



Branch of Sinohydro Corporation Limited



Wood Al Hejailan



MATERIAL SUBMITTAL

PROJECT NAME:

AMAAD Business Park -Hospitality PACKAGE-03

CONTRACT NO: BPCC-19-BP-0002

CLIENT: Business Park Complex Company (BPCC)

ENGINEER: Mustang, Faisal Jameel Al Hejailan

LOCATION: Daharan

Submittal No.: PKG3-SH-WAH-MTR-E-0004C

Submittal Date: 1-Oct-20

Revision No.: 00

Document Type:

Material Technical Submittal Sample

Material: GI CONDUITS AND FITTINGS (EXPOSED APPLICATION)

Manufacturer Details: INTERNATIONAL TUBE & CONDUIT COMPANY LTD

Country of Origin: SAUDI ARABIA

Supplier Details: ZAMIL COOLCARE

Attachments: Yes (Hard and Scan copies)

Submitted by: Rami AL -Hassan

Position: Project Manager

Signature: [Signature]

Reviewed By: Benedict De Torres

Position: QA/QC Manager

Signature: [Signature]

Discipline: Structural/Civil Architectural Mechanical Electrical General / Coordination

Consultant's Comment:

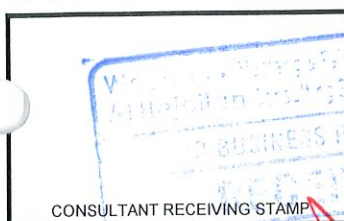
ELECTRICAL - SEE ATTACHED COMMENTS FOR COMPLIANCE PRIOR TO PURCHASE OF MATERIALS.




Status: Approved - A Approved with Comment - B Revise & Resubmit - C Rejected - D

Reviewed by: [Signatures] 20 OCT 2020

Approved by: H. Makayzi 21 OCT 2020



Receiving Date & Time: 01-10-2020 02:20 PM

COMMENTS CONTROL LOG		Subject: GI Conduit and Fittings (Surface Mounted Application) Material Submittals for Parcel 2	Approval Status: "Approved with comments"	
SINOHYDRO Submittal No: PK3-SH-WAH-MTR-E-0004C		Rev: 00	Date: 20 Oct 2020	
SN	Page No	Consultant Comments	Status (OIC)	Remarks
1	1	<p>The Contractor/Manufacturer shall comply as per below comments.</p> <ol style="list-style-type: none">GI conduit and fittings are acceptable and approved materials conforming with project specs for hot dipped galvanized conduit (Class 4) BS 4568 standards and included in the approved vendor lists.This approval is only for sizes 20mm, 25mm and 32mm \varnothing conduit and fittings.Contractor to provide sample of materials prior to purchasing.	Sinohydro	

RESPONSE TO COMMENT



PROJECT TITLE : AMAAD Business Park - Hospitality

TRANSMITTAL NO. : SHD - AMAAD - P2 - 0053

SUBMITTAL TITLE : GI CONDUITS AND FITTINGS (EXPOSED APPLICATION)

Date : Sept. 30, 2020 Rev : 01

S/N	CONSULTANT COMMENT	SINOHYDRO REPLY	REMARKS
1.	Proposed supplier on the transmittal sheet is "Electrical House Est." while the content of the submittal is for two suppliers "Electrical House Est." and Zamil Coolcare."	The revised submittal is only for Zamil Coolcare as our proposed supplier.	Comply.
2.	Material submittals shall have a clear supplier details on the transmittal sheet.	Noted.	Comply.
3.	Submit only one supplier per material submittal.	Noted. Only Zamil Coolcare is the proposed supplier.	Comply.

Prepared by: Stewart O. Dotillos
Procurement Engineer

Reviewed by: Hassan Safdar

Approved by: Benedict De Torres
QA/QC Manager

Date: September 30, 2020

MTS No. SHD-AMAAD-P2-0053

Rev. 01

MATERIAL TECHNICAL SUBMITTAL

For: GI CONDUITS AND FITTINGS (EXPOSED APPLICATION)



Project Title : AMAAD Business Park – Hospitality

Contract No. : BPCC-19-BP-0002

MATERIAL SUBMITTAL FOR

For: GI CONDUITS AND FITTINGS (EXPOSED APPLICATION)

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- 1.8 Technical Data Sheet
- 1.9 Brief Company Profile

MTS Approval Sheet

MATERIAL TECHNICAL SUBMITTAL



Wood Al Hejailan



TO: AMAAD Business Park - Hospitality ATTN: James Kakish Projects Director Wood Al-Hejailan FROM: Branch of Sinehydro Corporation Ltd. Dammam 32415, Saudi Arabia Tel: 013 869 2220	CONTRACT No. : BPCC-19-8P-0002 PROJECT TITLE : AMAAD Business Park – Hospitality LOCATION : Dhahran, Saudi Arabia <p style="text-align: center; color: red; font-weight: bold;">MATERIAL DESCRIPTION</p> <p style="text-align: center; font-weight: bold;">GI CONDUITS AND FITTINGS (EXPOSED APPLICATION)</p>	No. of Copies: 1 SPECS REF.: Section 26 05 32 DRAWING REFERENCES: EG012, EG014, FA011 & IT004 IFC DRAWINGS	SUBMITTAL CODE A <input type="checkbox"/> Architectural C <input type="checkbox"/> Civil S <input type="checkbox"/> Structural M <input type="checkbox"/> Mechanical E <input checked="" type="checkbox"/> Electrical I <input type="checkbox"/> Telecommunication O <input type="checkbox"/> Others
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New Submittal <input type="checkbox"/>	REFERENCE SUBMITTAL NO. SHD - AMAAD - P2 - 0053	REV. NO. 01	DATE 30-Sep-20
Re-submittal <input checked="" type="checkbox"/>	Attachments: Mill Test Certificates <input checked="" type="checkbox"/> Test Certificates <input type="checkbox"/> Other Documents <input type="checkbox"/> Inspec.Cate. <input type="checkbox"/> N/I		

SN	MATERIAL DESCRIPTION	MANUFACTURER NAME & CONTACT DETAILS	VENDOR NAME & CONTACT DETAILS
1.	GI CONDUITS AND FITTINGS (EXPOSED APPLICATIONS) ITCC-SIZES 20mm, 25mm & 32mm Delivery Time: (1 - 2 Weeks) Location: Parcel 2, Hotel & Serviced Apartment Material Report Code: EL-004	INTERNATIONAL TUBE AND CONDUIT COMPANY LTD. P.O. Box 10374, Jeddah 21433 Kingdom of Saudi Arabia Tel.: +966 12 288 5935	ZAMIL COOLCARE P.O. Box 14440, Dammam City 31424 Kingdom of Saudi Arabia Tel.: +966 13 847 4222

Prepared By: Stewart O. Deillos Procurement Engineer Date: 30/09/20	Reviewed By: Hassan Saïdar PQCS Date: 30/09/20	Reviewed By: Rami Habash LEED Engineer Date: 30/09/20	Approved By: Mohammed Zaki Procurement Manager Date: 30/09/20
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Reviewed By: Ahmed Albrahmi Material Specialist Date: 3-09-20	Reviewed By: Nair Pratheesh QA/QC Engineer Date:
Project Manager Houseam Nakouzi Signature: <i>[Signature]</i>	Date 24 OCT 2020

(FOR CONSULTANT USE ONLY)
REVIEW/COMMENTS/APPROVAL/ACTION

Approved Approved with Comments
 Correct & Resubmit Rejected

Technical Comparison Sheet

Technical Comparison Sheet




PROJECT TITLE : AMAAD Business Park - Hospitality

TRANSMITTAL NO. : SHD - AMAAD - P2 - 0053

SUBMITTAL TITLE : GI CONDUITS AND FITTINGS (EXPOSED APPLICATION)

Date : September 30, 2020 Rev : 01

Specifications Ref.	Material Source (MFR / SUPPLIER)	Specification Requirement	Proposed Material	Remarks Identify any Deviations From Specs and Justify
Section 26 05 32, Part 1.3.1 CONDUITS AND FITTINGS	<p style="text-align: center;">Manufacturer: ITCC</p> <p style="text-align: center;">supplier: Zamil Coolcare</p> <div style="text-align: center;">  </div>	Applicable Standards: Specification For Metallic Conduits BS 4568 Part 1 & 2.	ITCC GI CONDUITS are manufactured as per British Standard BS EN 4568.	Comply.
Section 26 05 32, Part 2.2.1 CONDUITS AND FITTINGS		Conduits shall be constructed from solid drawn mild steel, outside and inside galvanized and shall comply with BS 4568 Part 1 & 2.	ITCC GI CONDUITS are constructed from solid drawn mild steel, outside and inside galvanized and manufactured as per British Standard BS EN 4568.	Comply.
Section 26 05 32, Part 2.2.2 CONDUITS AND FITTINGS		The galvanized coat of zinc shall be of uniform thickness applied to outside and inside including the threads.	Noted.	Comply.
Section 26 05 32, Part 2.2.3 CONDUITS AND FITTINGS		Each conduit shall be straight, free from blisters and other defects; cut square and taper reamed, furnished with coupling in standard lengths, and threaded each end.	ITCC GI CONDUITS are straight, free from blisters and other defects; cut square and taper reamed, furnished with coupling in standard lengths, and threaded each end.	Comply.
Section 26 05 32, Part 2.2.4 CONDUITS AND FITTINGS		Couplings shall be applied at one end of each conduit and colour coded plastic threaded protectors to the other end. The interior threaded surface of each coupling shall be galvanized to ensure 100% galvanic protection on all surfaces.	Noted.	Comply.
Section 26 05 32, Part 2.2.5 CONDUITS AND FITTINGS		The galvanized coating shall be of such quality and uniformity that a sample of the galvanized conduit will not show a fixed deposit of copper after four immersions of dips in a standard copper sulphate solution.	ITCC GI CONDUITS are of uniform galvanized coating without any trace of fixed copper deposit.	Comply.
Section 26 05 32, Part 2.2.6 CONDUITS AND FITTINGS	The galvanized coating on the conduit shall be sufficiently elastic to prevent cracking or flaking when a sample of finished conduit is bent 90 degrees at a	ITCC GI CONDUITS galvanized coating possess elastic property preventing to create cracks or flakes when it is bent 90 degrees at a minimum temperature of 15°C	Comply.	

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Technical Comparison Sheet



PROJECT TITLE : AMAAD Business Park - Hospitality

TRANSMITTAL NO. : SHD – AMAAD – P2 – 0053

SUBMITTAL TITLE : GI CONDUITS AND FITTINGS (EXPOSED APPLICATION)

Date : September 30, 2020 Rev : 01

Specifications Ref.	Material Source (MFR / SUPPLIER)	Specification Requirement	Proposed Material	Remarks Identify any Deviations From Specs and Justify
Section 26 05 32, Part 3.1.1 CONDUITS AND FITTINGS	<p>Manufacturer: ITCC</p> <p>Supplier: Zamil Coolcare</p>	<p>minimum temperature of 15 degrees centigrade. Generally, all exposed conduits shall be Galvanised Iron (GI) type. PVC conduit shall only be permitted for cast-in or embedded in concrete use. Low Smoke Zero Halogen type conduits shall be used for surface mounted/above false ceiling application.</p>	ITCC GI CONDUITS are suitable for exposed areas.	Comply.



Prepared by:

Stewart O. Datillos

Procurement Engineer

Reviewed by:

Hassan Safdar

PQCS

Approved by:

Benedict De Torres

QA/QC Manager

(Handwritten signatures in blue ink)