION:

Original : 

CONTRACTOR

Copies : ☐ OWNER ☐ K & A

F13-QP9.1-KA, Rev 1 Oct 2017











#### **AKOYA OXYGEN PHASE 7 - CLUSTER N2 & M1**

Form No.: SPM/PA/STS/001/00

SUBMI	TTAL TRANSMITTAL SHEET	<u>#</u> 0108	
Project Name	Akoya Oxygen Phase 7 – Cluster	Project No.	P106.27/2
	M1 & N2 on Plot No. 9160101	Date	20/02/201

Submittal N	o.:	CSCEC	32/P106.27/29/	MS-124/021	Revis	ion:	00		
Submitta	bmittal Title: Material Submittal for Steel Re					nforcement			
		nder sepai	rate cover the dr	awings / docun	nents / sa	amples listed be	elow:		
ITEM NO.			DESCRIPTION		TYPE	COPIES	REMARKS		
1	Volume 2 – Book 2 Section 032000	5	Steel Reinforc	ement	MS	3 Hard Copies & 1 Soft Copy			
TYPE: SD= S	hop Drawings, SM=	Sample, GT	= Guarantee, MD= N	Manufacturer's Data	a, CT= Cer	tificates, TT= Test	 Results, OT= Other		
	/ Manufacture		M/s RAK Mic			13	14 15/10		
We certify	that the docume	ents / mat	erials submitted	herewith have	e been re	eviewed in deta	ail and are in stric		
conformand	ce with the contr	act drawin	ngs and specifica	tions except as	s otherwi	se stated.	CEIVED CO		
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Project N	<i>l</i> lanager	De	ate: 280 mm2	2019	Date:	lo la			
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				1721	5	'B' Approved As Noted			
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3- Rece	ent 3rd par	ty test	Results tol	De Submilled	De la constantina della consta		Approved		
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### طلب اعتماد مادة تعاقدية

المرجع:		التاريخ: 04-12-2019				
P2019/2-A/G	رقم العقــد	نطقة السيوح ( 16 ) في إمارة الشارقة –	اسم المشروع مسكن م			
برنامج الشيخ ز	الاستشاري		(   9   0   )			
ان اللكة ملامديا		ميان المادة	موقف المادة			
			Reinforcement Steel			
ختم وتو			السادة / برنامج الشيخ زايد للاس يرجى التكرم باعتماد المادة المرفقة			
	عدم موافقة 	مة: موافقة	توصية مهندس استشاري استداه			
			التوقيع			
ت الازمة معجوة الاعم	موافقة على المراح المرا	16 - 81 3	توصية مهندس المشروع/مهندس لإسماريخ الرعمة الحكم حسر ويررق			
			رفعا جرانيا			
	عدم موافقة		توصية إدارة المشروع: المعانع من المق الم والمكر اليم المروط و المواا			
مدير الشروع / را	Seminaria de la companya de la compa	alicenson de la constitución de	يعتمد،،،			
	Hamriyah Stee	P2019/2-A/G       برقم العقد الشيخ ز         الاستشاري       بيان الماركة والموديل         Hamriyah Steel       R         موافقة       ختم وتو         موافقة       اللارحمة         عدم موافقة       اللارحمة         عدم موافقة       اللارحمة         عدم موافقة       اللارحمة	المعرفية السيوح (16) في إمارة الشارقة — رقم العقد المساكن — (188) عدد المساكن — (18) في إمارة الشارقة — رقم العقد المساكن — (18) المجموعة الشيخ والموديل المستشاري المائكة والموديل المستشاري المائكة والموديل المستشاري الموافقة المساكن — (1888) عدم موافقة المستشاري الموافقة المساكن المستشاري الموافقة المساكن المستشاري الموافقة المساكن المستشاري الموافقة المساكن المستشاري الم			

برنامج الشيخ زايد للإسكان Sheikh Zayed Housing Programme خديد بعروم اسعار او ببوت مع إمان ف تحديد بعروم اسعار او ببوت مع إمان ف تحديد بعروم المان الاسترشادية للمواد لتعامد في المحاد (Ref: CS-AH-MSUB-02919 -00287 طلب اعتماد مادة بديله



13/10/2019

التاريخ: 2019/09/03

المقاول

البركة انشاء و انجاز و صيانة مجمع سكني عدد (482) 2016 / 4 رقم العقد اسم المشروع مسكن حكومي في المنتزي (1)، بامارة عجمان شاينا ستيت كونستراكشن انجنيرينغ كوربوريشن ميدل برنامج الشيخ زايد للاسكان. الاستشاري

Oman Jindal steel	Reinforcement steel	بديله
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Restation Consound  482 House Special State Special Sp	ا للحترمين المحترمين المرفقه طبقا لبنود التعاقد	سادة / برنامج الشيخ زايد رجى التكرم باعتماد المادة ا
Material Submittal	استدامة: موافقة عدم موا	صية مهندس استشاري ا
Geres Management Services L.L.C.	المشروع: موافقة عدم	وصية مهندس استشاري
ل للاصباراے اللائدة (مَشِرُ بَاہُدُ)	بعل غينما عنها يمع و ور	إلى فيثر ر:
البيريات (خروخ) احيار باروا	ميكما ارمنطابات إيمار العار المعاد لهبدلة)	مفلوب إسة العَامَديُّ و
	موافقة عدم موافقة	توصية إدارة المشروع <u>:</u>

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#### MATERIAL APPROVAL FORM

MATERIAL SUBMISSION No: PR015-MH0051-DXC-MAT.S-043

PREVIOUS SUBMISSION RE:

(IF SUBMITTED)

CLIENT	
--------	--

: MERAAS DEVELOPMENT

CONSULTANT CONTRACTOR : AECOM MIDDLE EAST LTD : DX CONTRACTING LLC

Vol. 3 Part 2 DM Specs 3.10

Reinforced Steel Bar (Alternate Supplier)

d/12A/3, d/6B/5, d/8B/1, d/9B/1, d/9B/4, d/10B/4, d/13B/7

PROJECT

B.O.Q REF.

: SATWA ZONE S - PHASE 2 - CONSTRUCTION OF ROADS & INFRASTRUCTURE WORKS

PROJECT NO.

MATERIAL DESCRIPTION

DATE OF SUBMISSION

DATE OF APPROVAL

SPECIFICATION REF.

: MH0051

17-Sep-19

	DRAWING NO. & STATUS OF CONSTRUCTION DRAWING	DM Standard Drawings		13131	1001				
	NAME & ADDRESS OF MANUFACURER	Emirates Steel / PO Box 9022, Abu D 404, Sohar, Oman	nirates Steel / PO Box 9022, Abu Dhabi ; Hamriyah Steel / PO Box 42142, Sharjah ; Jindal Iron & Steel / PO Box 14, Sohar, Oman						
	LOCAL AGENT	RAK Middle East Traders LLC	RAK Middle East Traders LLC						
	TECHNICAL LITERATURE	Attached				X Co	ntractin	$\mathbf{g}$	
	SAMPLE								
	CONTRACTOR:	DX Contracting LLC	Name: (Project M		dy AND R	DADS AND INFRAS	PHASE 2 - CONSTRUCTION TRUCTURE WORKS	ON OF	
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Name:

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### **NORTI-25**





PROJECT MANAGEMENT CONSULTANT MERAAS DEVLEOPMENT LLC NORTH25 PARSONS OVERSEAS LIMITED DX CONTRACTING L.L.C. PROJECT: MH-0021-Jebel Ali Labour City-Contract 2-Roads and Infrastructure Works in the Area 4A, Ref.no. PR017-MH-0021-DXC-DCS-011 A, B & C DOCUMENT SUBMITTAL O Method Statement O Technical Pre-Qualification O Commercial O Miscellaneous 2 Hard Copy + 1 CD Pre-qualification document For Steel - 8mm,10mm,12mm,16mm,20mm,25mm Subcontractor / Supplier: RAK MIDDLE EAST TRADERS LLC Source: HAMRIYAH, UNION, JINDAL Epoxy Coated Steel: Sewerage & Storm Normal Steel: Portable Water Chamber & Etisalat Manhole ontracting SPECIFICATION CLAUSE Ref. 0021 - Jebel Ali Labour City - Construction N/A Infrastructure Works In the Ar DATE OF SUBMISSION 28-10-19 PROJECT MANAGER Eng., ISA TOHIDI SIGNED DATE: 28-10-19 M CONSULTANT DATE RECEIVED COMMENTS DATE STATUS 30 Oct PARSONS OVERSEAS LIMITED 2019 STATUS APPROVED APPROVED AS NOTED (AN) REVISE & RESUBMIT (RR) DISTRIBUTION PROJECT MANAGER **BRIDGE ENGINEER** ROAD ENGINEER QUANTITY SURVEYOR MATERIAL ENGINEER RESIDENT ENGINEER CHIEF SURVEYOR PARSONS OVERSEAS LTD. GENERAL FOREMAN

Project:	Consultant:		Request No.
R1050 - RAS AL KHOR MASTER DEVELOPMENT OF PLOT NO. 614-283 - LANDSCAPING WORKS	Al Wasl Al Jadeed Consultants P.O Box 24427 Dubai, UAE	al wasl al jadeed consultants	PR016-R1050- DXC-MAT.S-017
Employer:	LS Sub-Consultant :		Rev
Al Wasl L.L.C. P.O Box 23073 Dubai, UAE	LMS International Landscape Architecture P.O Box 24427 Dubai, UAE	LMS INTERNATIONAL	00 Date
புடி ed ājtəj க உடி க ச Asset Management Group	Main Contractor:		23-Sep-19
	DX Contracting L.L.C. P.O Box 79857 Dubai, UAE	DX Contracting	

#### SUBMITTAL FOR APPROVAL OF MATERIALS

	1. MATERIAL DES	CRIPTION	(one item only		widel for 5	Steel Debe					
				Material Subr	nital for S	teel Rebars					
	Area of Application	· Concrete	areas								
	Drawing Ref.	:	u.043		B.C	D.Q. Ref. No.	Ref. No. :				
	Specification Ref.	SECTION	N 32 14 00			indards	·				
	Attach all relevant	technical I	iterature marke	d to identify rele	************		ent Test Certificate	s. samples as a	ppropriate		
	2. MANUFACTURE	ER/SUPPL	IER:				i det del inicate	-, Jampico ao a	ppropriate.		
	Company Name :										
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	Local Agent : 3. <b>DELIVERY</b> :	IVI/S: Kak	Middle East Tr	aders LLC			RECE	WED			
	Country of Origin	· 114E					A				
	Γ Availability	· UAL					Z 3 SEF	2019			
		ally Manufactu	red	○ Ove	rseas			1	-		
	Delivery	: Ex-works	s/ Total Duratio	n			BY:	TIME: 41	BOPM		
	and the statement of th		d Time of Arriv								
	Program	· Data Ma	terial Required	on Site							
	riogram		ate for Order	OII OILE							
	We certify that the above su			in detail and are come	ect and in strice	ct conformity with	the contract drawings and				
	We certify that the above su specifications except as oth	nerwise stated	also that the materia	sources indicated ab	ove have bee	en reviewed in det	ail and that they will supply	,			
	the submitted items in confo	ormity with the					( )				
	ENG. HAITHAM NAS	SAR:	R1050 - RAS AL KHO	me timely.  R MASTER DEVELOPME NO. 614-0283	Sig	nature:	73/9				
	4. ENGINEER'S R	EPRESEN				-					
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	Signature:	, , ,	Dr. A	VII Al Khateeb	DATE:	1 0/~	- prola	1			
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#### PROJECT NUMBER: RFX-2131800022/2018

<u>Project Description</u>: Supply, Installation, Test and Commission of Water Distribution Network of GRE Pipes at Various Locations in Dubai Including Large Meter Connections and Associated Works

	MATER	IALS APPRO	VAL - SUBMI	SSION FORI	<u>M</u>			
TO:			FROM:					
M/s: DUBAI ELECTRICITY & V	VATER AUTHOR	RITY	M/s: Green Oasis Gener	ral Contracting Com	pany LLC			
MATERIAL SUBMITTAL NO : 4	7	BOQ Ref.No : NA			DATE: 31/07/2019			
Schedule of Components No :	NA	RIVISION NO : 00	Drawing Ref.No : DEWA GOC-PW22-SP-31-MBV,		Specification Ref.No: 4.29.3			
Material Description	: Steel Reinfor	cement (Epoxy Coate	d 25mm) (RFX-2	2131800020-				
Size & Quantity	: Size : 25mm	States		/ Re	1 No. 10772			
Area of Application	: For Three de	vice chambers in 40	lifferent locations (Lifti	ng Hook)	0 1 AUG 2019 😕			
Manufacture Name&Address	: M/s Emirate	M/s Emirates Steel Industries						
Country of Origin	: UAE			1,3	Sa Coll			
Supplier Name & Address	: M/s RAK Mie	idle East Traders LLC		-	2 3r) & 130			
Contractor Signature & Seal	: Mul	Green Oasis Gen	يركة الواحة الخضراء <del>المقا</del> eral Contracting Co. 111	â				
ENC	LOSURES:	P.O. Box : 48	582, Dubai - U.A.E	CONSULTANT CO	OMMENTS:			
☐ 1, BOQ PAGES	8. ISO&OTH	ER CERTIFICATES	5, Fax: 04-429 3141	6				
2. SPECIFICATION PAGES	9. WARRAN	TY CERTIFICATE		S FECT	E9 (E)			
3 TENDER DRAWINGS	10. COMPAN	IY PROFILE		W.11516 50.00	ADEPT.			
COMPLIANCE STATEMENT	D. ORIGINA	L CATALOGUE		2 0 5 Alio	7019			
5. TECHNICAL DATA SHEET	PREVIOU	JS APPROVALS		My y	f J			
6, SHOP DRAWING	13. PAST SU	PPLY RECORDS						
7. TEST REPORTS	☐ 14. SAMPLE	s	SEAL & SIGNATURE :	1	DATE:			
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DESIGNATION	AM / Project Engineer	Manager/Engineer- SCADA & IC	Manager/Engineer- Electrical & Mech	Manager-Materials	Sr. Manager - SM EW			

Client



DANUBE PROPERTIES DEVELOPMENT LLC.



Main Contractor



GULF ASIA CONTRACTING CO. LLC.

#### APPROVAL OF SUPPLIER

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Duningt	Project LAWNZ BY DANUBE							Project Code: 7877			
Project Name:	(Comme	rcial & Residential Buil	ding-B+LG+G+7F+	⊦R)		Da	ate: 28-0	9-2019			
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Descrip	tion						Alternative Proposed				
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#### **MAZEN FAHMI MOUSTAFA AKELA**



Tel: 04-4274449 / Fax: 04-2977782 Email: gac\_uae@elm.ae

	DOCUMENT TRANS					
Project:	LEERBACH PALACE (G+3	Podium+15 Typical Floor		*10/11/17		
Client:	Mazen fahmi moustafa akela					
Consultant:	Canadian consultant					
Main Contractor	Gulf Asia Contracting Co.LLC	C Sub-contractor	R	AK MIDDLE	EAST TRADERS LLC	
Project Manager	Mr.Anil Kumar	Sub-contractor R			DIDI TRUDERO ESC	
Signature	Signature					
PLEASE FIND ENCLOSED	THE DOCUMENTS WITH REGARDS	TO: STEEL		The second second		
☐ Architectural	Civil / Structural	☐ MEP Services			□ Others	
For:	roval	Information			□ Others	
For Consultant use:		Received by Consul	tant: Eng	9-/AL	13/11/2019	
No objection 7	or approval Submit	ted to so				
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Approved	Appro Appro	ved as Noted		☐ Rejected		
Received by Contractor			Da	ate:		

1. Documents rejected must be resubmitted for approval within one week.

2. Any such consent shall not relieve the Contractor/sub-contractor from any liability or obligation under the Contract and he shall be fully responsible for the above said works.

3. We as a Contractor certify that the items submitted herewith have been reviewed in detail and are in strict conformance with the Contract Documents except as otherwise stated.

4. Corrections or a comment made relative to submittals during this review does not relieve the contractor from compliance with the requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication process and techniques of construction; coordinating his work with that of other trades, and performing his work in a safe and satisfactory manner.



#### The Business Centre Al Garhoud (3B+G+M+3+R)Plot No.214-0545 Project Code 11-1191



PREQUALIFICATION	SUBMITTAL	I A	RT-2016-10-PS-41-R0
			K1-2010-10-P3-41-R0
To M/S. ART CONSULT Please review the prequa	FANTS alification submittals:		
	Civil/Structural	☐ Architectura	Electrical
Discipline:	Mechanical	☐ Plumbing	Others
Durance of Cubustitus	For Approval	☐ For Informat	_
Purpose of Submitta	11;		
Details of Submittal	P		
Vendor Name:	Company Profile / Pre-Qualif	cation For M/s. RAK Mi	iddle East Traders LLC
Description of work to be done:	Reinforcement Steel (Emirate	es Steel) - <b>(Standby Su</b>	ipplier)
Submitted By:P.M Maso	ood Ahammed Signa	ture:	Date: 03-Sep-2019
			ART CONSULTANTS
ART CONSULTANTS'	COMMENTS:		0 3 SEP 2019
☐ Approved	Approved with Com	ments $\square$ Not	Approved, Re-Submit
Comments:	mple to be chosen by manufacture recommendation the project's specifical branch to be sur modelli		
Reviewed by:	hord Signat	in imma AD	Date: 12/9/2019
Confirmed by:	Signat	ure:	Date:
Client (JAM) COMME	NTS:		
Approved	Approved with Comm	nents 🗆 Not	Approved, Re-Submit
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Confirmed by:	Signat	ure:	Date:
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RT Comments shall not be consi	idered as a reason of claim of any typ I. if he considers that ART comments	e unless it is issued via E.I.	
	See	остоп ппанса от ите ипрасі	mond @ 12:16 pm
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Substation					
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ROM : Larsen & Toubro Limited ECC Construction Group	lime of	Inspection	-		
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Discipline : ☐ Arch ☐ Struct☐ Mech☐ Elec☐ Pl			Floor:		Dept.
DETAILS OF MATERIAL INSPECTION:					
Reinforcement Steel : (8mm to 32mm)					***************************************
Source : (1) Emirates Steel Industries, UAE	(2) Hamriyah	Steel, UAE			
Supplier: RAK Middle East Traders LLC	tte		Charles 1868 (Phillips of Print of Phillips of the Charles of the Assessment of the Charles of the Assessment of the Charles o		
Quantity Required		Quantity Del	ivered	T	otal Quantity
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Attachments: Technical Datasheet & PQ d	ocuments	00 11 15		101	10
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Project :	EMAAR, DI	ubai Hills Est	ate Development, Golf	Suites	Reference No.	P70004/PIC/	KA/PQ-CVL-017	
Contract No.		CD/MBR/GS	/MCW/LOA 6298	***************************************	Date :	14	-08-19	
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SUB-CONT	FRACTOR:		Rak M	liddle E	ast Traders LL	.C		
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ADDRESS	Ē		Ras Al Khaimah <b>Tel</b>		2585459 Fax, 30x 5647	+971 7 258545	69	
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No.	F02 QP9.1- UAE
Revision No.	1
Revision Date	Oct. 2017
Approved by ·	

KHATIB & ALAMI	PIC.	EMAAR	Revision Date			Oct. 2017		
Project :	EMAAR, Dubai Hills Esta	te Development, Golf Suites	Ref No.	· P70004	/PIC/KA/MS/CV	/L/106		
Project Manageme		Ellisdon	Date:	30-10-19		0		
Contractor :	<b>-</b>	nal Contracting L.L.C	Contrac		R/GS/MCW/LO	A 6298		
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waterial Description								
Location / Area :	S	ubstructure & Superstruct	ure	□ (A) Proce	ed			
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Manufacturer / Sup	pplier :			Required:				
Company Name :	M/s	s RAK Middle East Traders	LLC	□ Samples				
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Delivery :		ciata Gai			ıfacturer's Guara	intee		
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This appr	oval does not relieve the	Contractor from its obligat	ons outlin	ed in the Contrac	tdocuments			
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CONTRACTOR

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□ K&A

Original:

Copies :

**Expo Village Development** 

**DWTC** Dubai

United Arab Emirates



MAIL TYPE MAIL NUMBER REFERENCE NUMBER Workflow Transmittal KEO-IC-WTRAN-021078 KEO-IC-WTRAN-021078

#### Final (WF-018432) CP07-Prequalification of M/s RAK Middle East Traders LLC (RAKMET) for Supply of Rebar Cut and Bend - Alternate Proposal

Mr Zahir Al-Saadi - KEO International Consultants From

To (8) Mr Ajith Nair - China State Construction Engineering Corporation Middle East (+7 more...)

Mr Clive Parsons - AECOM (+26 more...) Cc (27)

Sent Sunday, 30 September 2018 8:44:47 PM GST (GMT +04:00)

Status N/A

#### DOCUMENT ATTACHMENTS (1)

(0 selected)					
File	Document No	Revision	Revision Date	Title	Status
کی	PN1502-CP07- PQ-ST-CSC- 00176	00	26/09/2018	Prequalification of M/s RAK Middle East Traders LLC (RAKMET) for Supply of Rebar Cut and Bend - Alternate Proposal	B - Approved As Noted

#### MESSAGE

#### Workflow Review History

The attached documents have completed the "CP07-Prequalification of M/s RAK Middle East Traders LLC (RAKMET) for Supply of Rebar Cut and Bend - Alternate Proposal" workflow with the following results :







PROJECT NO.	P-1020
Revision No.	0
Revision Date	12-12-18
Approved by	

	1-110	السنارة		THOUZOT HO.	1 1020
<b>*</b>	STRO	iiiniihi	Request For	Revision No.	0
			Supplier Approval	Revision Date	12-12-18
KHATIB & A				Approved by	
Project :		Residentail Development	Reference No.	SEF/K&A /P-1	
Consultant :	***************************************	Consolidated Engineering Company		Wednesday, Ma	y 29, 2019
Client :	M/s. Dubai Sports Co		Revision No.	0	
FROM:	M/s. Stromek Emirat	es Foundation L.L.C	TO: M/s. Khatib & Alami	Consolidated Engineeri	ng Company L.L.C.
PLEASE Supplier		LOWING AS A SUPPLIER IN TE	HE ABOVE MENTIONED IIDDLE EAST TRADERS		
JOB DES	SCRIPTION :		Steel supplier	LLO	
ADDRES	SS ·				
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COMME	RCIAL REGISTER	<b>7</b>			
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All requests n	nust be submitted to th	e Engineer's representative :		3 0 MA	v 2010
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				Sign:	Time: 7:15
Engineer:				Control of the Contro	
☐ A. Approved	B. Approved with	Comments   C. Revise and Res	submit	☐ E. For Info	rmation Only
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(2/	Tinddal ?	3) eel, Sohow E	Steel Union	n Steel	Kor
Yes,	TIME PX	soiect only	,		
Engineer's R	Rep. :				
NAM	E:	SIGNATURE:	DATE	:	
				8.6.	19
	<b></b> .				
	inis approval does n	ot relieve the Contractor from its o	opligations outlined in the	Contract docume	ents

DISTRIBUTION:

Original:

□ CONTRACTOR

□ CLIENT Copies:

□ K&A

P-1020-D1002 AL AHLY CLUB RESIDENTIAL DEVELOPMENT 0 8 JUN 2019

RECEIVED
Sign: Man for Time: 11:10

STROMEK STROMEK EMIRATES FOUNDATION

F01-QP9.1-UAE, Rev. 01, Oct. 2017

~ .	,						
	وميلت	للست	Lna			PROJECT NO.	P-1020
	Management of the last of the	MEK	الرياضين	M	laterial	Revision No.	
		MEK		Su	ıbmittal	Revision Date	
KHATIB & ALAMI			RETENDED TO THE RESERVE OF THE PERSON OF THE			Approved by	Nik Row
Project :	D1002 Al Ahly Club			Ref No. :	SEF/K&A/P-1020/		
Consultant :			I Engineering Company L.I	<del>                                     </del>	29-05-19	Revision: 00	
Client : FROM :	M/s. Dubai Sports C			Contract I	No. : Khatib & Alami Consoli	deted Engineering Co	
	inis. Stromer Elimates	oundation E.E.C		10. 105.1	Kilatib & Alailii Collsoli	nated Engineering Co	inpany L.L.C
Attachments :			Discipline :		Approval Requi	red By Date :	
☐ Samples			☑ Civil		As Soon As Po	ssible	
☐ Original Bro	chures		☐ Architectural				
☐ Specification	n Comparison Shee	t	☐ Mechanical				
☑ Others ( sta	te)		☐ Electrical				
			☑ Other ( state )				
Attach all relevant lit	erature marked by "clou	ıding": to identi	ify relevant description, curre	ent test certii	ficates, samples as a	appropriate.	
Material Descrip	otion :	Steel I	Materials (backup Supp	olier)	FOR ENG	GINEER'S USE O	NLY
Location / Area :			At Site		☐ (A) Proce	ed	
Drawing Ref. :		А	pproved Piling drawing		(B) Proce	eed as Noted	
Specification Ref	i. :		Project No. DU1811 cations WASL D1002 A lopment Residential To		☐ (C) Revis	se and Resubmi	t
Manufacturer / S	Supplier :	-	writah, union iron,		Required:	, 11/5	
Company Name			Middle east Traders L		Sam Stee		
Country of Origin		-	United Arab Emirates			Certificate	
Local Agent :		·	Middle east Traders L	LC		inal Brochure	
Delivery:			إمارات للأساسات	روميك الا	1.01	ufacturer's Guar	rantee
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		3951			F	OR OWNER'S	
Engineer's Com	ment:	<u> </u>		78		TIVE/PROJECT	MANAGER
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0,3	s sample	from	each Sia	2008		Approved As N	loted

S CT MANAGER s Noted Rejected DATE: 8.4.19 SIGNATURE:

This approval does not relieve to	ne Contractor from its obligations outlined in the Contract documents at the Contract document of the Contract documents at the Contract document of the Contract documents at the Contract document of the Contract documents at	nents
Time approval accommend	TOUR AL AHLY CLUB RESIDENTIAL DEVELOPMENT	2 2 3

DISTRIBUTION:

NAME:

Copies:

Original:

K & A

n & JUN 2019

30 MAY 2019

Nik Rowley

Time: 8:48

F02-QF9.1-UAE, Rev. 01, Oct. 2017







Intrastructure a sampame		<u> </u>			CONDICTOR OF STANDON OF THE
UPGRADING, DEVI					OAD LINKING
3	SHEIKH KHALIFA F CONTRACT : No.				
		L SUBMITT		017	
Da					
Material Submittal No: TLCGT/AA/P-043/MT		Revision	0	Date	12-Jan-19
Description	Reinforcement Steel	7			11-1
B.OQ Item Ref.	Part 4 -Road and Pavi		)	Page	- 9/5/1
Specification Clause Ref.  Drawing Ref. / Material Item No.	All structural Drawing	gs / / /	(	194	c 401.3
	TLGC/P-043/RDS/SD/	PS/0016			
Manufacturer	M/s UNION IRON & S	TEEL COMPANY	L.L.C U	AE	
Local Supplier	M/s RAK MIDDLE EAS	ST TRADERS L.L.C	/		
<u>Enclosures</u> <u>v</u>					/ Data Sheet
Norms / Standards	Certification of Quali	ty		Job Refere	
MOID Certificate	Trade License			Test Certifi	NAMES ASSESSED
B.O.Q Pages	Comparison Sheet			Previous A	V 4-7
Specification Pages	Sample		N.	Previous C	omments
Notes:					Michael Street Charles Control and Charles of Michael Control
Submitted By: (Contractor)	.G.10.02.0	Received By: (Co	1	REC	EIVED
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Signature & Date:	1150003412010	Signatur & Date:			CAC FO ESS THEST THE STANDESTRICTES
Title Consultantox : 20118, Dubai - United A	Arab Emirates				
APPROVED	and the same of th		REVISE 8	RESUBMIT	
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Material Engineer:		Signature & Dat	e:	V	Pol Diolilia
Representative of the Consultant					401/15/11
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#### طلب اعتماد مادة تعاقدية

**REF. YBC/SZHP 130** / 022/00

التاريخ: 14 /12 / 2019

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	المسم	النيس الن			0H 16		يعتمد،،،





MATERIAL TRANSMITTAL SHEET - CONSULTANCY PROJECT CIENT/ End User: CONSULTANT: CONTRACTOR: CONSULTANT REF.: ENERGOPROJEKT MBRSOLAR/EXT/MS-CVL-0008 هنئة كميداء ومداود Dubal Electricity&Water Buthority ENTEL INDUSTRIES LLC DATE: 18.04.2018 ADDRESS: ADDRESS: ADDRESS: CONTRACTOR REF.: P.O. BOX: 564 DUBAI, U.A.E PO Box 46725 Dubai UAE P.O.BOX 11070, DUBAI, MBRSOLAR/EXT/MS-CVL-0008 LIAE TEL: +971 4 307 2222 TEL: 971 4 3356761 TEL.: +971 4 4241900 FAX: +971 4 324 8111 FAX: 971 4 3356764 DATE: 18.04.2018 FAX.: +971 4 4380462 To: Dubai Electricity & Water Authority Cc: P. O. Box: 564 **ENERGOPROJECT-ENTEL** Dubai, UAE PO BOX: 46725 Attention: Mr. Saeed Mohd Khalifa Al Jaffaf, Dubai, UAE **DEWA VP-Transmission Projects,** Attention: Mr. Miodrag Pavlovic **Project Director Project Manager** CONSULTANT CONTRACTOR PO Nos. 3761700087, 3761700088 PO no. 3451700213 CONTRACT NO. CONTRACT NO. & 3761700089 Supply, Installation, Testing and Commissioning of Sheikh Mohammed Bin Rashid Solar CONTRACT Park (MBRSOLAR) 400/132kV Substation and Associated Works **DESCRIPTION:** Optional Works - Order 2 SUBSTATION **MBRSOLAR** SCADA NAME: **Material Code** PO/3761700087/MBRSOLAR/MS/C/15/57 Source/ Country of T-Spec Ref. Rev. Name of Material Model No/ Supplier Manufacturing Part No Volume III. Steel Reinforcement M/s. RAK Middle 1.5.3.1.0.02. 0 (10 to 32mm) -M/s. Sohar Steel **East Traders** rev.0 Clause 10.9 Alternative Location of Usage: As per attached list. Material Used for: As per attached list Attachments: **Technical Catalogues** Test report Representative Samples Standards Applicator as required Compliance of DEWA Specifications/ Requirements Copies To: ABB **DEWA Head Office EPE Head Office EPE Site DHE Office** Site No. of Copies 1 + PDF 1 + PDF Remarks: We undertake that the work will be done as per specifications and manufacturer's instructions, and we understand that this approval does not relieve us of our unrestricted responsibilities for any discrepancies, errors, mistakes, omissions or deficiencies in the document or the material. Project Manager ABB On Behalf of Main Contractor **Project Manager ENERGO** Name: Thomas Rechsteiner Name: Miodrag Pavlovic ABB Industries (L.L.C) Contact: +971 50 6118470 Contact: +971 50 240 2243 Signature: Signature:

TRANSMISSION ENGINEERING DEPARTMENT

ية بي بي انداستريز (ش.ذ.م.م)











ENERGOP ENT	ROJEKI EL	P.O.Box 467						
MATERIAL STATUS:	APPROVED							
	APPROVED \	WITH COMMENTS AS BELOW						
	REJECTED S	EE COMMENTS BELOW						
COMMENTS BY EPE / DEWA :	***************************************							
Please refer to Material s	submittal for "	Steel Reinforcement" vide MTS no	umber MS-CVL-0008,dated 18.04.2018.					
The proposed material "Steel Reinforcement (Diameter 10mm to 32mm –BS 4449)-alternate "from M/s. Sohar Steel, Oman, as the manufacturer and M/s. RAK Middle East Traders, LLC as the supplier to be used in the structure of concrete works (RCC Works) in the construction of 400/132 kV S/S (MBRSOLAR/EXT) is approved subject to the following comments:-								
4. Different source of ste 5. Each lot & dia. of stee 6. Contractor shall notify 7. Reinforcement steel si specification & Manufact 8. Random sample shall the approved third party 9. Test reports shall be s 3 days.	tieying the rein Ifacturer embored el shall not be I bars delivered in advance to hall be stored urer recomme be taken from testing Lab. for ubmitted direct	inforcement shall be soft pliable an ossing details on the reinforcement used in a single member. It is to the site to be carried with mill site engineer prior to deliver alter properly to avoid any deterioration and ations. It is each lot of the reinforcement deliver physical, mechanical & chemical to the complete site engineer in the complete site engineer in the service of the site engineer in the service of the service	I test certificate and manufacturer's tag. Thate material at site. The by weather or external effects as per					
Contract No.	:	PO/3761700087/3761700088/376	31700089 MBR-EXT					
DEWA MSCMS Code		PO/3761700087/MBRSOLAR/MS/						
ABB Reference	:	MBRSOLAR/EXT/MS-CVL0008						
EPE Reference		EPE-ABB-MBRSOLAR-EXT-MTS-	-CIV-0008 R1					
Revision Number Date Received		0 April 18, 2018						
	•	April 10, 2010						

ON BEHALF OF DEWA / EPE : NAME : Miodrag Pavlovic POSITION: Project Manager SIGN : DATE : May 2, 2018

YES

NEW SUBMISSION REQUIRED:



#### **MATERIAL SUBMITTAL COMMENTS SHEET**

From:	Senior M	anager-Trans Eng Civil & Electome	chanical					
То:	M/s. Ene	rgoprojekt-Entel, Dubai	J 04-3	356764				
Fax N   04-   Ref.:   SMTEC&EM/MS/SBM/17624/20   Contract N   PO#3761700087   Date:   25/								
Mat. Submittal Ref: MBRSOLAREXT-MTS-CVL-0008 Date:								
	M. COLUMN 2 100 2 11 2 12 12 12 12 12 12 12 12 12 12 12	CE/ MBRSLR-EXT/ MS/ C/ 15/ 57		Rec	eipt to	IED:	23/Apr/18 Rev: 1	
T-S	pec Ref	Name of Material	Source			Sample	***************************************	
1.5.3	ol-III, 3.1.0.02 I works	Reinforcement Steel 8mm to 32mm dia	M/s. Sohar Steel L	LC, C	Oman		CE	
Locatio	ocation for usage: RCC structures (Substructure & Superstructure)							

Comments: -

Material used for:

<u>Comments: –</u>
Proposed steel (BS 4449 with minimum yield strength Fy= 500 N/mm2) is approved for above mentioned project subjected of compliance of comments from the consultant and followings:

Providing the required strength to the structural concrete members.

- 1. Each lot and dia. of steel bars delivered to site to be carried with mill certificate and manufacturer's tag.
- 2. Contractor shall notify in advance to site engineer prior to deliver alternate material at site.
- 3. Reinforcement steel shall be stored properly to avoid any deterioration by weather or external effects as per specification and manufacturer recommendations.
- 4. Steel must have manufacturer embossing details on the reinforcement steel bar.
- 5. Test reports shall be submitted directly to DEWAsite engineer in a closed envelop from laboratory within 3 days.

KHAWLA AL DHEBAIEI

A Approved as per sample submitted.	1
B Approved subject to full compliance with manufacturer's instructions	
C Approved subject to full compliance with comments. Resubmit for record	
D Representative sample to be prepared at site for final approval	
E Comments as indicated in the material comments sheet.	
F Not approved. Revise the submittal as per comments and resubmit for approval.	***************************************
G Contractor's responsibilities for compliance with the requirements of the specification.	***************************************

CC: P-T.Proj / Haridasan Thattan Narayanan / Goptnath Palanisamy

Page 1 of 1



## **ENERGOPROJEKT-ENTEL**

### **CONSULTING ENGINEERS**

انرچو كونسلت استشارات هندسية

Fax:

04 3401771

Date

22 February 2018

To:

M/s ABB Industries LLC

PO Box: 11070. Dubai, UAE.

From:

Mihai Stoicescu

Project Manager

Ref No.

EPE/ABB/DXBHILS/L/18/169

Attn:

Adil Ahmed

**Project Manager** 

Page:

Contract:

MBR - Dubai Hills Estate

Design, Supply, Installation, Testing and Commissioning of 132/11 kV DXBHILS

(PSS04) Substation

Subject:

Prequalification for Reinforcement Steel Bars Material Manufacturer M/s. Sohar

Steel

Dear Sir,

This has reference to ABB letter DXBHILS/A/A1\_0178 dated 01.02.2018, submitting the proposal for Pre-qualification for Reinforcement Steel Bars Material Manufacturer - M/s Sohar Steel LLC for 132/11kV DXBHILS Substation.

Please be informed that the proposed vendor M/s. Sharq Sohar Steel Mill LLC, Oman & M/s. Sohar Steel LLC, Oman can be considered by DEWA for DXBHILLS 132/11kV Substation Project subject to satisfactory submission of material in line with the Material Submittal Procedure and practice.

This is for your information and necessary action, please.

Best Regards,

For ENERGOPROJEKT ENTEL CO. LTD.

Mihai Stoicescu Project Manager

Mr. Rubaia Mohamed Alowaid

Mr. Joseph Chirackara - Sr. Manager, Projects

Mr. Tony Cantwell - Project Director

Project file

**DEWA Projects (Trans)** 

DHE EllisDon

Fax: 04 3675638 Fax: 04 5153401

P. O. Box: 46725 Dubai – U.A.E.

e-mail: energodb@emirates.net.ae / energodb@ep-entel.com

Tel.: 971 4 3356761

Fax: 971 4 3356764

19-9331

				- SUBMISSION FOR	M			
MATERIAL SUBM MAT-000019	ITTA	AL NO.: AAGC-NOOO1-PMC-SHM-	DWA-	REVISION NO: B	DATE: 25.05.2018			
CLIENT				M/s ROAD & TRANSPORT AU	ITHORITY			
CONSULTANT			:	M/s PARSONS / SYSTRA JV				
CONTRACTOR			:	M/s EXPOLINK				
PROJECT NUMBE	R			: RAL/PPDD/077				
PROJECT NAME			:	ROUTE 2020 METRO RAIL				
(i) MATERIAL DESCRIPTION				STEEL REINFORCEMENT ( Grade 500B ), TO BE USED FOR DEWA-WD, WATER WORKS				
MATERIAL DESCRIPTION (ii) SIZE & QTY		:	: 10,12,16 & 20mm					
	(iii)	AREA OF APPLICATION	:	POTABLE WATERLINE	200 \$ 20			
NAME AND ADDRI	ESS	OF MANUFACTURER	:	Sharq Sohar Steel L.LC, Oman				
NAME AND ADDRE	ESS	OF SUPPLIER	:	RAK Middle East Traders L.L.C	Car Car			
BOQ ITEM REF. N	O.		:	Appenix 8 - Complementary Wo	orks - Rev. B, Cl C-101			
SPECIFICATION C	LAUS	SE REF. NO.	:	DEWA-WD SPECIFICATIONS	CL. 4.29.3			
PROJECT DRAWIN	G RI	EF.NO.	:	RLC-040-INF-UTL-DES-ALL-DF	RW-AAG-46925			
	CO	ONTRACTOR'S STAMP		ENCLOSURES:				
	MANUS CONTRACTOR	A CONTRACTOR OF THE PROPERTY O		1. BOQ PAGES	7. TECHNICAL DATA SHEET			
	Part .	XPOLINK.		2. SPECIFICATION PAGES	8. PRODUCTION SHOP DRAWING			
e		2020		3. DRAWINGS	9. ISO&OTHER CERTIFICATES			
ALS	TO	M Racciona		4. COMPLIANCE STATEMENT	■ 10. TEST REPORTS			
Mohammed Ow	/da	Infraestructuras GÜLERMAK		5. COMPANY PROFILE	11. PREVIOUS APPROVALS			
ENGINEER NA	ME	SIGNATURE		6. CATALOGUE	☐ 12. SAMPLES			
CONSULTANT:				DEWA (WD) :				
Rejected Revise and 1- Reinforcement bar	d Re	ept as noted with comments submit as noted all sizes shall continuously comply wit 49:2005 Grade B500B or as specified ong.	h the	■ Rejected	nit as noted  with test uport			
2- All the consignment manufacturer's mi		livered to project shall be accompanied tificate	l with	Revise and Resubmit as noted  A Update copy of the test report  shall be submitted to the DEWA  the Refer to the attack of the delivery				
mark		ent bars shall carry DCL confirmity qu		Sweet to the attacked skyll s				
Final approval is to 4- Department.	be a	awarded by the concerned DEWA Wate	er	1 Communication	42			
as per approved IT	ken a	as per the specified frequency of testing in and tested at DCL for compliance ch	leck	DIBAI ELECTRICITY & INGINI	WATER AUTHOLOGY EERING (WATER)			
1	DEWA	A (WD) approval does not relive either the Co		SEAL & SIGNATURE: or Contractor of their responsibilities	DATE: s / obligations under the Consultancy			
NOTE:	Agree	ment or Contract.  A - WD approval is subject to compliance of						
		ect File / Material File / DEWA Eng						

# HAMPTON by HILTON HOTEL, Al Marjan Island, RAK, UAE



Architectural and Engineering Consultant P.O. Box 413606 Dubai, UAE www.jtpatners.com SUPERVISION CONSULTANT



International
Engineering Center
TEL: 07-2333600, FAX: 072332124
Email: iec@iec-net.ae

CLIENT



CONTRACTOR



	NOTE THE PROPERTY OF THE PROPE	CEPTATE OF THE SAME AS THE	CONTRACTOR OF THE PROPERTY OF	Ref: SCA/AAC/HHH/0005
SUB-CONTI	RACTOR / SUP	PLIE	R APPROVAL	Rev: 0
				Submission Date:30/12/2018
CONTRACT No				
SUB CONTRACTOR/SUPPLIER	RAK Middle East Trade	rs LLC		
Sub-contractor / supplier proposed for	For Steel rebars			
Enclosures	Υ	N	Required Documents (as pe	r Contract)
Commercial Registration	Y		Performance Bond	
Pre-Qualification Documents	Y			
Financial Status			Mandatory Documents	
Compliance Statement			Compliance Statement	
Experience	Y		Other (specify)	
Contractor comments:			ом в нивом возначение рав постоя от выполнения на дента дента на на на продоста в на при возначание и от вознач В на при возначение рав постоя возначения на при возначения на при возначения возначаваления на при возначения	
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Name: Eng. Walaa Hamdy		1/1	Name:	10 0- 10
Date: 30/12/2018		355	Date:	- Rod S
	RESPONSE	ROM D	ESIGNER / ENGINEER/ SUPER	VISOR
_ Emirates St	n for The Submited ecial submittal cel Shay be us to be applied	ed:		reifarcement rebars
OApproved - A	Approved As Noted - B		Revise & Resubmit - C	○Rejected - D
for the Engineer:			Signature:	
Name M. E Saced				
Date 62-01-2019				1
Received by Contractor	THE TAXABLE PROPERTY OF THE PR			AND THE CONTRACT OF THE CONTRA
Name		ale prignal the second	Signature & stamp:	
Date				

Approval from consultant shall not relieve the contractor of any of his liabilities under the contract and does not supersede any contract document

11/0T 16 C8	8 9 10 77	
Ma	11 JUL 2018	
ArifaBintoak	ALGHURAIRCENL ALGHURAIRCENL ALGHURAIRCENL	ONTRACTOR APPROVAL REQUEST
CONTRACT NO. CONTRACT TITLE : The Palm Jumeira Apartment @ Palm CONTRACTOR : Al Ghurair CEW	17794 Proposition and Park (1994 Proposition Propositi	GC147-SCAR-010 0 11-Jul-18 Steel Reinforcement Cut & Bend Civil / Structural
TO : Arif & Bintoak	FROM : Mr. Wissam 1	Forbay
DESCRIPTION:		
Prequalification Document - Ste  M/s Rak Middle East Traders L P.O Box. 6578  Dubai - UAE Phno. 07 2585459  LEAD SECTOR CONSULTANT'S COMME  All Sub contra  Working on S  Trade license  with Authorit	LLC (RAKMET)	who are are Duba; in occardance
CONTRACTOR'S REVIEW	SUBMITTAL STATUS	
SIGNATURE	APPROVED NO COMM  APPROVED AS NOTE:  NOT APPROVED - RES  FOR RECORD ONLY	D
LEAD SECTOR CONSULTANT'S SIGNATU	IIRF	
For and on behalf of Arif & Bintoak	Date: 16 July 2018	



# M/S. AL SAYYAH & SONS INVESTMENT LLC



		SUPPLIER SU	BMITTAL	
Project	BUILDING AT AL BARS	HA SOUTH 3, DUABI, UA	AE	DMMERCIAL & RESIDENTIAL
Client	M/S. AL SAYYAH & SON		Serial No.	J248(1375)-ASCC-CIV-SS-001
Consultant	AL AJMI ENGINEERING		Prev. No.	Rev. 0
Contractor	M/S. AL SAHEL CONTR.	ACTING COMPANY LLC	Date	2-Jun-2018
Type:	√ Civil	□ Architectural	□ Electrical	□ Lift
Type.	□ Survey	☐ Plumbing & Drainage	□ HVAC	□ Other
Supplier Na	ame and details:	Trade	License Nbr: RAKIA	51 RZ4 06 08 1231
	e East Traders LLC			
Supplier pr	oposed for:			(1986)
Supply of R	ebars (Fy : 460 N/Sqmm) - 0	Origin : Emirates & Oman	->	
Attachment	S:			(1) (1) (1) (1) (1) (1)
Approved S	Supplier Submittal for DB-1	374 ref. J248(1374)-ASCC-	CIV-SS-001	
Contractor				Annual Control of the
We propose	M/s. RAK Middle East Tra	iders LLC as one of our Re	ebar Supplier for the Proj	ect.
	I AL SAHEL	CONTRACTING CO. L.L.C.	ρ.	118 9/10
Submitted b	y Contractor: Time: Sign	ature & Stamp: Rece	ived by Engineer:	Signature & Storing
Name: DR. EN	G. YASSER 12:90 -	0 2 JUN 2018 Name	LITONCO	RECEIVED
IBRAHIM-PRO			02NOFJA	3 JUN 2018 E
Pate: 2-Jun	-2018	SIGN.:	03/06/2018	
Julie. 2 Juli	REV No.	SIGN.:	- 03/00/2018	ALAJMI (8)
Civil/MEP	/ MEPSE Engineer's Com	ments: Date	17/6/18	Comments of the second
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## Insert Client's Logo



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Project	J-248 (DB-1374)	Commerc	ial & Resideı	ntial Bldg at	Al Barsha Sou	th 3, Dubai		
Client	M/s. Al Thamra Self	f Owned Property Leasing & Management Services. Serial No.				J248-ASCC-CIV- S S	-001	
Consultant	AL AJMI ENGI	NEERING	CONSULTA	ANTS		Prev. No.	Rev. 0	
Contractor	Al Sahel Contra	cting Co I	LC			Date	06/05/2018	
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	= Survey		- Tiumbhi	g & Dianiag	TIVAC		12 Ottlei	
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RAK Middle	East Traders LL	.C						
Supplier pro	posed for:							
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Company Pr	ofile, Trade Lice	nce, Certi	ficates & Tes	t Reports	· ·			
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Contractor c								
We propose	M/s. RAK Midd	le East Tra	ders LLC as	one of our F	ebar Supplier	for the Project	ct.	
			1	4 ,			12/13/14/15/	
Submitted by	Contractor:	Sixu	ature & Stam	eco I Rece	ived by Engi	neer:	Signature & Stamp:	
Name: DR. ENG		ALSAME	LCCRIRACIIN	Nam			RECEIVED FO	
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Approval from Consultant shall not relieve the contractor of any of his liabilities under the contract and does not supersede any contract downent.

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## MATERIAL INSPECTION

MAZAYA	DEL MANAGE			REQUEST					
Project	: QUEUE ZONE AT PLOT NOS.MU002,M DUBAI LAND,DUBAI	IU005	5/006,MU007 -LIW	AN-WADI AL SAFA2,					
Client	: M/S.AL MAZAYA EMIRATES REAL ESTATE DEVELOPMENT LMG.R.NO: J247-ASCC-CIV-MIR-02								
Consultant	: M/S. BEL-YOAHAH ARCH. & ENG COM	TANTS	REVISION NO: 00						
Main Contracto	r : M/S. AL SAHEL CONTRACTING CO. L.	L.C.		DATE: 21-03-2018 DISCIPLINE: Civil					
DESCRIPTION	OF MATERIAL	:	Deformed	Steel(10,12,16,20,25,32mm)					
SUBMITTAL AP	PROVAL REF. (Transmittal & Submittal R	ef.);	CIV-PQD-024-00	)					
0#±									
MANUFACTUR	ER		EMIRATES HAN	IRIAH,SHARQ SOHAR					
SUPPLIER AND	VOR LOCAL AGENT		DAY MIDDLE F	ACT TRADERCLI O					
JOI I LILIX AND	ON EGGAL AGENT		KAK MIDDLE EA	AST TRADERS LLC					
AREA/LOCATIO	ON OF USE	•	SITE -MU007						
DATE & TIME O	F INSPECTION REQUESTED	:	22-03-2018 10:3	0					
Engineer's Com	ment/ Decision:								
status :app	proved with comments								
RAK; Howe material is	ed that Reinforcement steel from Unapprever as the same Manufacturer is approcleared. However, contractor is advised avoid rejection in future.	ved :	for another suppl	ier, So the MIR for this					
2. Material	should be protected as per specification	ns ar	d should not be i	rusted					
3.To be us	ed as specified in drawings								
4.Samples	shall be collected for required random t	ests	(as per contract	specs)					
5.Comply v	vith local authority requirements / DM , I	OCL	5						
6.All delive	ry forms to comply to DM-DCL requirem	ent							
Approved (	Approved with comments Not A	Appro	ved revise & resubr	nit Rejected as comments					
				00 00 0016					

26-03-2018

Date:

AL SAHEL CONTINUENRUES. L.C.

28 MAR 2019 M





Form 12.1

Project Name: RIU HOTEL & RESORTS	AT <u>EMPLOYER:</u> Nakheel RIU Deir		Request No.		
DEIRA ISLAND	Hotel FZCO	The second secon			
		NAKHEEL	/CIVIL/SAM-0003		
Project No. : D16069-0200S			Rev:01		
ENGINEER:	CONTRACTOR : Bin Ladin Con	tracting Group L.L.C	Date		
Udl	ر الاجتمادية الاستان الاستان الاجتماع الاستان	LIE GIVIO	06-01-18		
realing progress together	BINEALHN CONTRAC				
	(non-ti-	(Shair & Partn	ers) - Dubai		
		(within the			
SUBI	MITTAL FOR APPROVAL OF MAT	ERIALS 14 JAN	1 2018		
1. MATERIAL DESCRIPTION (one ite	em only on this form):	RECE	IVED		
	REINFORCEMENT STEEL BARS				
	( Size 08mm to 32mm)				
Area of Application :	General (Hotel, Pool Bars, Sun	ken Toilet Areas)			
Drawing Ref.		Q. Ref. No. Section : C,	Bill No.2,3,6		
Specification Ref.	Vol:2,Sec.033000,Cl:2.2 Standa	********************			
•	entify relevant description, current Test Certificates, sa	mples as appropriate.			
2. MANUFACTURER/SUPPLIER :		- In-			
Company Name :	EMIRATES STEEL INDUSTRIES	- P.O.Box 9022, Abu Dha	bi,UAE		
Address :	HAMRIYAH STEEL FZC - P.O.Bo	ox 42142,Sharja,UAE			
	SHARQ SOHAR STEEL ROLLIN	G MILLS ,P.O.Box 12, Sol	har,OMAN		
Local Agent	M/s. RAK MIDDLE EAST TRA	DERS LLC, P.O.Box 56	47, Dubai		
3. DELIVERY :	***************************************				
Country of Origin :	UAE /OMAN				
Availability	**************************************	1			
<ul><li>Locally Manufactured</li></ul>	Overseas				
Delivery :	As per Schedule [	11	1		
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		•			
Program	As per Schedule	<u></u>			
		J			
We certify that the above submitted items have been	n reviewed in detail and are correct and in strict confo	mity with the contract drawings a	and		
	the material sources indicated above have been revie	wed in detail and that they will sup	oply		
the submitted items in conformity with the above and	-	n/ x			
Submitted by :Naser Elayan	Signat	ure			
4. CONSULTANT'S COMMENTS:		W-1			
	718WY-7 PAS-1 WHISTON AND REPUBLIC WARRENDS WAS AND A REPUBLIC WAS AND	Approved			
Please refer the attac	ched comments				
			nd Resubmit		
		☐ Rejected			
		☐ Sample F			
		☐ Test Req			
			I Info Required		
	7		irer's Guarantee Req.		
Signature:	DATE:/8101	118			
Client:					
		☐ Approved			
			I As Noted		
			and Resubmit		
Signatura:	DATE: /	1			

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.



## SHARJAH INTERNATIONAL AIRPORT EXPANSION PROGRAM East Side Terminal Expansion



### TRANSMITTAL NOTE

â	mittal Note Ref. No:  CORE ENGINEERING CONSULTANCY		SIAEP-SAA-FIN-CON-083-CEC-TRN-18-000	Transmittal Date	9:	22-5	Sep-20	18	
To: Attn: c/c:	BINLADIN CONTRACTING GROUP Mr. Mohd. Kaleem								-
Docume HC SC HS OT	ent Format Codes (DFC): Hard Copy Soft Copy Both, Hard and Soft copy Other (specify):	Electron USB CD EM UP OT	nic Transmission Medium (ETM); CD Email Uploaded Other (specify);	Action Request Codes (ARC): FA For Approval FR For Review & Comments FI For Information FS For Signature DIST For Retention/Distributio		C Revis	oved oved w se and	Resu	iments bmit
No.	Drawing/Document Reference No.	Rev.	Description		QTY	Return Code	DFC	ETN	ARC
1	SIAEP-SAA-FIN-CON-083-PQL-CI-006	0	Pre-Qualification for Steel Reinforcement Bars (Alt	ernative)	1	В	HS	EM	FAC
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				STADIN GA	0				
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2.36.7.5.5	Originator Signature Date	SUCI	N 51 51 05 0101 110 05 05 0						
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		ORE	\$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\						
	Consultant Representative	Ohabi Y	Name Designation	Signature			Date		
	CONS	ULTAN							
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			the Contraction of the Contracti						
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	PRE	QUALIFICATION S	SUBMITT	AL	
Project :	CEN Expansion & Engineerin American University of Sharja		Ref. No.	SBG/DS/PQ/003	Rev. 01
Project No:	0501 - American University of	Sharjah	Date:	08/02/2018	
Contractor:	Saudi Binladin Group				
From:	RAK Middle East		To:	ARCHCORP	
Specs. Ref.03	33000,034100,034500; BOQ B2	(C4 & C8)	Drawing	Ref.	
☐ Complia	nce Statement	Original Brock	hure	☐ Others (Specify	()
Description / U	Jsage: Primary supplier of Rei	nforced Steel: M/s (Reply to Comm		dle East Traders LL0	;
DISCIPLINE Civil Other (Spe	Structural [	Architectural		Electrical	Mechanical
SUBMITTED F	OR				
Approval	☐ Informatio	n/Records		ers (Specify)	
	CERTIFICATION / COMPLIANCE			tive to the specified PQ, by	The second secon
,	that the Submitted PQ with Specifications			persedes with the intent o	
FOR CONTRAC				SY CONSULTANT	VIBIO
Name:	Mohammad Kaleem		tamp:	100101	V 150    )
Designation:	Project Manager	3	amp.	17/7 08 LEB	2018
Signature:	Mom	s	ignature:	<b>17</b>	
Date:	08/02/2018		ate:	BY: AGOO	3:15 pm
ENGINEER CO	DMMENTS:				
- Paril - San - Rei - Ste - No	delivered to site and when a lindustries, R to be subjection as	he batch e to be e quived be about to be Abu Dhab material a subject to	be free work of the obove	submitted reinfaces ted for con agineer reed from tustaid critical approval of	ment implifance Emivates Istained
☐ Approved	d	Revise & Res	submit	□ (sFc	or Information
Approved	d with Comments	☐ Rejected		8:	RECEIVED E
	roval by the Engineer shall not relieve the C	12. ID	contract deceived by: date: to perform the	90 50	9 FEB 2018
	nfety, and Local Authorities' regulations.			(6)	
	v				n :A









# Badr Phase 1 ME3900 Infrastructure – Roads and Pavements

				Materi	ial Sub	mitt	al		STATE NO.	
Issued by:	ssued by: Concord Stars Contracting LLC									
Issued to:	ued to: Arcadis Consulting Middle East Limited									
CC : Dubai Islamic Bank, Mace Management							Samp	le tag Ref. No.	-	
	Phase Code - Doc. Type - Package Code - Discipline - Seq.No.					0.	Revisi	on:	0	
Reference:		B01-MA	T-3900-U	TL-00022	2		Date	•	29/4/2018	
Discipline :	]Arch. {	Struct	]Mech.	Elect.	☑Infra.	☐Other	rs			
Material Det	ails			-14-01-2						
Item Description :	Ероху Соа	ted Steel Rein	forcement				BOQ	Item No. :	-	
Name of Material :	Steel Rein	forcement Bar	S				Refere	ence Spec. e:	GS 4 / 14	
Location of use	Substructu	res					Drawi	ng Ref:	B01-IFC-0110-XX-UTL-	-SW-33204
Manufacturer / Local Supplier :	Traders	Hamriyah, Sha iting: Protech I		ar / RAK M	liddle East		Count	ry of Orgin :	UAE	
Reason for Submitta	I :	√For Approval		For Informati	ion	Other	rs (		)	
Remarks :		✓As per Origina	Ū	Alternative	(Detailed equiv	ralence a	nd speci	fication compliance sta	atement to be attached)	
Attachments :		Drawing	Ū.	Spec.		Samp	ole		Others (	)
CSC certifies that the	e attched do	cuments/drawin	gs have be	en checked	d, coordinate	ed and	found	to be in compliand	ce with project specification	ns.
For Contrac	tor	1 1 1 W 1 2			4. "			Walter Barrier	Receipt Acknowledge	ed by
Prepared by Material Engineer:	_		Signature		·······		Date:	**************	Consultant:	
Checked by QA /QC Manager :	Bob Jusoy		Signature	-	2)		Date:	29/4/2018	Date ECEIV	
Approved by Engg. Manager :	Ana de la C	oncepcion	Signature		\$	•••••	Date:	29/4/18	U 2 MAY 20	)18 W
Project Manager	Mohamed M	loussa	Signature:	حمر	_9	<u></u>	Date:	29-4-2013	ARCAI	DIS
Engineer's F					TIES.		li y		the children	
No objection shaded & & -Sampling - Fach D	in to a whar & lo band hivery	se Roman Supplied I testry show one	to be d	d Studies ASKI	met. SN per s	pacific of	iped ined	progresses Centifica	Emirales Ham 2. Olympodium menoble	iriyah no nolad 8
	variation to	the Contract. St	ould the Co	ontractor re					accordance with the Contr e, he shall submit an itemiz	
Returned to Con	tractor w	ith Status :	W-34	Mary and		1.51	J. 10			J = 3
☐ A - Appro	ved	B - App	roved as	noted ::	u	C - Re	vise /	Resubmit	□ D - Informa	tion
For Engineer		/	3.	-\	1000		Rece	ipt Acknowled	dged by Contractor	
Signature :		(3	P.O.	ox: 52750	108	<i>(</i> .	R	eceived by		
Date :		OX	Or Consulting	Planting East Lin	ailed			Date:	***************************************	

#### MOHAMMED BIN RASHID DUBAI HILLS ESTATE









Serial Nr. Rev. DHE-DET-SW-MAT-0012 0 Document Ref. No.: ONTRACT TITLE: MBR- Dubai Hills Estate External DM Utilities Connections Storm Water Drainage Works CONTRACT NO: MATERIAL SUBMITTAL RECEIVED BY ARCADIS DESCRIPTION Epoxy Coated Steel (10mm, 12mm, 16mm, 20mm) BOQ ITEM REF. SPECIFICATION Part 1, Section 3, Cl. 3.15.2 CLAUSE REF. DRAWINGS REF. Std. Details Ref. 513, 514 MANUFACTURER & M/s Emirates Steel Industries PJSC / Sharq Sohar Steel; Epoxy Coating by - Protech ORIGIN me: LOCAL SUPPLIER M/s RAK Middle East Traders X ISO Certificates (if Applicable) X BOQ Page X Trade License **ENCLOSURES** X Drawings X Sample Submitted X Previous Approvals ORIGINAL + 1 COPY X Specification page X Test Reports Catalogue/Prequalification X Specification Compliance Statement Technical Data Sheet X Others -DATE OF APPROVAL 06.06.2018 Mr. Thangavel CONTRAC ISSUE REQUESTED BY: REVIEWED AND APPROVED for conformance with the Contract Documents ORIGINATOR Ch CONTRACTOR P-D H Szell Cemal Seckin Ozudinler PROJECT MANAGER OTT Date: 06.06.2018 COMMENTS BY THE CONSULTANT inspected Prior ane **STATUS** APPROVED ebmitted B APPROVED AS NOTED REVISE & RESUBMIT NOT APPROVED EIVED BY CONTRACTOR SUBMIT SPECIFIED ITEMS Conercle

Signature

P.O.Box: 52750
Dubai - U.A.E.

Branching Middle East Limited (Dube) Biffer

ARCADIS ENGINEER

RESIDENT ENGINEER:

23 JUN 2018



## MATERIAL TRANSMITTAL SHEET - CONSULTANCY PROJECT

CONSULTANT: CONTRACTOR: CONTRACTOR REF. MTS-C-026 ENERGOPROJEKT POWER DATE: 05/03/2018 ENTEL Co. Ltd. ADDRESS: P.O. BOX 46725, DUBAL ADDRESS: P.O. BOX - 283668, DUBAI TEL: +971 4 3356761 CONSULTANT REF.MTS-C-026 TEL: +971 4 2275900 FAX: +971 4 3356764 FAX: +971 4 2275899 DATE: 05/03/2018 To: Attention: **Dubai Electricity & Water Authority Project Manager** P. O. Box: 564 Dubai. UAE. DEWA CONSULTANT CONTRACTOR DMS - 145451 DMS - 145578 CONTRACT NO .: CONTRACT NO .: CONTRACT DESIGN & BUILD OF 132/11kV TULIP STREET **DESCRIPTION:** SUBSTATION AT JUMEIRAH VILLAGE TRIANGLE SUBSTATION **TULIPST** SCADA NAME: Material Code DMS-145578/TULIPST/MS/M/18/57 Description in line with Source/ Country of T-Spec Ref. Rev. Model No/ Supplier **MSCMS** Manufacturing Part No Volume III, Steel Reinforcement 1.5.3.1.0.01. M/s RAK Middle 0 M/s Sohar Steel (10mm to 32mm) East Traders Rev. 15, Clause ( Alternate ) LLC 3.3.40 Location of Usage: All structural members (substructure & superstructure) Material Used for: Provide required strength to the structural concrete members Attachments: **Technical Catalogues** Test report Representative Samples Standards Applicator as required Compliance of DEWA Specifications/ Requirements Remarks: We undertake that the work will be done as per specifications and manufacturer's instructions, and we understand that this approval does not relieve us of our unrestricted responsibilities for any discrepancies, errors, mistakes, omissions or deficiencies in the document or the material. Project Manager (AGP) Project Manager (EPE) Name: M.I.Sahufar Sadiq Ali On Behalf of Main Name: R. Ramesh Contractor

TRANSMISSION ENGINEERING DEPARTMENT

REV2 Dated 08/2015





Email ID:sahufar.sadig@agpowerme.com

Contact No: 055-4026216





Signature:



Contact: 050-3768255

#### هيئة كهرباء ومياه دبي Dubai Electricity&Water Authority



7 = ENERGORENT	ROJE		P.O.Box 46725,  :: +971 4 335676	61
MATERIAL STATUS:	APPROVE	)		
	APPROVE	O WITH COMMENTS	AS BELOW	V
	REJECTED	SEE COMMENTS B	ELOW	
(RCC Works) in the const subject to the following co  1. Reinforcement bars sha 2. Binding wire used for tie 3. Steel shall be from "M/s Steel Bar and Gr.B 500B a 4. Do not recommend to m 5. Each lot & dia. of steel I 6. Steel must have manufa 7.Mill certificate for each lo material at site.  8. Reinforcement steel sha specification & Manufactur 9. Random sample shall b approved third party testin	einforcement S RAK Middle I ruction of 132/ mments.  All be free from eying the reinforces Sohar Steel as proposed. In the different pars delivered acturer embosed shall be proved the stored proposed at the from eg Lab. for physis, mechanical thin 3 days.	Steel (Diameter 10mm to East Traders, LLC as the 11kV TULIPST Substation rust.  Discrement shall be soft plus LLC, Oman" with the emute source of steel in a sing to site to be carried with sing details on the reinforwided to the Consultant/Introperly to avoid any detectations  ach lot of the reinforcemistical, mechanical & cherical shall be subsequently to avoid any detectations	a 32mm –BS 4449) "free supplier to be used ton at Jumeirah Village iable annealed steel of abossing of the manuful gle member.  In mill certificate and morcement steel bar.  DEWA supervising enterioration by weather of the ment delivered at site principal tests.  mitted directly to DEV	rom M/s. Sohar Steel, Oman, as in the structure of concrete works in the control of the Reinforcement of the Reinforcement in the Reinforcement in the control of the contr
•				
Contract No.	:	DMS-145578		
DEWA MSCMS CODE	:	DMS-145578/TULIP/I	MS/C/15/57	
AGP Reference	:	MTS-C-026		
EPE Reference	:	EPE-AGP-TULIP-MT	S-CIV-026 R0	
Revision No.	:	0		
Date Received	:	March 6, 2018		
NEW SUBMISSION REQUIRED :			YES	

NO

POSITION: Project Manager

March 20, 2018

DATE :

NAME:

SIGN :

Rajan Ramesh

ON BEHALF OF DEWA / EPE:



## **MATERIAL SUBMITTAL COMMENTS SHEET**

From:	Senior Ma	anager-Trans Eng Civil & Electome	chanical			tierneninkus ankai raecineneerin sa	
To:	M/s. Ene	rgoprojekt-Entel, Dubai		Fax N	04-3	356764	
Ref.:						ar/18	
Mat. S	ubmittal I	Ref: MTS-C-026	Da	ite:	1	05/Mar,	/18
Substation: Tulip Street				Receipt to TED:		12/Mar/18	
Mater	ial Code:	CE/ TULIPST/ MS/ C/ 15/ 57				Rev:	U
T-S	pec Ref	Name of Material	Source		Sample	Approva	alCode
1.5.3. v. 15	ume III, 1.0.01,Re , Clause .3.40	Steel Reinforcement (10mm to 32mm) (Alternate)	M/s Sohar Steel LLC	Oman		CI	

Location for usage: All Structural members (substructur and superstructur)

Material used for: Provide required strength to the structural concrete members

#### Comments: -

Approved subject to followings:

- 1. Steel shall be from "M/s Sohar Steel LLC, Oman" with the embossing of the manufacturer on the reinforcement steel bar and grade Gr B 500B as proposed.
- 2. Do not recommend to mix the different source of steel in a single member.
- 3. Each lot and dia. of steel bars delivered to site to be carried with mill certificate and manufacturer's tag.
- 4. Steel must have manufacturer embossing details on the reinforcement steel bar.
- 5. Reinforcement steel shall be stored properly to avoid any deterioration by weather or external effects as per specification and manufacturer recommendations.
- Random samples shall be taken from each lot of the reinforcement delivered at site periodically & to be sent to the approved third party testing laboratory for physical, chemical and mechanical tests.
- 7. Test reports shall be submitted directly to DEWA engineer in a closed envelop from laboratory within 3 days.
- 8. Binding wire used for tieing the reinforcement shall be soft pliable annealed steel coated of 1.6mm diameter.

F/ KHAWLA AL DHEBAIEI

A Approved as per sample submitted.

B Approved subject to full compliance with manufacturer's instructions

C Approved subject to full compliance with comments. Resubmit for record

D Representative sample to be prepared at site for final approval

E Comments as indicated in the material comments sheet.

F Not approved. Revise the submittal as per comments and resubmit for approval.

G Contractor's responsibilities for compliance with the requirements of the specification.

CC: VP-T.Proj / Mohd Rasiq

20218

F

## ARENGO

ABDULLAH AHMED ALMOOSA architectural & engineering consultants







2109/7859

GAC-2109-MAR-S-034 rev.00

## APPROVAL OF MATERIAL(S)

Project Name RECE	8+G+1st+4P Ouplex)+Ro Al Sheraifi	+Ser.Flr.+Swimmin of+Top of Roof,Ho	ng Pool Fir.+h otel Building f	IC FIr.+23 7 or Mr. Nass	yp.Flr.+Ser.Flr.+Penthouse er Maktoum Mohammed Amer
Plot No. :	347-3902	Location : A	4/ Merkadh	City	: Dubai
Main Contractor: ;	Gulf Asia Co	ntracting Co. LLC	9	= /	GULF ASIA CONTRACTING LLC ALSHERAIGI SITE OFFICE
Department:	Architectural	✓ Structura		П	MEP 0 6 SEP 2018
Material(s) Item	,3		Hamriyal	ı steel	RECENTER
	ARENCO .	_		ALTI	ERNATIVE
Spec	cified Material(s)			Propos	ed Material(s)
	high yield steel Rein ength minimum 460 N		Grad	e B 500B(10	steel rebars - 0,12,16,20,25,32mm) ip material)
Sub-contractor / Supplier		RAK	MIDDLE EAST	TRADERS	L.L.C
Manufacturer	i h		Ha <sub>,</sub> mriyah S	iteel FZC v	·
Local Agent	: RAKI	MIDDLE EAST TRA	DERS L.L.C		ARENCO (C.S.C.) NO OBJECTIONIFIEJECTE JUSTINE
Enclosures	į.	3 Hard Copy+ 1 So	ft copy		12 SEP 2010
Reason(s) for Alteration	: Grade B50	00B upgraded versio	on of Grade 46	0B	SIGN. LESA DATE
Reviewed By	: Technical De	pt. Sig	nature:	MI	Date: 29.06.18
Submitted by	: PM	Sig	gnature:	221	Date: 29 - 8 - 18
This portion is for the use	of Consultant only			<i></i>	
Status Approved	Approved A	As Noted	Rejected		Resubmit
Comments	* Refer	Comments	on al		l sheet.
Signed by: False		Signature:	- APTather	υπ. Da	nte: 06/04/18
This portion is for the use	of Client only	•	1		\
Status Approved	☐ Approved	As Noted	Rejected	··-	Resubmit
Comments					
Signed by:		Signature:	A CONTRACTOR OF THE PARTY OF TH	Dá	ate:
This form is to be handed ov	er to ARENCO early en	ough. Sometime, app	roval of Materia	(s) may taker	n upto two weeks.

Employer: Consultant / Architect: Main Contractor Mrs. Al Anoud Khalifa **Elite Engineering Consultants** New Seashell Building Contractor LLC Al Mehairi SUPPLIER APPROVAL FORM SUBMITTAL No: NS/1095/SB/105 Date: 21-2-2018 Constructing Residential Villa (B+G+1) on Plot No. 356 5681 Project: Project No. 1095 Engineer: **Elite Engineering Consultants** To: Dr. Wamidh A Jassem - General Manger Submittal Status: Ist Submittal Re-Submittal (No. 1) Architectural Civil / Structural MEP Testino Others (Material) MATERIAL: Sohar Steel Supplier: RAK Middle East Traders L.L.C. Copies: 2nos Manufacturer: Country of Origin: Applicable Standards: Project Specifications Reference BOO Reference: Location for use: Technical Details Submitted As: Attachment Catalogue Sample Provided: Yes No Availability of Material Local Import Lead Time Required Yes No Time of Delivery to Site As per Project Requirement Supplier Details Compliance with Project Specifications: Yes Alternative (Plesae fill below) ALTERNATIVE MATERIAL Time Implication of Alternatives NO Yes Cost Implication of Alternatives NO Yes Reasons for Alternative (Include supporting documents if any) The above mentioned supplier PREQUALIFICATION is submitted to your review/approval Submitted by: New Seashell Building Contractor LLC Contractor's Representative: Signature: CONSULTANT'S COMMENTS:-Follow spects. Engineer: Signature: The mentioned material has been: B Approved as Noted Approved as Submitted Rejected before work proceeds Incorporate & Proceed \* It is to the Engineer's discretion to ask for certain tests to be carried out on the material by an independent approved laboratory at cost to the Received by Consultant ( Please sign below. Retain Original & Return Copy) Name: Signature: Date:

This approval does not relieve the contractor or supplier of his responsibilities to ensure design, detail analysis, calculations, test methods or material developed or selected by the supplier or contractor and does not relieve the contractor or supplier from full compliance of contractual obligations in respect of meeting the specifications and contract documents

<b>Project Name:</b> CONSTRUCTION OF CENTARA DEIRA ISLANDS BEACH RESORT	EMPLOYER:  SAKIII DEIFA INI ANIX CINTAES RESORT	Request No.
Project No. : D17099-0200S	DMS 146368	D17099-0200S-CIV-SAM-0050 Rev 00
ENGINEER:	CONTRACTOR :Parkway International Contracting LLC	Date
Dar Al Handasah	PIC.	27/11/2018

SUBMITTAL FOR API	PROVAL OF MATERIALS
MATERIAL DESCRIPTION (one item only on this for Steel Reinforce)	orm): ment - 8mm - 40mm
	B.O.Q. Ref. No. : 1799-12005 Standards : 27 NOV 2018
Company Name : M/s. Jin Address : P.O Box	idal 5647, Dubai U.A.E K Middle East Traders LLC
Counting Origin: Oman	
Cocally Manufactured	© Overseas
Delivery :	
Program :	العالمة المناد ا
We certify that the above submitted items have been reviewed in detail an specifications except as otherwise stated; also that the material sources in the submitted items in conformity with the above and deliver same timely. Submitted by: Tarek Zoabi	d are correct and in strict conformity with the contract drawings and
4. CONSULTANT'S COMMENTS: Comply with attached Dar com	Approved As Noted Revise and Resubmit Rejected Sample Required Additional Info Required Manufacturer's Guarantee Req.
Signature:	DATE 2 / IV N8
Signature:	Approved Approved As Noted Revised and Resubmit Rejected  DATE: / /

<b>Project Name:</b> CONSTRUCTION OF CENTARA DEIRA ISLANDS BEACH RESORT	EMPLOYER:  NAMIH: DIRANANDA  CINTARA REMORT	Request No.
Project No. : D17099-0200S	DMS 146368	D17099-0200S-CIVL-SAM-0043 Rev 00
<u>ENGINEER</u> :	CONTRACTOR :Parkway International	Date
Dar Al Handasah	PIC.	06/11/2018

SUBMITTAL FOR APP	ROVAL OF MATERIALS
1. MATERIAL DESCRIPTION (one item only on this fo	rm): RECEIVED
Steel	Rebars 77 Nov as
	[5] MOV 2010 [3]
Area of Application : Project Fu	III Site Area CENTARA HOTEL
Drawing Ref. :	B.O.Q. Ref. No. :
Specification Ref. :	Standards : COSTALIRA
Attach all relevant technical literature marked to identify relevant description	n, current Test Certificates, samples as appropriate.
2. MANUFACTURER/SUPPLIER :	- for.
Company Name : M/s/Tita	* I distinctive the contract of the contract o
***************************************	6578 Dubai, U.A.E
	( Middle East Traders LLC
3. DELIVERY:	
Coventaging f Origin: UAE	
Locally Manufactured	○ Overseas
Delivery :	
3 <b></b>	
Program :	- r - r r
We certify that the above submitted items have been reviewed in detail and specifications except as otherwise stated; also that the material sources indithe submitted items in conformity with the above and deliver same timely.  Submitted by:	11 6. 1 - 1 82 11
4. CONSULTANT'S COMMENTS :	
Comply with affached Da	1 Comments Approved CONTRA
72 / 201 2	Approved: As: Noted
	Revise and Resubmit
	Rejected Rejected
	Sample Required
	Test Required  Additional Info Required
	Manufacturer's Guarantee Req.
Signatura	
Signature:Client:	DATE OF /\\ \ \%
Ollent.	Approved
A PACE A PAGE	Approved
0.8 NOV 2018	Revised and Resubmit
0.0 1121	Rejected
Signature:	DATE: / /
Approval shall not relieve Contractor of his liabilities under the Contract or co	

## **TECHNICAL SUBMITTAL**

Consultant: BH. NS Engineering Consultants  Ohans  Project: MBR - DHE - Plot	Client:  DUBAL HILLS  THE PA1-67 type A6 Mediterral		PIC
SUPPLIER RAK Middle East Trader LLC	SERIAL NO.  MV-PQ-PIC-149-CIVIL-00	REVISION	DISCIPLINE
		9 00	CIVIL
SAMPLE	▼ TECHNICAL DATA		TEST
FOR APPROVAL	FOR INFORMATION		
MANUFACTURER:	M/s RAK Middle East Trader LL		
BRAND:	Steel Rebars		
SUPPLIER:	M/s RAK Middle East Trader LLC	3	
DESCRIPTION:	Prequalification of M/s RAK Middle E	ast Trader for Si	teel Rebars
LOCATION TO BE USED:	All Location to be Applied		
Specs Ref. No.: 2  Specs Ref. No.: 2  FROJETIMANAGER  BH.NS Response:  Code 1	- Trade license Valid fill - To company with business 2	os po 2 2/8 in lance of a 2 in lance of a 2 in seed	RECEIVED TO FEB 2018 TO FEB 2018 TO THE PROPOSED TO THE PROPOS
Subcontractors	person person person	Contract.	
I I	1		



Tel:: 1970 4 250 1105 1 Fax::=971 4 251 1004 1 P.O. Rom: 23211 1 Dúbai, UAE. Email: info@febcolicicom

COS O O O

	SUPPLIER SUBMITTAL (SS)				
Project	G:++4HLOORS:+ROOF LABOUR ACCOMMODATION PLOT NO. 599-7457 AT JEBEL ALLI IND. 18 <sup>ST</sup> ,, DUBAH-UAE				
Client	MIR. NAUEEB ALLMANA	Ref. No.	SS /2018/ FI		
Consultant	DEVELOPMENT CONSULTING ENGINEERS	Date	20th of Janua	ary 2018	
Contractor	FORWARD ENGINEERING BUILDING CONTRACTING L. L. C.	Rev No.			
Structura	Architectural Civil Mechanical	Ele	ectrical	Other	V
No.	Detail Detail	2	Not		
1 Com	any Profile - RAK MIDDLE EAST TRADERS LLC	3 sets i	Hard copy & 1	set Soft copy	
ATTACHN Pre-Qual THE CONTR	fication   Samples: Product Catalogue	Shop-I	Drawing	Others	
We certify that	he item submitted herewith have been reviewed in detail and are in strict conformance with the C	ontract Drawii	ngs and Specificati	on otherwise stated	d.
2) RANDO	E : SIGNATURE :  : Engr. Yassar Arafat – Project Manager NAME :  : 8 <sup>th</sup> of January 2018 DATE :	APPRO AT	ECEIV DVAL STATUPPROVED AS OF EVISE & RESURENCE AS OF THER	US: COMMENTS	
Correction or	P.O. BOX: 13401  comments made relatively to Submission during this review does not relieve the Contractor This cheek is only for review of Seneral conformity with the design concept of the project	from complet	ting the requireme	nts of the drawin	

Project: G+3P+10Tvp+GYM+R Plot No:326-1006, Al Jadaf Client:Mr.Sulthan Saeed Mohd Bin HaddaAl Suwaidi Consultant: GEC-GermanEngineeringConsulting Contractor: IAS Lootah Contracting L.L.C. Project No. of Consultant SUPPLIER SUBMITTALFORM DATE REF:IAS/G+10/SP/006 B//30 08/05/2018 SUBMITTAL COMPANYNAME SCOPEOFWORK ATTACHMENT Company Profile M/s RAK Middle Fast Traders Pre-Oualification and material submittal for Steels / cut and bed TechnicalBook Sample Main Contractor's MEP Coordinator'sSign(IfRequired) Consultant's ReceiptDate Project Manager For Consultant's Use only Approvedwithcomments Rejected Consultant's Comments: We have no objection for M/s. RAK Middle East Traders L.L.C for steels cut and bend works. Steel reinforcement rebar works should be as per approved drawing and engineering standard. Rebar detailed shop drawings must be submitted for consultant review checking and approval. Final approval as per work performance. Safety procedure must be considered as per authority's rules and requirements. Use approved steel only. Checked 10-5-2018





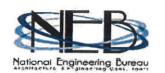


## DOCUMENT APPROVAL REQUEST

SPP FORM 02A

Project Director  Eng. Jad Maalouf  Project Director  Eng. Jad Maalouf  Ref.  TAC-114/R1083/DAR/017  TAC-114/R1083/DAR/017  Ref.  TAC-114/R1083/DAR/017  TAC-114/R1083/DAR/017  Ref.  TAC-114/R1083/DAR/017  Ref.  TAC-114/R1083/DAR/017  Ref.  TAC-114/R1083/DAR/017  TAC-114/R1083/DAR/017  Ref.  TAC-114/R1083/DAR/017	Project:	R1083 AI Qusais Residential Developr	ment Plot No.248	8-6508 - Main Package A, Dubai, U.A.E
Signature  WE REQUEST APPROVAL OF THE FOLLOWING DOCUMENTS:  Architectural	Contractor	Technical Architect Contracting LLC	Date	17-July - 2018
Signature  WE REQUEST APPROVAL OF THE FOLLOWING DOCUMENTS:  Architectural Scivil / Structural Services  S. No. Document Title  Document Title  O1 Pre-Qualification Documents of RAK Middle East Traders L.L.C Received - Reinforgement Supplier 3)  COMMENTS & No objection Performent Supplier Subject to Confly  Strictly with DM rules and Regulation.  Approved with No Objection Approved with Comments Not approved  Discipline Engineer: Sr. P.L. Sr. Q.S. Sr. ARCH Sr. M.E. Sr. E.L. Signature:  PM Signature: Date Date  PM Signature: Date  Approved with No Objection Approved with Comments  COMMENTS  Resident Engineer Signature  Date Date Date  Document 21 - 1 - 8  Received to the Use of CLIENT only  Approved with No Objection Approved with Comments  Resident Engineer Signature  Date Date Date Date  Document Title  Date Date Date  Document Title  Services  Document Title  Services  Document Title  Date  Date  Document Title  Date  Document Title  Date  Date  Date  Document Title  Date  Date  Date  Document Title  Date  Date  Date  Document Title  Date  Date  Date  Date  Document Title  Date	Project Director	Eng. Jad Maalouf	Ref	TAC-114/R1083/DAR/01 <b>7</b>
Architectural   Services   Services   Services   S. No.   Document Title   Document Title Title Title   Document Title Tit	Signature	Juliet		
S. No.  Document Title  O1 Pre-Qualification Documents of RAK Middle East Traders L.L.C. Recorded - Reinforcement Supplier 3)  Resident Engineer Signature  S. No.  Document Title  Document Title  Document Title  Document Title  Recorded - Reinforcement Supplier 3)  Resident Engineer Signature  Document Title  Document Title  Resident Engineer Signature  Date  Date	WE REQUEST APPROVA	AL OF THE FOLLOWING DOCUMENTS:		
COMMENTS & No objection for Profosed Sufflier Subject to Confly  Strictly with DM rules and Regulation.  Approved with No Objection Approved with Comments Not approved  Discipline Engineer: Sr. P.L. Sr. Q.S. Sr. ARCH Sr. M.E. Sr. E.L. Signature:  ARE Signature: Date 21.7.18  PM SPP Signature: Date 21.7.18  For the use of CLIENT only  Approved with No Objection Approved with Comments Not approved  COMMENTS RECEIVED  TAC-114-AW  Resident Engineer Signature Date Date Dock Control	Architectural	☐ Civil / Structural	☐ Services	CPP
COMMENTS & No objection for Profosed Sufflier Subject to Confly  Strictly with DM rules and Regulation.  Approved with No Objection Approved with Comments Not approved  Discipline Engineer: Sr. P.L. Sr. Q.S. Sr. ARCH Sr. M.E. Sr. E.L. Signature:  ARE Signature: Date 21.7.18  PM SPP Signature: Date 21.7.18  For the use of CLIENT only  Approved with No Objection Approved with Comments Not approved  COMMENTS RECEIVED  TAC-114-AW  Resident Engineer Signature Date Date Dock Control	S. No.	Docu	ment Title	ived by Si
COMMENTS & No objection for Profosed Sufflier Subject to Confly  Strictly with DM rules and Regulations  Approved with No Objection Approved with Comments   Not approved  Discipline Engineer: Sr. PL   Sr. QS   Sr. ARCH   Sr. ME   Sr. EL   Signature:  ARE Signature: Date  PM Signature: Date  PM Signature: Date  COMMENTS   Not approved  Approved with No Objection   Approved with Comments   Not approved  RECEIVED  TAC-114-AW  Resident Engineer Signature   Date   Doc. Control	01 Pre-Qu	alification Documents of RAK Middle East Tr	aders L.L.C	arceend - Reinforgement Supplier 3)
COMMENTS & No objection for Profosed Sufflier Subject to Confly  Strictly with DM rules and Regulations  Approved with No Objection Approved with Comments   Not approved  Discipline Engineer: Sr. PL   Sr. QS   Sr. ARCH   Sr. ME   Sr. EL   Signature:  ARE Signature: Date  PM Signature: Date  PM Signature: Date  COMMENTS   Not approved  Approved with No Objection   Approved with Comments   Not approved  RECEIVED  TAC-114-AW  Resident Engineer Signature   Date   Doc. Control				Time:
Strictly with DM rules and Regulations.    Not approved with No Objection   Approved with Comments   Not approved				
Approved with No Objection Approved with Comments Not approved  Discipline Engineer: Sr. P L   Sr. Q S   Sr. ARCH   Sr. M E   Sr. E L   Signature:  ARE Signature: Date 21.7.18  RE Signature: Date  PM SPP Signature: Date  Approved with No Objection Approved with Comments Not approved  COMMENTS RECEIVED  TAC - 114-AW  Resident Engineer Signature Date Doc. Control				7
Approved with No Objection Approved with Comments Not approved  Discipline Engineer: Sr. P L   Sr. Q S   Sr. ARCH   Sr. M E   Sr. E L   Signature:  ARE Signature:  PM Signature:  Date Date Date Date Date Date Date Date	Strict	by with DM rules and Regul	ation (	
Discipline Engineer: Sr. P L	* Mor	terior to be Submitted for a	n PProvide	
Discipline Engineer: Sr. P L				
ARE Signature:  PM Signature:  Date Date Date Date Date Date Date Date	Approved with No	Objection Approved with	Comments	☐ Not approved
RE Signature:  PM Signature:  Date D1/7/8  For the use of CLIENT only  Approved with No Objection Approved with Comments  COMMENTS  RECEIVED  TAC-114-AW  Resident Engineer Signature  Date Doc. Control	Discipline Engineer:	Sr. P L Sr. Q S Sr. ARCH Sr. A	ΛΕ ☐ Sr. E L	Signature:
PM Signature:  Date 01718  For the use of CLIENT only  Approved with No Objection Approved with Comments Not approved  RECEIVED  TAC-114-AW  Resident Engineer Signature Date Doc. Control				
Approved with No Objection Approved with Comments Not approved  RECEIVED TAC-114-AW  Resident Engineer Signature Date Doc. Control	100			1 /
RECEIVED TAC-114-AW  Resident Engineer Signature  Date  RECEIVED  TAC-114-AW  Doc. Control	For the use of CLIENT o	nly		
Resident Engineer Signature  Date  TAC - 114-AW  23 JUL 2018  BY:  Doc. Control	Approved with No	Objection Approved with Co	mments	☐ Not approved
Resident Engineer Signature Date Doc. Control	COMMENTS		F	
Resident Engineer Signature Date Doc. Control				A
Resident Engineer Signature Date Doc. Control				Property of the second
		nature	Date	







SAFEER TOWER (1B+G Marina, Dubai, UAE	+25F+R) on Plot No	. 392-483. Dubai	Project	1
			Code:	16-1624
Technic	al Submitta	1	Ref. No.	RCC310-TS-CVL-015-Rev./
I COMMO	ai Subiiiilla	l	Date:	30/1/2017
of Submittal:			Required By:	NEB CONSALTANT
or oublinitar.			Division	CEIVED
10-21		☐ Technical Data	Others (Specify)	ISPUELLE
(A)	ENGINEER TO THE PROPERTY OF TH	☐ Test Reports	PREQULIFICATION	E SAPERVISION
learner of the control of the contro	and the second s	∐ Warranty		I ITAN ZAGARDO Only
s PM: (Name/ Sypature/Daje)	1/298	Received by NEB: (Na	Time:	0.20-
	REVIEW	STATUS		
proved B. Appro	oved As Noted	C. Revise and Resubmit	☐ D.	Not Approved
eer's Representative Co	omments:			
er's Representative: (Name	e/ Signature/ Date) しなん		6	30 ol-17
Name			ignature/Date	
	of Submittal:  Calculations Compliance Statement Material Approval Method Statement SPM: (Name/ Supature/ Date) Per's Representative Comment  er's Representative: (Name/ Supature/ Comment	PREQULIFICATIONS FOR JINDAL (OMAN R    Calculations	Calculations   O & M Manual (Prel.)   Technical Data   O & M Manual (Prel.)   Technical Data   O & M Manual (Prel.)   Test Reports   O & M Manual (Final)   Test Reports   O & M Manual (Final)   Test Reports   O & M Manual (Final)   O & M Manual (Fina	Of Submittal :   PREQULIFICATIONS & TECHNICAL SUBMITTAL FOR JINDAL (OMAN)/SOHAR (OMAN) STEEL DIVISION   Division REBARS   Division Division   O & M Manual (Prel.)   Technical Data   Others (Specify) PREQULICATION   Material Approval   Samples   Warranty   PREQULICATION   Method Statement   Sobediles   Received by NEB: (Name/ Signal Mill Division   PREQULICATION   PREQUENCIATION   PROCENCIATIO







### MATERIAL APPROVAL REQUEST

SPP FORM 01

Project:	R1083 Al Qusais Residential Dev	velopment Plot No.	248-6508 - Mai	n Package A, Dubai,	U.A.E
Contractor	Technical Architect Contracting	g LLC Date	17-July-2018		
Project Director	Eng. Jad Maalouf	Ref.	TAC-114/R108	83/MAR/010	
Signature	Tullett	3,55 - 3,56			
WE REQUEST APPROV	VAL OF THE FOLLOWING MATERIAL	S IN ACCORDANCE	E WITH OF THE C	CONDITIONS OF CON	TRACT:
Architectural	Civil / Structural	☐ Se	ervices	Other	
Material	Steel Reinforcement –	Material			
Specified:	Emirates / Jindal /	Proposed:			
	Hamriyah / Sohar Steel			25	51
Location to	Substructure and Super	Spec. Ref.: 032	110 –	eived byspr	
be Used:	Structure Area	CONCRETE REINFORC	CEMENT	eived by	
Sub-Contractor:	RAK Middle East Traders LLC	BOQ Ref.: N/A	Kec	Page: NA	
Manufacturer:	Emirates Steel Industries	Local Agent:		Middle East Traders LLC	1
	Jindal Shadeed Iron and Steel				
	Hamriyah Steel FZC		170	we:	
	Sharq Sohar Steel		1		
Brochure /		Samples	Inc     Inc	luded	
Literature	☐ Not Included		☐ Not	t Included	
1) Souple of ste	noterial to Comply with I noterial to Comply with I n DM rules & regulations Delivered to site to have of steel to be used to be Submitted for	rates, Jindal tested by Ap Project specific  c DCL covtif for structur a pproval d with Comments		yah Steel Sub physical Scheoo C, HeE Plan. I'ved tag Sheut Not approved	ject to:
Discipline Engineer:	Sr. P L Sr. Q S Sr. ARCH	☐ Sr. M E ☐	Sr. E L	Signature:	
ARE	Signature:		Date	21,7,2018	
RE	Signature:		Date		
PM SAP	Signature:		Date	21/18	
For the use of CLIENT Approved with No COMMENTS		ed with Comments		Not approved  ECEIVED	
				TAC - 114-AW	
		<u> </u>		2,3 JUL 2018	
			BY	2010	
Signature		Date	DI F	Doc. Control	
Name		Ref.	Company	Control	

Client		Consultant	1 mm m	Main Contractor	
	DIYAFAH INTERNATIONAL SCHOOL	NED two	HEERING CONSULTANCY OFFICE OF ET ANGLES AND CONSULTANCY OF THE CONSULT		TERNA GROUP
Project Name:	DIYAFAH INTE	ERNATIONAL SCHOO	DL PHASE 2	Project Code:	16-1656
	Taalaalaa		Ref. No.	DIS/DSA/RAKMET/C/PQ/029 Rev. 00	
	recnnica	al Submittal		Date:	30-Dec-18
Description	of Submittal :	(UAE) / SOHAR STEE	nnical Submittal for <u>UNIO</u> N EL (OMAN) / Steel Rebars	Required By:	
	T	(SOHAR STEEL as	an alternative option)	Division:	
Enclosed:	Calculations Compliance Statement Material Approval Method Statement	O & M Manual (Prel.) O & M Manual (Final) Samples Schedules	✓ Technical Data ✓ ☐ Test Reports ☐ Warranty ☐ RECEI	Prequalification	Issued For:  Approval  Info & Records Only
Contractor's	's PM: (Name Signature (Date)		Received by NEB: (Na	me/ Signature/ Da	te)
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			3 8 050	1	
			For :	/	
			Sign.:		
	Anaround . D Br Ana		STATUS  C. Revise and Resubmit		D. Not Approved
		proved As Noted	C. Nevise and Nesdomic		D. Not Approved
NEB Engin	Pluse ref		ettached Con	nments	
	1	William W			
NEB Engine	Bady Warn	ne/ Signature/ Date) 7/1/2019	Received by Contracto	<b>or:</b> (Name/Signa	ature/ Date)
Client's / R	Representative Commen	ts: ENGINE	TANGYOR		
		ERING CONSUL			
	Name			Signature/Date	
requirements a	r comments made relative to subn and specifications. This check is ith the information given in the co	only for review of general	I conformance with the design	gn concept of the	project and general

	Contract No. T/				
Material Submittal No: TLCGT/P-046/MTS	MATERIA	L SUBMITT	AL		
Description	5/001	Revision	0	Date	5-Mar-18
	Steel Rebars				
B.OQ Ref.	Structural Metal works,Road lighting works,Storm water drainage works,Manholes,Street Light foundation,Culvert. (25mma,20mma,16mma,12mma,8,8mma,1				
Specification Clause Ref.	foundation,Culvert. (25mm\(\ome\),20mm\(\ome\),16mm\(\ome\),12mm\(\ome\) & 8mm\(\ome\))				
Drawing Ref. / Material Item No.	165/C/STR/00/SD/002/A//01,165/C/RDE/00/ST/002/A/01,165/C/RDE/00/TS/003/A/01 1.Sharoq Sohar steel				
Manufacturer	1.Sharoq Sohar steel 2.Emirates Steel				
ocal Supplier inclosures	Rak Middle East Trade	ers IIC (D.O.D.	1061		
Norms / Standards Concerned Auth. App B.O.Q Pages Specification Pages otes:  Dismitted By: (Contractor) oplink Contracting)  TOP L Contracting & gen political Consultant:  APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED	INK. Transport LLC. توب لينك للمقاولات D Dhabi - U.A.E.	Received By: (Con: Received By: (Con: Received By: (Con:	Job  Test  Prev  Sultant)		al
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Signature & Date:

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Contract No.
231100aiSA120



Signature & Date:





### Idroesse structure two first the control of the con UNITED ARAB EMIRATES MINISTRY OF INFRASTRUCTURE DEVELOPMENT UPGRADING, DEVELOPMENT AND CONTINUATION OF MALIHA ROAD LINKING SHEIKH KHALIFA ROAD TO E99 (PHASE -1) CONTRACT: No. T/7192-311906 - 54/2017 **MATERIAL SUBMITTAL** 30-Apr-18 Material Submittal No: TLCGT/AA/P-043/MTS/016 Revision Date Description Reinforcement Steel bars concrete Ancillaries , N . Steel Reinforcement B.OQ Item Ref. Section 401 : Concrete 401.3 Reinforcement . Specification Clause Ref. TLGC/P-043/RDS/SD/PS/0016 Drawing Ref. / Material Item No. Manufacturer M/s RAK MIDDLE EAST TRADERS L.L.C Local Supplier ✓ Drawings Catalogue / Data Sheet **Enclosures** Job Reference **V** Certification of Quality Norms / Standards MOID Certificate **Trade License Test Certificate √** B.O.Q Pages **Comparison Sheet Previous Approval ✓** Specification Pages **Previous Comments** Sample Notes: Received By: (Consultant) توب لينك للمقاولات والنظليات (Contractor) Submitted By: (Contractor) oplink Contracting & General Transport LLC (Idroesse Infrastructure) 0 1 MAY 2018 COMPLETION OF MALIHA ROAD From Shaller 10 Mar Road to Road E99 Phase 1 Contract Spr. 107 192-311906/54/2017 LINK From Shalkh-K ورب : ۲۰۱۱۸ , نبي - الإمارات العبيدة المقاترة P.O. Box : 20118, Dubai - United Arab Emirates Signatur & Date: APPROVED **REVISE & RESUBMIT** REJECTED APPROVED AS NOTED Comments: Material Engineer: Representative of the Consultant Resident Engineer 17 18 **Resident Engineer** Recieved By: (Contractor) (Toplink Contracting) (Idroesse Infrastructure)

Signatur & Date: