

MARBELLA VILLAS AT HAYAT ISLAND IN MINA AL ARAB RAS AL KHAIMAH

CLIENT: RAK Properties PJSC 16 OCT 2019

Engineer: Dar Al Omran

CONTRACTOR: Al Ali Construction & Development LLC Contract: 09918

Date: 5-Oct-2019 MS No: MS/AAC/MV/MEP/PL/0005R2

MATERIAL SUBMITTAL

To : ENGINEER

New Submittal: [] Resubmittal: [✓]

MATERIAL DESCRIPTION

PPR-PIPES & FITTINGS

AS SPECIFICATION [✓] ALTERNATIVE [] CONTRACTOR PROPOSAL []

Location: ALL VILLAS Sample Attached []

Drawing Ref. B.O.Q. Ref. No.

Specification Ref.: DOC1299/SPC/MECH/SEC/15410-4 Standards, :

(Attach all relevant technical literature marked to identify relevant descriptions, current test certificate, samples etc.)

MANUFACTURER	SUPPLIER	APPLICATOR/ INSTALLER
Company Name: WEFATHERM	AL- ARABIA	AL ALI CONSTRUCTION LLC
Address:	TECHNICAL SUPPLIES	
Product Name: PPR-PIPES & FITTINGS	& CONTRACTING LLC	

SPECIFICATION COMPARISON:

Specification Requirements	CONTRACTOR Proposal
WEFATHERM(GERMANY), BANNIGNER(GERMANY) AQUATHERM (GERMANY) KEKELIT (AUSTRIA)	WEFATHERM (GERMANY)

Attached Documents: For Review For information Signature: [Signature]

ENGINEER's Comments :

Kindly follow the attached review comments from DAO Head of Mechanical Section – Eng. Ehab Nablusi, Marbella Villas- MS/AAC/MV/MEP/PL/0005R2 for “PPR-PIPES & FITTINGS”

Final approval subject to the RAK Properties team’s review recommendation

Engineer: Shaik Nazeer Ahmed Date: 14-10-2019

Sr. Resident Engineer: Alister Akbarov Date: 14-10-2019

Acceptance Status: A. CHECKED AND REVIEWED [] WORK MAY PROCEED B. CHECKED AND REVIEWED SUBJECT TO MINOR REVISION [] AS NOTED WORK MAY PROCEED AS PER AMENDMENTS NOTED C. REJECTED [] REVISE & RESUBMIT

EMPLOYER's Comments :

NO OBJECTION TO USE PPR PIPES FROM WEFATHERM-GERMANY FOR THE PROJECT. FOLLOW PROJECT SPECIFICATION FOR ALL THE INSTALLATION. - [Signature] 15/10/19

A. APPROVED [] B. APPROVED WITH COMMENTS [✓] C. REJECTED []

Reviewed by: SBMC / HOC Date: 15/10/19 Approved by: COO Date: 15/10/19



2:30 pm

MARBELLA VILLAS AT HAYAT ISLAND, MINA AL ARAB, RAS AL KHAIMAH

EMPLOYER: RAK PROPERTIES

ENGINEER: Dar Al Ofran

CONTRACTOR: AL ALI Construction & Development LLC

DATE: 14-10-2019

Submittal Ref No: MS/AAC/MV/MEP/PL/0005R2 for "PPR-PIPES & FITTINGS"

Engineer's Review Comments

Kindly follow the review comments from DAO Head of Mechanical Section – **Eng. Ehab Nablusi**
 Marbella Villas- MS/AAC/MV/MEP/PL/0005R2 for "**PPR-PIPES & FITTINGS**"

1. The material should comply DIN 8077, 8078, and DIN EN ISO/BS EN ISO 15874, DVGW Certificate.
 2. Installation shall be in compliance with specification, manufacturer recommendation, and UAE fire & life safety regulations.
 3. All project Civil / Structural / Mechanical - Electrical - Plumbing services located should be clarified & coordinated with the **PPR-PIPES & FITTINGS** before the starting actual site works and should strictly comply with the project's assigned QHSE procedure and RAK Municipality / CD / RAK Properties building guidelines & Engineering Code requirements
 4. The Contractor is responsible for the overall works compliance with the approved **PPR-PIPES & FITTINGS** details, with the project design, RAK Municipality / RAK Properties building regulations & design guidelines / engineering code requirements, materials application and design spec requirements
- Final approval subject to the RAK Properties team's review recommendation

DAO MEP ENGINEER: Shaik Nazeer Ahmed

PROJECT MANAGER: Eng. Alister Akbarov

Status: Approved with comments.

A. Checked and Reviewed []
Work may proceed

B. Checked and Reviewed subject to minor revision []
Work may proceed as per amendments and noted

C. Rejected []
Revise & resubmit

D. For information & record []

Engineer: Shaik Nazeer Ahmed.

DATE: 14-10-2019



To: Technical Supplies & Contracts LLC

شركة إمدادات وتكنولوجيا

REPLY TO CONSULTANT COMMENTS

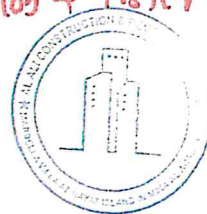
WEFATHERM PP-R PIPES & FITTINGS

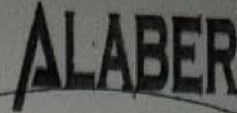
Project : MARBELLA VILLAS @ HAYAT ISLAND
Client : M/s. RAK PROPERTIES
Consultant : M/s. DAR AL OMRAN
Main Contractor : M/s. AL ALI CONSTRUCTION DEVELOPMENT LLC

SPECIFICATION	COMPLY
As per manufacture catalogue, for outdoor installation, the pipe material shall be "Stabi UV SDR 7.4"	Note d
The material submittal suggests "Stabi SDR 7.4", the contractor shall provide letter from the manufacturers prove that "Stabi SDR 7.4" can be used outdoor in such severe condition.	COMPLY, Letter attached from Manufacturer

2) OUTSIDE PIPE shall be PP-R AL with rubber insulation + faster finishing -

For Al Arabia Technical Supplies & Contracts LLC
(Juma Al Majid Holding Group LLC)





MATERIAL APPROVAL FORM

Submission No: AAC/172/13-1420/07/19/MS/PL-009
 Revision No. 00

Consultant	Dome Engineering Consultancy		
Contractor	AL ABER CONTRACTING LLC		
Project	4 STAR HOTEL BUILDING(3B+G+6Floors+HC+R)		
Sub-contractor (if applicable)	Akins Electromechanical & Technical Services LLC		
Item Description	PPR pipes and fittings		
Location / Use			
Date of Submission	31/07/2019	Requested date of Approval:	07/08/2019
Bill of Quantity Item No.		Specification Clause No.:	
Contract Drawing No.			
Shop Drawing No.			
Material Specified	WEFATHERM		
Material Proposed	WEFATHERM		
Local Agent Name	AQUAPLEX		
Technical Literature	Technical data sheet		
Other attachments if any	Certificates, Material Approval, CD		
Samples	Attached → Sample Board tabes show the submitted number		
Reason for Alternative			



CONTRACTOR'S ATTESTATION

For the Site Only (02) Name: Engr. Mohammad Raja Khan
 Signature: *[Signature]* Received by AD: _____ Date: _____
 P.O. Box: 123038, Dubai - U.A.E. Signature: _____

For Consultant Use:

APR - Approved

AWC - Approved with Comments

RE - Rejected



Date: 08/08/19
 Authorized Signature: *[Signature]*

Comments

- Approved Wefatherm PPR and PEX from Germany
- Pipe sizes are as per approved shop drawing
- Approved subjected to material at site inspection approved

Corrections or comments made relative to submittals during this review do not relieve the Contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with the design concept of the project.

Date 09th Oct 2019



Submittal Status

- APPROVED
 APPROVED AS NOTED
 REVISE & RESUBMIT
 REJECTED

- PLOT NO. 1527-06
 PLOT NO. 1528-10
 PLOT NO. 1529-11

Reviewed By

- Link International
 PEC

Transmission Method:

- E-Mail
 Messenger
 Fax
 For Collection

Remarks

This is for your information and kind Acton.

Action Required

As per submittal status

Received By:

Name:

Sign:

M/s AL Firas General Contracting

Po Box 4490, Abu Dhabi

Tel : 02 666 9600

Fax : 02 666 8511

Project : Residential Tower
Location : AL RAHA, Plot no. RBW9-06,10 & 11 Abu Dhabi, UAE.
You're Ref : AF177-RBW9-PL-MAR-0010 Rev. 0
Submission Date : 29th Sep 2019
Actual Date : 30th Sep 2019
Subject : Re: Material Submittal for PPR Pipes & Fittings – Wefatherm - Germany

Dear Sir,

Refer to the above project and submittal; please be informed that above said submittal having reviewed by us comments as below,

1. No objection to Wefatherm – GERMANY.
2. Subjected to ADDC Requirement.
3. Subjected to certificate of Origin.
4. Follow project specification and requirements.
5. Refer to attached comments sheet.

Best regards,



Engr. Tarek Alashwah
Project Manager
Pioneer Engineering Consultancy L.L.C.
Abu Dhabi - U.A.E



CC: General Manager (PEC)
: Client



Project: Residential Building RBW 09 - Plot 06,10,11 Al Raha Beach, Abu Dhabi

SUBMITTAL APPROVAL FORM

Date: 29/September/2019

MATERIAL SHOP DRAWING SUBCONTRACTOR TRANSMITTAL

Project ID: 1527-RBW9-06 1528-RBW9-10 1529-RBW9-11

APPROVAL SUBMITTAL NO.: AF177-RBW9-PL-MAR-0010

REV.:00

Civil MEP ARCH OTHERS

From: Al Firas General Contracting Est.

To: PIONEER Engineering Consultancy LLC

Assistant Project Manager: Eng. Ahmad Samir

Signature:

[Handwritten signature]

Supplied by Subcontractor: Aquaplex

Drawing No:

MODEL NO :

المشاوره الهندسيه
Al Firas General Contracting

BOQ NO:

Specification: 15105

MANUFACTURER: Wefatherm Italy

Description:

LOCATION OF USE:

Internal Others
 External

1. Material Submittal for PPR Pipes & Fittings [Rev.00]

CONTRACTOR MATERIAL ENGINEER/QA/QC:

Mechanical Engineer: Eng. Ahmad Naji

Signature:

[Handwritten signature]
30-9-19



ENCLOSURE NOS: 3 hard Copy & 1 Soft Copy

SUBMITTED FOR

RECEIVED BY CONSULTANT

- Catalogues
- Original Brochures
- Specification/BOQ/Vendors List
- Recent Test Reports/Certificate
- Warranty Certificate/Trade License/ISO Certificate
- Sample
- Quotation
- Compliance Check List
- Shop Drawings
- Reports
- Method Statement



- APPROVAL
- Review & Comment
- As requested
- Information Only
- Record
- Revised & Resubmittal



PIONEER Comments

- APPROVED
- APPROVED AS NOTED
- REVISE & RESUBMIT
- REJECTED
- ON HOLD

- No objection, material out of vendor list, subject to client approval and acceptance
- Refer to attached comments.
- Follow project specification and requirements.

Review of the Submittal:

Consultant Authorizes Signature:

Date:

[Handwritten signature]
08/10/2019

Employer Comments

- APPROVED
- APPROVED AS NOTED
- REVISE & RESUBMIT
- REJECTED
- ON HOLD

Project Manager:

Date:

Distribution:

SUBCON

RECEIVED BY:

PEC Comments for Polypropylene (PP-R) pipe & Fittings:

1. No objection, material out of vendor list, subject to client approval and acceptance.
2. Quantity, size and location shall be according to approved shop drawings, specification, project requirements and mechanical standard.
3. Subject to approved sample.
4. Origin certificate and stamped latest test report should be attached along with each delivery.
5. Warranty certificate required as per specification and shall started from TOC and shall replace the material in case any issue within defect liability.
6. Subject to valid trade license during material delivery, installation, testing & commissioning and handover.
7. Installation and storage should be as per manufacture recommendation and requirement.
8. Subject to estidama approval.
9. Subject to mock-up approval and acceptance.
10. Method statements to be submitted for review before work started.
11. Final approval subject to testing and commissioning approval and acceptance.
12. Subject to authorities approval and acceptance.

[Handwritten signature]
08/10/2019



إدارة الهندسة Engineering Department	 GOVERNMENT OF DUBAI		 هيئة الصحة بدبي DUBAI HEALTH AUTHORITY
	Form sheet title:	Material Approval Form (MAF)	
	Doc Ref.		رقم النموذج :

Submittal No.	HCC-011	Rev.	00	Date	08-03-2020	<input checked="" type="checkbox"/> New Submittal.	<input type="checkbox"/> Re-submittal
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Project No.	UID-214		End User	M/s Dubai Health Authority	
Project Title	Hospitality Care Center/Dubai Insduterial City UAE				
L.E.	Raafat Ibrahim	L.A.		MEP Eng.	Ahmed Shaheed
Consultant	HME Hilarion		Contractor	Unesia Interior LLC	
Sub-contractor	Al Hoson Al Masi Electromechanical Works		Attachments	3 Sets Hard Copies + 1 Soft Copy (CD)	

Description / Technical Letrate: PPR PIPES & FITTINGS					
Attachments	<input type="checkbox"/> Sample.	<input checked="" type="checkbox"/> Technical Data.	<input type="checkbox"/> QA/QC Reports.	<input type="checkbox"/> Method Statement.	<input checked="" type="checkbox"/> Others
Area of Application / Location	Ceiling/Wall				
Specs Ref.	Attached	Dwg. Ref.		BOQ ref.	
Origin	Germany		Manufacturer Name:	Wefatherm GmbH ✓	
Local Agent	Aquaplex		e-mail / Tel.		
Contractor's Attestation					
Material / Submittal Comply with Specifications	<input checked="" type="checkbox"/> Yes.		<input type="checkbox"/> Alternative.		
Details if Alternative:					
.....					
.....					
.....					

Certified By		Signature / Date	
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For Consultant

<input type="checkbox"/> No Objection
<input checked="" type="checkbox"/> No Objection with Comments
<input type="checkbox"/> Rejected
Date forwarded to DHA
Date Received from DHA
Comments: <i>only pipes & fittings</i>
Consultant Authorized: <i>[Signature]</i>
Signature / Date: <i>09/03/2020</i>

For Dubai Health Authority(DHA)

<input type="checkbox"/> 1. Work may proceed.
<input type="checkbox"/> 2. work may proceed subject to incorporation of comments.
<input type="checkbox"/> 3. Revise & re-submit, work may proceed subject to incorporation of comments.
<input type="checkbox"/> 4. Revise & re-submit, work may not proceed.
<input type="checkbox"/> 5. Rejected.
Comments:
DHA Authorized:
Signature / Date:

Consultant Final Decision:

<input type="checkbox"/> No Objection	Comments:
<input type="checkbox"/> No Objection with Comments	
<input type="checkbox"/> Rejected	
Date Forwarded to contractor .../.../...	
Consultant Authorized: Signature/Date	

Note:

Dubai Health Authority permission to proceed does not constitute acceptance or approval of materials developed or selected and does not absolve engineer/contractor and their subcontractors and suppliers from full compliance with contractual obligations including the quality of final product.



A) To be completed by Contractor

Name of Company: Unesia Interior LLC Contact Person: ammar@unesiaint Tel. No. 544345543
 HA LPO No.: DATED ON 9-9-2019 Promise date: _____
 Job Description: DESIGN & BUILD MODIFICATION WORKS OF OUT PATIENT DEPARTMENT AT RASHID Site: OPD: rashid hospital
 Type of Work: Civil & Architecture Mechanical Electrical
 No consultant: We are sending: (3) Copies of:
 Catalogues Technical Data Shop Drgs. Certifications Samples O & M Manual
 Manufacturer: Name: WEFA THERM PPR PIPES & FITT Address: _____ Tel. No. _____
 Local Agent: Name: AQUA FLEX Address: _____ Tel. No. _____
 Description: POLYPROPYLENE (PP-R) PIPES, VALVES & FITTINGS
 Submitted for: Approval For Information Review & Comment
 We hereby confirm that the submittal is in accordance with the specifications and drawings.
 Submitted Date: 29-10-2019 Submitted By: Unesia Interior LLC
 Signature: *[Handwritten Signature]*



B) To be completed by FMU of Site

Date received: _____ Received by: _____
 Material is: Reviewed Reviewed with comments Not Reviewed
 We hereby confirm that the submittal is in accordance with the specifications and drawings.
 Comments: Approved as noted
PPR-fiber three layer pipe mentioned in the attached compliance sheet (PR-16) are approved for the project with necessary fitting from the same manufacturer.
 Date: _____ Checked by: _____
 Submitted Date: _____
 Submitted by FMU: _____



C) To be completed by Head of Section

1 Work May Proceed
 2 Revise & Resubmit Work May Proceed subject to resolution of indicated comments
 3 Revise & Resubmit Work May Not Proceed
 4 Review not required Work May Proceed
WEFA THERM - GERMANY is approved
 Permission to proceed does not constitute acceptance or approval of design details, calculations, analyses, test method or materials developed by the supplier/subcontractor and do not relieve supplier/subcontractor from Full compliance with contractual obligations
 Responsible Engineer: _____ Signature: _____ Date: 09/11/19
 Comments: _____
 Date: _____
 EHS/IAW/PHC RECEIVED

CONTRACTOR: FWO	CONSULTANT: ANT	PMC: PEARLS BROWN	MEP CONTRACTOR: EVAN CONT.
	 P.O. BOX - 232606 DUBAI TEL: (04)2838490 EMAIL: info@antpl.com		

MATERIAL SUBMISSION

PROJECT NAME:	G+4 Labour Camp Jabal Ali Industrial 1 Plot #599-2212 & #599-2224		
SUBMITTAL REF:	EC-PR103-MS-PL-14	REV: 01	DATE: 24/11/2019
CATAGORY:	<input type="checkbox"/> 1st Submission <input checked="" type="checkbox"/> 2nd Submission <input type="checkbox"/> Further Submission	PREVIOUS SUBMITTAL REF :	
DISCIPLINE :	<input type="checkbox"/> Architectural <input type="checkbox"/> Civil <input type="checkbox"/> Structural <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Plumbing <input type="checkbox"/> Others	DOCUMENT TYPE:	<input type="checkbox"/> Shop Drawing <input type="checkbox"/> Method Statement <input checked="" type="checkbox"/> Material Submittal <input type="checkbox"/> Pre-Qualification <input type="checkbox"/> Inspection Test Plan <input type="checkbox"/> Others
ISSUED FOR:	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Construction <input type="checkbox"/> Information	DOCUMENT FORMAT:	<input type="checkbox"/> 2 x Hard Copies <input type="checkbox"/> 1 x AutoCAD Copy <input type="checkbox"/> 1 x DXF Copy <input type="checkbox"/> Previous review comments form attached.



DOCUMENT NUMBER	DOCUMENT TITLE	REV	Approval Status (for Consultant use)
	PPR PIPE Brand: Wefatherm (Germany) Suppliers: M/s Aquaplex DMCC	01	

MAIN CONTRACTOR ISSUED

NAME:	POSITION:	SIGNED:	DATE:
Engr. Muhammad Hashir	Project Manager	 	24/11/2019

We certify that the documents contained in this submission are in accordance with the Contract Documents.



MEP CONTRACTOR ISSUED

NAME:	POSITION:	SIGNED:	DATE:
Engr. Subin	Project Manager	 	24/11/2019

We certify that the documents contained in this submission are in accordance with the Contract Documents.

CONSULTANT RECEIVAL

STAMP/DATE:

ANT REVIEWER			
NAME:	POSITION:	SIGNED:	DATE:
Engr. Sultan	RESIDENT ENGINEER	 	30.11.2019

REVIEW STATUS

<input type="checkbox"/> APPROVED (A)	<input checked="" type="checkbox"/> APPROVED WITH COMMENTS (B)	<input type="checkbox"/> REVISE AND RESUBMIT (C)	<input type="checkbox"/> REJECTED (D)
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CONSULTANT COMMENTS

- 1- "WEFATHERM-GERMANY" AS A MAKE OF PPR PIPES SUBJECT TO CLIENT APPROVAL.
- 2- FINAL APPROVAL SUBJECT TO COMPLY&REPLY TO FOLLOWING COMMENTS.
- 3- SUBMIT WARRANTY CERTIFICATE FOR FINAL APPROVAL.
- 4- SELECTED PRODUCT SHALL BE HIGHLIGHTED IN THE PRODUCT CATALOGUE..
- 5- ALL PIPE SIZE & QUANTITY SHALL BE AS PER APPROVED SHOP DRAWING.
- 6- STRICTLY FOLLOW MANUFACTURES INSTRUCTIONS AND RECOMENDATIONS DURING INSTALLATION.

CLIENT/PMC

COMMENTS:	SIGNATURE:
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MATERIAL SUBMITTAL FORM

Part A: Project & Record Information:

Project Name	Construction, Completion and Maintenance of Rapid Intervention Buildings in Abu Dhabi (Khalifa City – Plot # 1, Sector SW2 and Al Sader – Plot # 1, Sector: Al Sader B)	MS.Ref.No	P302-RIB-AL-GUP-MPG-MAT-049-01
Client	Abu Dhabi Police	Rev.No	1
Employer	Abu Dhabi General Services Co (MUSANADA)	Darwing Ref.	Attached
PMC	NA	BOQ Ref: if any	Attached
Engineer	Core Engineering Consultancy L.L.C.	Approx. Qty	
Contractor	Gulf Pioneer General Contracting Co. L.L.C.	Submission Date	26/12/19

Part B: Material Submittal Discipline:

Related Discipline	<input type="checkbox"/> Civil Material	<input type="checkbox"/> Architectural Material	<input type="checkbox"/> Electrical Material
	<input checked="" type="checkbox"/> Mechanical Material	<input type="checkbox"/> Others (Specify):	

Part C: Material Details

Spec's. Ref.		Attachment Checklist	
Specified Material	22 11 13 PPR Pipes and Fittings	1	Compliance checklist
Proposed Material	PPR Pipes and Fittings	2	Copy of the related specs
		3	Copy of the related drawings
Manufacturer's	Name	4	Copy of the related BOQ
	Address	5	Copy of the related Standards
Supplier's	Name	6	Material Technical Data Sheet
	Address	7	Previous test results
Estidama Approval	Name	8	Warranty
	Address	9	Musanada Previous Approvals
Justification of Alternative Material	N/A	10	Other Relevant Approvals

Part C: Contractors Review

	M.E	HSE	QA/QC	
Name	Omran Amr	Ahmed Bakr	A.Hameed Khan	Project Manager
Signature	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	Mahmoud Arafat
Date	26/12/19	26/12/19	26/12/19	

We do certify that the material submitted herewith has been reviewed in details and in accordance with the Contract Documents except for the otherwise stated here above.

Part D: Engineers Review / Approval

Refer to attached comments sheet	
Employer/ Engineer Approval	<input type="checkbox"/> A - Approved <input checked="" type="checkbox"/> B - Approved with comments <input type="checkbox"/> C - Revised and resubmit <input type="checkbox"/> D - Rejected

Distribution	DATE:	ACT	HEF
RE		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Utility Engineer		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Elec. Engineer		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mach. Engineer		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Planner		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mat. Engineer		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
QA/QC		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HSE		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Land Surveyor		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Doc. Controller		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Design Review H.O		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Note(1): Employer's/ Engineer's approval is for conformance with information given and design concept expressed in Contract Documents. Approval does not authorize changes to Contract Documents. Employer's/ Engineer's approval does not relieve the Contractor from his contractual obligation to ensure conformance to all Contract Documents. Any deviations, to the Contract Documents found subsequent to Employer's/ Engineer's approval are to be corrected by the Contractor at no extra Cost/Time to the Employer.

Name	Engineer's ME / SE	Engineer's RE
Signature	<i>[Signature]</i>	<i>[Signature]</i>
Date	05/01/2020	5/1/2020



Advance Copy

Project & Record Information:

Project Name	Rapid Intervention Building in Abu Dhabi (Khalifa City and Al Sader)	Transmittal Ref. No.	P302-RIB-AL-GUP-MPG-MAT-049-01 PPR pipes and fittings
The Employer	Abu Dhabi General Services Company (Musanada)	Rev. No	01
Engineer	Core Engineering Consultancy L.L.C.		
Contractor	Gulf Pioneer General Contracting		

Comments

The contractor proposed PPR pipes and fittings (Wefatherm-Germany) is acceptable as per attached Supplier correspondence.

1. All-pipe & fitting shall be installed and supported as per approved shop drawings & The manufacturer recommendation.
2. Submit method statement for approval.
3. Provide certificate of origin upon delivery of materials to site.
4. Pipe size and fittings subject to approved shop drawing.
5. Pipes delivery to sites shall be free from any defects.





05/01/2020

8



PQP Comment and Review Sheet



Project:	Construction, Completion and Maintenance of Rapid Intervention Buildings in Abu Dhabi – Khalifa City and Al Sader		
Ref:	P302-RIB-AL-GUP-MPG-MAT-049-01		
Owner Representative:	Musanada		
Consultant:	Core Engineering Consultancy	Contractor:	Gulf Pioneer General Contracting
Subject:	PPR Pipes and Fittings	Date:	26/12/2019
PQP Comments:			
No implication on Estidama.			
Action Code:			
<input type="checkbox"/> Approved w/ comments <input type="checkbox"/> Revise and Resubmit <input checked="" type="checkbox"/> No Implications with Estidama <input type="checkbox"/> Rejected			
PQP Name & Signature	Abdul Hadi Hilal	Date:	26/12/2019
 			



Project: Construction, Completion and Maintenance of Rapid Intervention Building in Abu Dhabi

Employer: Musanada

Consultant: M/s. Core Engineering Consultancy

Contractor: M/s. GUPCO (Gulf Pioneer General Cont. Co. LLC)

SAMPLE TAG

Ref.: P302/RIB/AL/GUP/MPG/MSA/028/01

Rev.: 01

25/12/19

Discipline: Civil Architecture Mechanical Electrical Other

Sample Description: PPR pipes and fittings

Material Submittal Ref.: P302-RIB-AL-GUP-MPG-MAT-0049-01

Area of Use/Application: - All Floors

Manufacturer/Supplier : Wefatherm/Germany

Sample Size: As per attached Photos

Sample Finishing: As per attached Photos

Sample Color/Code: As per attached Photos

A- Approved B- Approved with Comments C- Revised & Resubmit D- Rejected

Reviewed By & Signature: (The Engineer)

Approved By & Signature: (The Engineer)





مستشفى الإمارات التخصصي
Emirates Specialty Hospital

IBA IAN BANHAM & ASSOCIATES
CONSULTING ENGINEERS

IEC

MATERIAL APPROVAL REQUEST

CONTRACT NO.
CONTRACT TITLE Proposed Emirates Specialty Hospital in the Hub Mall on Plot No. 251-4369 at Mirdif, Dubai, UAE
CLIENT Emirates Specialty Hospital
CONSULTANT M/s. Ian Banham & Associates Consulting Engineers
MEP CONTRACTOR M/s. International Electro-Mechanical Services Co. LLC

IEMS MAR NO. IEM-125-MS-PL-03
REVISION NO.: 01
REVISION DATE: 14-Nov-18
TITLE Polypropylene Pipes and Fittings (PPR) for Hot Water Supply, Hot Water Return and Cold Water Supply Piping
DISCIPLINE Plumbing

TO : Ian Banham & Associates Consulting Engineers

FROM : International Electro-Mechanical Services Co. LLC

DESCRIPTION:

PRODUCT NAME: Polypropylene Pipes and Fittings (PPR) for Hot Water Supply, Hot Water Return and Cold Water Supply Piping

SAMPLE PROVIDED

MAKE: Wefatherm

SUPPLIER: M/s. Aquaplex (FZE), Sharjah

MANUFACTURER: Wefatherm

Scope Material for Approval

Enclosure:

1	Compliance Statement	<input checked="" type="checkbox"/>	3	List of Proposed Materials	<input checked="" type="checkbox"/>
2	Specified Makes List	<input checked="" type="checkbox"/>	4	Technical Catalogue	<input checked="" type="checkbox"/>

MEP CONTRACTOR (IEMS) :

Project Manager:

Signature: *[Signature]*

MEP CONSULTANT'S COMMENTS :

Refer Attached Comment sheet

CLIENT COMMENTS :

SUBMITTAL STATUS

A - APPROVED

B - APPROVED AS NOTED

C - REVISE AND RESUBMIT

D - NOT APPROVED

E - RETURNED WITHOUT CHECKING

MEP CONSULTANT'S SIGNATURE (IBA)

For and on behalf of
Ian Banham & Associates Consulting Engineers

Date: *20/11/2018*

Mathew Philip
يان بانهام وشركاه
IAN BANHAM & ASSOCIATES
P.O. Box : 23901
م.ب: ٢٣٩٠١
U.A.E. الإمارات العربية المتحدة

Note: "Approvals/review does not relieve the contractor of any contractual obligations".

**PROPOSED EMIRATES SPECIALITY HOSPITAL IN THE HUB MALL
ON PLOT NO. 251-4369 AT MIRDIF, DUBAI, UAE**

REVIEW COMMENTS ON POLYPROPYLENE PIPES AND FITTINGS- WEFATHERM- IEM-125-MS-PL-03 – REV. 1

- 1.0 Please find below the following comments:
- 1.1 Certificate of Origin to be provided-Germany.
 - 1.2 All pipe sizes subject to approved shop drawings and all pipe sizes in the design drawings are only ID's.
 - 1.3 Pipes deliver to site must be free from defects.
 - 1.4 Fittings should be compatible with pipes
 - 1.5 Manufacture's recommendation should be followed for installation.
 - 1.6 All warranties shall be covered as per project specification/approved VE documents.
- 2.0 Status: "Approved as noted".

End of Comments



Material Submittal No. **ADICC/P330/MEC/MS-014.R1**

Plumbing Mech Elec Civil Arch. Landscaping

Project's Name : Al Ain Co-op Society Stores

Client : Ministry Of Presidential Affairs

Consultant : BAINONA Engineering Consultancy LLC

Contractor : Abu Dhabi International Contracting & General Maintenance Company LLC



Material Details

List of Enclosure

Item Description	POLYPROPYLENE (PP-R) PIPES & FITTINGS	(Tick the Related Box)
Specification / BOQ / Drawing / Reference	Project: Specification	<input checked="" type="checkbox"/> Vendor's Technical Literature
Material Proposed	WEFATHERM	<input checked="" type="checkbox"/> Compliance Statement
Manufacturer / Local Supplier	AQUAPLEX (FZE)	<input type="checkbox"/> Previous Test Result
Reason for Alternative	Proposed Cosmoplast PP-R pipes not complied with vendors list.	<input checked="" type="checkbox"/> Copy of Related Specs
Remarks	Subcontractor: SIERA ELECTRICAL & ELECTRONIC SERVICES	<input type="checkbox"/> Samples
		<input checked="" type="checkbox"/> Other (Specify)
		<input checked="" type="checkbox"/> Catalogues
		<input checked="" type="checkbox"/> Submitted material Specifications

Main Contractor Statement: We certify that the material submitted herewith has been reviewed in details and in compliance with the contract drawings and specifications except as otherwise stated here above.

Main Contractor's Signature:

Date 10/09/2019

Consultant Received:

Date

Consultant's Comments:

Approved Approved As Noted Revise & Resubmit Not Approved Not Reviewed

Signature:

Date : 11-9-2019

Client's Representative's Received:

Date 15 SEP 2019

Client's Representative's Comments:

No Objection, Proceed Objection, Resubmit

Signature:

Date :

Consultant's Representative's Received:

Date: 23 SEP 2019

Contractor's Representative's Received:

Date: 10 SEP 2019

Contractor remains fully responsible for the approved material under the terms and conditions of the contract
Material reject must be resubmitted for approval





SUBMITTAL REVIEW COMMENTS

Project : *Al Ain Co-op Society Stores*
Submittal Number : *ADICC/P330/MEC/MS-014.R1*
Submittal Subject : *POLYPROPYLENE (PP-R) PIPES & FITTINGS*
Manufacturer / Supplier : *AQUAPLEX (FZE)*
Comments Date :

REVIEW STATUS :- *Approved As Noted*

Consultant's Comments :

- 1 - No objection for PPR pipes & fittings by Wefatherm from Germany
- 2 - Submit country of origin / bill of lading
- 3 - all cold / hot water pipes to be PN25 Five layers - DIN 8077/8078
- 4 - submit sample for approval
- 5 - warranty for life time 50 years to be submitted
- 6 - welding / joints to be as per manufacturer recommendation

Reviewed By : *Pasheer Abu Zaid*
Signature :

BAINONA
Engineering Consultancy
شركة الاستشارات الهندسية
P.O. Box: 50222, Dubai, UAE

11-9-2019

Client Comments :

Reviewed By :
Signature

MATERIAL APPROVAL REQUEST (MAR)

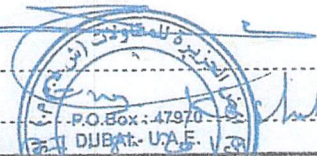
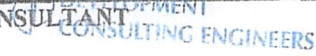
Project	2 (G+M) WAREHOUSE PLOT NO. (599-9270 & 599-2182) AT JEBEL ALI IND. 1 ST , DUBAI – UAE		
Client	M/S MAHMOUD A. AL-FARHAN	Ref. No.	MAR / 19827-A-2WHH
Consultant	DEVELOPMENT CONSULTING ENGINEERS	Date	27/08/2019
Contractor	ISLAND LAND CONSTRUCTION L.L.C.	Rev No.	

STRUCTURAL ARCHITECTURAL CIVIL MECHANICAL ELECTRICAL OTHER

DESCRIPTION OF MATERIAL	: UPVC UNDERGROUND & ABOVEGROUND PIPES & FITTINGS
SPECIFICATION OR CONTRACT DOCUMENT REFERENCE	: NA
MANUFACTURER (NAME & ADDRESS)	: MARLEY, ORIGIN UK
SUPPLIER AND/OR LOCAL AGENT (CONTACT NUMBER)	: AQUAPLEX FZE / MR. MURUGAN(+971 55 221 8615)
AREA/LOCATION OF USE	: UNDERGROUND & SOIL WASTE SYSTEM
DESCRIPTION OF SAMPLE	: UPVC PIPES & FITTINGS
SPECIFICATION COMPARISON SHEET	: ENCLOSED IN THE SUBMITTALS
COMPARISON IN CASE OF ALTERNATE SUBMITTAL	: NA
TECHNICAL DETAIL	: ENCLOSED IN THE SUBMITTALS

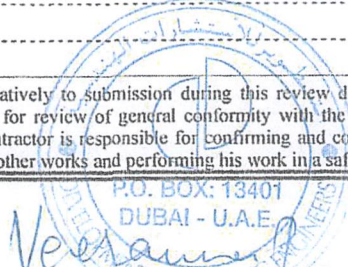

ATTACHMENTS
Pre-Qualification Samples Product Catalogue Others

THE CONTRACTOR:
We certify that the item submitted herewith have been reviewed in detail and are in strict conformance with the Contract Drawings and Specification otherwise stated.

CONTRACTOR:	RECEIVED BY CONSULTANT
STAMP & SIGNATURE : 	SIGNATURE : 
NAME :	NAME :
DATE :	DATE : 23 AUG 2019

COMMENTS:	APPROVAL STATUS:
1. NO OBJECTION FOR THE PROPOSED MATERIAL.	<input type="checkbox"/> APPROVED
2. ALL THE FITTINGS SHALL BE USED FROM THE SAME MANUFACTURER ONLY.	<input checked="" type="checkbox"/> APPROVED AS COMMENTS
3. WARRANTY SHALL BE 20 YEARS AS PER THE SPECIFICATION.	<input type="checkbox"/> REVISE & RESUBMIT
4. ATTACH THE COUNTRY OF ORIGIN CERTIFICATE PRIOR TO DELIVER THE MATERIAL AT SITE.	<input type="checkbox"/> REJECTED AS COMMENTS
	<input type="checkbox"/> OTHER

Correction or comments made relatively to submission during this review does not relieve the Contractor from completing the requirements of the drawings and specifications. This check is only for review of general conformity with the design concept of the project and general compliance with the information shown on documents and drawings. The Contractor is responsible for confirming and coordinating all dimensions, scheming fabrication process and techniques of construction, coordinating his work with that of other works and performing his work in a safe and satisfactory manner.

CONSULTANT:	RECEIVED BY CONTRACTOR
STAMP & SIGNATURE : 	SIGNATURE : 
NAME :	NAME :
DATE : 02 Sept 2019	DATE :



MATERIAL APPROVAL REQUEST (MAR)

Project	2 (G+M) WAREHOUSE PLOT NO. (599-9270 & 599-2182) AT JEBEL ALI IND. 1 ST , DUBAI - UAE		
Client	M/S MAHMOUD A. AL-FARHAN	Ref. No.	MAR / 19827-2WH
Consultant	DEVELOPMENT CONSULTING ENGINEERS	Date	27-08-2019
Contractor	ISLAND LAND CONSTRUCTION L.L.C.	Rev No.	

STRUCTURAL ARCHITECTURAL CIVIL MECHANICAL ELECTRICAL OTHER

DESCRIPTION OF MATERIAL	PPR PIPES & FITTINGS TO DIN 8077/8078, WEFATHERM. ORIGIN GERMANY
SPECIFICATION OR CONTRACT DOCUMENT REFERENCE	NA
MANUFACTURER (NAME & ADDRESS)	WEFATHERM, GERMANY
SUPPLIER AND/OR LOCAL AGENT (CONTACT NUMBER)	AQUAPLEX FZE / +971 55 2218615
AREA/LOCATION OF USE	WATER SUPPLY SYSTEM
DESCRIPTION OF SAMPLE	PPR PIPES & FITTINGS
SPECIFICATION COMPARISON SHEET	PPR PIPES & FITTINGS TO DIN 8077/8078
COMPARISON IN CASE OF ALTERNATE SUBMITTAL	NA
TECHNICAL DETAIL	ENCLOSED IN THE SUBMITTALS

ATTACHMENTS
Pre-Qualification Samples Product Catalogue Others

THE CONTRACTOR:
We certify that the item submitted herewith have been reviewed in detail and are in strict conformance with the Contract Drawings and Specification, otherwise stated.

CONTRACTOR:	RECEIVED BY CONSULTANT
STAMP & SIGNATURE :	SIGNATURE :
NAME :	NAME :
DATE :	DATE :

COMMENTS:	APPROVAL STATUS:
1. NO OBJECTION FOR THE PROPOSED MATERIAL.	<input type="checkbox"/> APPROVED
2. ALL THE FITTINGS SHALL BE USED FROM THE SAME MANUFACTURER ONLY.	<input checked="" type="checkbox"/> APPROVED AS COMMENTS
3. WARRANTY SHALL BE 20 YEARS AS PER THE SPECIFICATION.	<input type="checkbox"/> REVISE & RESUBMIT
4. ATTACH THE COUNTRY OF ORIGIN CERTIFICATE PRIOR TO DELIVER THE MATERIAL AT SITE.	<input type="checkbox"/> REJECTED AS COMMENTS
	<input type="checkbox"/> OTHER

Correction or comments made relatively to submission during this review does not relieve the Contractor from completing the requirements of the drawings and specifications. This check is only for review of general conformity with the design concept of the project and general compliance with the information shown on documents and drawings. The Contractor is responsible for confirming and coordinating all dimensions, scheming fabrication process and techniques of construction, coordinating his work with that of other works and performing his work in a safe and satisfactory manner.

CONSULTANT:	RECEIVED BY CONTRACTOR
STAMP & SIGNATURE :	SIGNATURE :
NAME :	NAME :
DATE :	DATE :

Project Name: Proposed 3B+G+24+Roof Mama Shelter Hotel and Hotel Apartments on Plot No. 3460577, Business Bay, Dubai, UAE
Project Code: J-331

Material Submittal

Ref. No. : MS/MECH/WS - 02 Rev.0
Date : 6-Feb-20

Originator of Submittal : Mirage Electromechanical Contracting LLC
Material Division / Section : Mechanical
Specs./BOQ/Drg. Ref. : MEP Specification
Material Specified : Wefatherm - Germany
Material Proposed : PPR Pipes & Fittings
Manufacturer / Local Supplier : Wefatherm / Aquaplex
Reason for Alternative :

- Required By :** Eng. Mohamed Eraky
- List of Enclosures**
(Tick the related Box)
- Vendor's Technical Literature
 - Compliance Statement
 - Test Results
 - Copy of Related Specs.
 - Samples
 - List of Previous Projects done
 - Others (Specify)
 - Soft Copy

Material Description : Material Submittal for PPR Pipes & Fittings

Main Contractor's PM: (Signature & Date)
Eng. Ashraf Zakaria
 Engineering Construction & Reconstruction Co.LLC
 Dubai Branch M.Shelter H.

Received by NEB: (Signature & Date)
 RECEIVED
 SITE SUPERVISION
 08 FEB 2020
 For : 10:40 AM
 Time : JUMRA
 Sign :

MEP Contractor's PM: (Signature & Date)
Eng. Khalid Ashour (6th February 2020)
 P.O. Box: 21118
 Dubai, U.A.E.



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.

Review Status

A. Approved
 B. Approved As Noted
 C. Revise and Resubmit
 D. Not Approved

NEB Engineer's Representative Comments: - This Approval Only for PPR pipes. Valves not included in this Submittal → PPR pipes PN 20 Only accepted → fitting insert shall be DZR brass → pipe diameter to be as per approved shop drawing → Country of Origin Certificates to be provided at time of delivery → factory test report to be submitted with each delivery → Our approval is subject to the work quality / performance at site and full compliance with Specs.

NEB Engineers Representative: (Signature & Date)
 MEC RECEIVED
 23 FEB 2020

Received by Contractor: (Signature & Date)
 RECEIVED
 23 FEB 2020
 11:00 AM

Client's/Employer's Representative Comments:
 BY: [Signature]
 P.O. Box: 21118

Name	TO CHECK						
	ACTION						
Name	TO CHECK						
	ACTION						

The Engineer's Representative review, comments and approval to the submitted material is for general conformance with the design concept and specifications and shall not relieve the Contractor from responsibility for any deviations from, or errors or omissions in respect of the requirements of the Contract Documents, unless the Contractor has informed the Project Manager in writing of specific deviations and the Project Manager has given written approval thereto and no time and/or cost implication shall be granted due to the Engineer's /PM instruction.

Submitted 02/20/20

APPROVAL OF SAMPLES / MATERIALS

Project Code: J-331		Submittal No:	MS/MECH/WS-02
Project Name:	3B+G+24+Roof Mama Shelter Hotel & Hotel Apartments	Rev. No:	0
Plot No/Location:	3460577 / Business Bay, Dubai, UAE.	Date:	06-02-2020

Main Contractor: (CRC) Engineering Construction & Reconstruction Company LLC


MATERIAL TYPE

<input type="checkbox"/> Architectural	<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> ID
<input type="checkbox"/> Firefighting	<input checked="" type="checkbox"/> Plumbing	<input type="checkbox"/> Structural	<input type="checkbox"/> Other (Specify)
Sample Description	PPR Pipes & Fittings (Wefatherm)		
Sample Location	All Building		
ID Program Reference:		Drawing Ref:	Specification Ref:
No.	NEB Approved Material	Same As Specified	Alternative Proposed Material

Subcontractor/Supplier: Aquaplex

Vendor Listed: Yes No

Reason for Alternation:

Submitted By: (MEP Contractor's PM)			
Name: Eng. Khalid Ashour	Signature: 	Date: 06-02-2020	
Received By:			
Name:	Signature:	Date:	

BELOW PORTION FOR NEB USE ONLY

Status: Approved Approved as noted Rejected Re submitted

Comments:

Name:	Signature:	Date:
Handover to:		
Name	Signature:	Date:

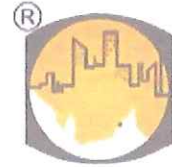
❖ *Clearing of above named documents is 14 days from submission date as per NEB requirements*

CLIENT'S APPROVAL AND COMMENTS

Name:	Signature:	Date:
--------------	-------------------	--------------



Eng. Adnan Saffarini Office
Architects & Engineering Consultants



Page 1 of 2 Doc Ref.: EAS-RMA Form sheet Title: Request For Material Approval

R.M.A No.	J252-EAS-SCCB-RMA-MECH-048	Rev.	00	Date	Tuesday, 31 December 2019
<input checked="" type="checkbox"/> New Submittal		<input type="checkbox"/> Re-Submittal			

Project Title	HPR-J252 SWAY, DUBAI.	Plot No.	6318845
Employer	M/s. High Point Real Estate	Location	Dubai Hills
Consultant	Eng. Adnan Saffarini Office (EAS)	Contractor	Al Sahel Contracting Co. LLC
Consultant's Eng.	Eng. Moamen Ali – R.E	Consultant's Mech Eng.	Eng. Umar
Sub-contractor	Silver Coast Construction & Boring L.L.C	Trade	Mechanical

Description / Technical Literate / Material Submittal for:

PPR & Pipes & Fittings

ATTACHMENTS Sample Technical Data QA/QC Reports Method Statement Others

Area of Application / Location

Drawings Ref.				Copy Attached for Reference
Specification Ref.	15100	B.O.Q. Ref.	B12	
Origin:	Germany	Manufacturer Name:	Wefatherm	
Local Agent:	M/s. Aqua plex DMCC	Tel:	065575533	Email: Isd-sales@aquaplex.me

CONTRACTOR'S ATTESTATION

Material / Submittal Comply with Specifications Yes Alternative

If Alternative, State Details:

Requested By Contractor
Name: Fawaz Al Taher -MEP Manager
Signature: _____

Date: 31/12/2019 Time: _____:

Requested By Main Contractor
Name: Syed Gohar Ali, Project Manager
Signature: _____

Date: 31/12/2019 Time: _____:

Received by Consultant

Name: _____

Signature: _____

Date: / / Time: _____



Consultant's Comments (Project Manager / Resident Engineer)

A.A.N
* As Ref # HPR/J252/SCCB/MEP/EAS-006 @ 31/12/2019
No objection for approval Material.
* * *
* Comply with supplier Recommendation for Installation

05/01/20

Approval Status:

- Approved
 Approved As noted
 Re-Submit As noted
 Rejected

Name of Consultant's Representative:Signature: 

Date: 05/Jan/20

Time: 1 : 30 PM

Received by ContractorName of Contractor's Representative: Signature: 

Date: / /

Time: : :





<p>DESIGN CENTER CONSULTANT.</p> <p>Project: 2B+G+4P+30+Gym+Roof commercial/ residential building on plot no-318-376 at al karama, dubai. For Ali Abdulla Ali Al Shafar .</p>	<p>شركة الشعفار للمقاولات ذ.م.م. AL SHAFAR CONTRACTING CO. L.L.C. P.O. BOX 12417, DUBAI, U.A.E.</p>	<p>SPACE www.space-smp.com</p>	Submittal No:
			S-184/19/MEP/PL/SM-20/Rev-0
			Date: 20-07-19

TRANSMITTAL OF MATERIALS

1. MATERIAL DESCRIPTION :

PPR PIPES & FITTINGS- WEFATHERM (OPTIONAL APPROVAL)

Type of Document:-

Data Sheet
 Catalogue
 Certificate
 Sample
 Test Results

Area of Application:
 Drawing Ref. : _____ B.O.Q. Ref. No. : _____
 Specification Ref. : _____ Standards : _____

Attached all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. MANUFACTURER/SUPPLIER :

Company Name: **WEFATHERM / AQUAPLEX FZE**
 Address : **GERMANY - DUBAI**
 Local Agent :

3. DELIVERY :

Country of Origin : **GERMANY**

Availability : Locally Manufactured Overseas

Delivery : Ex-works/ Total Duration
 Estimated Time of Arrival on Site
 Program : Date Material Required on Site
 Latest Date for Order

Approved as noted
 22/07/2019

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.

Submitted by (space electromechanical) - Name: **RICHARD** Signature:

Submitted by (Al shafar contracting) - Name: **JAINAL / SUNIL BHARDWAJ** Signature:

4. ENGINEER'S COMMENT:

Approved, as optional approval subject to

① pressure rating PN20, fittings PN25

② strong reason for its use [Inform engineer before use].

③ Follow specs of shop drawing for sizes & Full sized calculation for slab for F.D

Signature: _____ DATE:

Consultant Stamp
 21-07-2019

④ don't mix with other brand in case of mscse.





(Annex 6)

Start up Meeting

REQUEST FOR MATERIAL APROVAL
Streamline Electromechanical works.LLC

Main Contarctor: HARVARD CONT.LLC

FAX: 04-3373232

TO: EDC Consultant

Date: 21-July-2019

FAX:

ATTN: Mr. Engr Yaman

Ref. No. MASA-PL-006

Construction & Maintenance Of/ Building (B+G+1+ Roof + swimming) Anthony Villa
Jumeira 1st Plot no 3320106

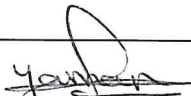
Spec. No./ B.O.Q item	Description/supplier	CONSTRUCTI ON INITIAL / DATE	Attachment s	Remarks
SPEC REF. 15411	PPR pipes and fittings - Wefatherm (Germany)	21 th July 2019	<input type="checkbox"/> Sample <input type="checkbox"/> Catalouge	

Streamline Authorized representative

Name: Manzoor Hallaj

Signature:

RESPONSE TO CONTRACTOR

EDC CONSULTANT	
Response	Remarks
<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved with Notice <input type="checkbox"/> Resubmit <input type="checkbox"/> Rejected	<p>* No objection on Wefatherm PPR Pipes / Fitting</p> <p>* Sample of product must be submitted</p>
Name: Yaman Tarabishi	Signature: 

The Consultant approval of any Construction material shall not relieve Contractor from any of its obligations under the Contract connected with the Works or any part thereof.

23/7/19



APPROVAL OF MATERIALS

Project: (G+1P+7F) Residential Building on Plot No. IC3-G-32, Warsan Fourth-624, International City		Project Code: J-743
		Rev. No: MS/WS-01 R.0
Plot No/Location: WARSAN FOURTH, IC3-G-32	Date: 27/08/2017	
Main Contractor: AIC CONTRACTING L.L.C		
MATERIAL TYPE		
<input type="checkbox"/> Architectural	<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Mechanical
<input type="checkbox"/> Firefighting	<input checked="" type="checkbox"/> Plumbing	<input type="checkbox"/> Structural
<input type="checkbox"/> ID	<input type="checkbox"/> Other(Specify)	
Material Description: PPR PIPES FITTINGS	<i>(GERMANY)</i>	
Material Location:		
ID Program Reference:	Drawing Ref:	Specification Ref:
No.	Al Takamul Approved Supplier	Same As Specified
Subcontractor/Supplier: AQUATEKNIK		
Reason for Alternation:		
MEP Contractor's PM: Anmar Khalid	Signature: <i>For Eng. Anmar</i>	Date: 25/8/2017
Submitted By: Name: ENGR. Mohamad Yassin (Project Manager)	Signature: <i>[Signature]</i>	Date: 26/08/2017
Received By: Name: ENGR. Abdul Majid (Project Manager)	Signature: <i>[Signature]</i>	Date: 26/08/17
BELOW PORTION FOR AL TAKAMUL USE ONLY		
Status:	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved as noted <input type="checkbox"/> Rejected <input type="checkbox"/> Re submitted	
Comments:	* WEATHERM PPR PIPES & FITTINGS made in Germany is accepted. * All pipe size shall be as per approved water supply shop drawing by DWG. * Installation should be done as per manufacturer's recommendation.	
Name: Ranjan W	Signature: <i>Ranjan</i>	Date: 27/08/2017
Handover to: Name: Engr. Mohamad Yassin	Signature: <i>[Signature]</i>	Date: 30/08-2017
CLIENT'S APPROVAL AND COMMENTS		
Name:	Signature:	Date:

* Sample to be submit on site for final approval



03/09/2017
[Signature]



MATERIAL SUBMITTAL

PROJECT DETAIL		PROPOSED G + 1 SCHOOL BLDG., ON PLOT NO. 3100 JUWAZIA'A, SHARJAH, U.A.E.	Sub No:	CMC-86-MEP-MAS-P-02	Rev.	00
TO	NEB	Priority	:	<input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low		
FROM	BW MEP SERVICES	Date Submitted	:	02/08/2017		
Discipline:		<input type="checkbox"/> Arch <input type="checkbox"/> Struct <input type="checkbox"/> Mech <input type="checkbox"/> Elec. <input checked="" type="checkbox"/> Plumb		Response Required By:	ASAP	
		Location:	<input type="checkbox"/> P	Level:		
			<input type="checkbox"/> T1 <input type="checkbox"/> T2		Grid:	

ENCLOSURES:

<input checked="" type="checkbox"/> Technical Data	<input type="checkbox"/> Test Reports	<input type="checkbox"/> O & M Manual (Prel.)	<input type="checkbox"/> Others (Specify)	MATERIAL SUBMITTAL	<input checked="" type="checkbox"/> Issued For Approval
<input type="checkbox"/> Samples	<input type="checkbox"/> Calculations	<input type="checkbox"/> O & M Manual (Final)			<input type="checkbox"/> Issue For Information / Records
<input type="checkbox"/> Compliance Statement	<input type="checkbox"/> Warranty	<input type="checkbox"/> Schedule			
<input type="checkbox"/> Method Statement	<input type="checkbox"/> Material Approval				

DESCRIPTION:
Material Submittal for : PPR PIPE SDR7.4

Attachments: 1 Set Hard Copy

MANUFACTURER: WEFATHERM GERMANY **SUPPLIER:** M/S AQUAPLEX

Only One Item per Submittal is recommended

We confirm that the material hereby submitted is suitable for the conditions of use and conforms with the contract specifications and all applicable codes, standards and statutory requirements. We confirm that no variation in the contract sum is implied or claimed by this submittal sheet. Acceptance of this material submittal does not alter in any way whatsoever our contractual or common obligations and responsibilities. Where the submittal is in any way in variance with the specification, such variations must be identified and brought to the attention of the Engineer or Engineer's representative on this form. The Engineer's acceptance will be invalidated if such variations are not identified.

Main Contractor: MUTHUKUMAR/BORER **Date:** 02-08-2017

CONSULTANT'S COMMENTS : **ISSUE / RECEIVE STAMPS**

* This Approval for the material submitted is subject to MEP Contractor (M/S BW) obtain SM license Approval.
* No objection for PPR Pipes material from M/S Wefatherm Germany origin according to attached our previous Approval and comments of Boudar School (Phase 2) previous Project

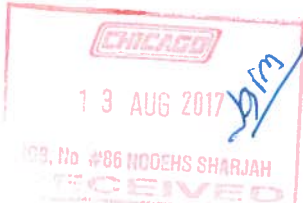
Attachments:
 A - Approved B - Approved with comments (Resubmit for Record) C - Rejected R - Not Reviewed

For and on behalf of
National Engineering Bureau [Signature] **Date:** 11-8-2017

REMARKS :
The Consultant's comments shall not relieve the Contractor of any of his responsibilities under the Contract.

Copied To:
Received for Contractor : **Date:**

* MCR also submitted upon to delivery



Client 	Consultant  PARSONS BRINCKERHOFF	Main Contractor 	Subcontractor 
---	---	--	--

DOCUMENT/MAT. SUBMITTAL SHEET

PROJECT NAME	SEVENTH HEAVEN (B+G+12 BLDG)	DSS No.	SH-MC013-DSS-15-070
PROJECT No.	MC013	Date	7-Nov-15
<input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Other			
Submittal No.	SH-S04-MC013-AB-GE-WS-MT-0154	Rev. No.	01
Submittal Type	MATERIAL SUBMITTAL		
Main Contractor	SUSTAINABLE BUILDERS LLC		
Subcon./Supplier	International Electro Mechanical Service Co. LLC	Subcon./Sup. Ref. #	S04-SH-DSS-0137

REFERENCE	DESCRIPTION	REMARKS
DWG.	POLYPROPELENE PIPES AND FITTINGS (PP-R) FOR BOOSTED COLD WATER, HOT WATER SUPPLY AND COLD WATER SUPPLY PIPING	
SPEC.		
B.O.Q.		

Product Catalogues Compliance Statement Test Reports Sample

Location of use : General

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

Contractor: SUSTAINABLE BUILDERS LLC	Signature: MUHAMMAD RASHID, OPERATIONS MANAGER	Date:
--	--	--------------

Consultant's Review/Comments (WSP ME) 1. Confirmation required regarding the material used for pipe fittings. 2. Submit test reports/certificates to demonstrate that the proposed material is suitable to withstand 90 degree Celsius. 3. DWG stamp/serial shall be available on all pipes and fittings along with the relevant standard identification numbers. 4. Submit sample of PPRCT pipes and fittings. 5. Final approval subject to ARE confirmation.	Client's Review/Comments (Abwab Real Estate) 
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CONSULTANT : WSP ME Sridhar M.	SIGNATURE: 	CLIENT APPROVAL: ARE MUSTAFA SAAID	SIGNATURE:
--	--	--	-------------------

Status Code

<input type="checkbox"/> A Approved	<input type="checkbox"/> C Revise and Resubmit
<input checked="" type="checkbox"/> B No Objection with comments	<input type="checkbox"/> D Rejected <input type="checkbox"/> E For Information & Record Only.

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The 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. 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.

Distribute to:

<input type="checkbox"/> MS	<input type="checkbox"/> MR	<input type="checkbox"/> AS	<input type="checkbox"/> ID	<input type="checkbox"/> DM	<input type="checkbox"/> IQ	<input type="checkbox"/> MSA	<input type="checkbox"/> PP/PK
<input type="checkbox"/> Ec/MA	<input type="checkbox"/> Uk/MA	<input type="checkbox"/> SK	<input type="checkbox"/> Hr/CR	<input type="checkbox"/> IEMG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Check 7/11/15

Approved 07/11/2015



Client 	Consultant 	Main Contractor 	Sub Contractor 
---	---	---	---

DOCUMENT/MAT. SUBMITTAL SHEET

PROJECT NAME	ASHJAR CANOPY LIVING	DSS No.	AS-MC014-DSS-15-0664 Rev. 01
PROJECT No.	MC014	Date	
<input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Other			
Submittal No.	AS-S04-MC014-AB-GE-WS-MAT-0153	Rev. No.	01
Submittal Type	MATERIAL SUBMITTAL		
Main Contractor	SUSTAINABLE BUILDERS LLC		
Subcon./Supplier	INTERNATIONAL ELECTRO-MECHANICAL SERVICE CO. LLC	Subcon/Sup. Ref. #	S04-AS-DSS-73_01

REFERENCE	DESCRIPTION	REMARKS
DWG	POLYPROPELENE PIPES AND FITTINGS (PP-R) FOR BOOSTED COLD WATER, HOT WATER SUPPLY / RETURN AND COLD WATER SUPPLY PIPING	
SPEC		
B.O.Q		
Enclosure		

<input type="checkbox"/> Company Profile	<input type="checkbox"/> Trade License	<input type="checkbox"/> Test Reports	<input checked="" type="checkbox"/> Others
<input type="checkbox"/> Product Catalogues	<input checked="" type="checkbox"/> Compliance Statement	<input type="checkbox"/> Sample	

Location of use : _____

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

Contractor: SUSTAINABLE BUILDERS LLC.	Signature: MUHAMMAD RASHID SR. OPERATIONS MANAGER	Date:
---	---	--------------

Consultant's Review/Comments (WSP ME)	Client's Review/Comments (Abwab Real Estate)
--	---

1. Confirmation required from contractor regarding the material used for pipe fittings.
2. Compliance to previous revision comment no. 6 & 9(not complied fully and sample to be submitted for multi layer pipe as proposed)shall be submitted.



CONSULTANT : WSP ME Sridhar M. 27-10-2015	SIGNATURE: 	CLIENT APPROVAL: ARE MUSTAFA SAAID	SIGNATURE
---	---	--	------------------

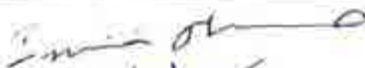
Status Code

<input type="checkbox"/> A No Objection	<input type="checkbox"/> C Revise and Resubmit
<input checked="" type="checkbox"/> B No Objection with Comments	<input type="checkbox"/> D Rejected
	<input type="checkbox"/> E For Information & Record Only

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Distribute to:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


17/10/2015


15/10/2015



APPROVAL OF SERVICES / MATERIALS

Project:	3 BUILDING OF 1B+G+4TYP.FLRS.+HC RESIDENTIAL	Project Code:	RC-88,48 & 91
		Ref. No:	C&BE/J343/2015/MEP/MECH/05
Plot No/Location:	RC-88,48 & 91 D.S.	Date:	09.12.2015
Main Contractor: CBE			

MATERIAL TYPE

<input type="checkbox"/> Architectural	<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> ID
<input type="checkbox"/> Firefighting	<input type="checkbox"/> Plumbing	<input type="checkbox"/> Structural	<input type="checkbox"/> Other (Specify)

Sample Description	PPR PIPES AND FITTINGS
Sample Location	

ID Program Reference:		Drawing Ref:	Specification Ref:
No.	NEB Approved Material	Same as specified	
	COPY ATTACHED	WEFATHERM	

Subcontractor/Supplier: WEFATHERM PPR PIPES AND FITTINGS

Reason for Alternation:

Submitted By:			Date: 09.12.2015
Name:	SHAWKY A.AZIZ		
Received By:			Date: 9-12-15
Name:			

BELOW PORTION FOR NEB USE ONLY

Status: Approved Approved as noted Rejected Re submitted

Comments: * PPR Pipes Inside Toilet and kitchen. To Be SDR 7.4.
* PPR at shaft and Roof To Be. with Aluminum layer as specification
* The Approved. only for Pipes & fitting.

Name:	Signature:	Date: 9-12-15
Handover to:		
Name:	Signature:	Date:

❖ Clearing of above named documents is 14 days from submission date as per NEB requirements

CLIENT'S APPROVAL AND COMMENTS

Name:	Signature:	Date:
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* Sample. To Be Submitted. for approval.

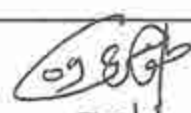
* subject To testing for approval

Received

12/12/15

RECEIVED
09 DEC 2015

RECEIVED
09 DEC 2015


12-15





Project Name: Palm Couture B+G+9+R Residential Building	Date: 06/12/2015
Client: Haroon & Moosa Holding Limited	Project No: J416
Consultant: Next Engineering Consultants	Ref. No. P-05
Contractor: AMBB Building Contracting L.L.C	Rev. No. REV-4

SUBMITTAL FORM

Originator of the Submittal: AMBB MEP SERVICES	Date: 06/12/2015
Authorized Signature: <i>[Signature]</i>	Req. By: 10/12/2015

Type of Submittal: Sub-contractor / AMBB MEP Services Material Shop Drawings
 Others : _____

Item Description	List of Enclosure (Tick the Related Box)
PPR PIPES AND FITTINGS (MAKE - WEFATHERM)	<input type="checkbox"/> Vendor's Technical Literature
BOQ Item :	<input type="checkbox"/> Compliance Statement
Specification :	<input type="checkbox"/> Test Results
Drawing No. :	<input type="checkbox"/> Copy of the Related Spec's
Reference :	<input type="checkbox"/> Samples
Remarks :	<input type="checkbox"/> List of Previous Projects Done
	<input type="checkbox"/> Others (Specify) : 2 sets hard copy 1 set soft copy.

A.M.B.B
 M.E.P DIVISION
 P.O. Box : 51445 - Dubai
 22 DEC 2015
 Received by: _____

Contractor Statement: We certify that the submittal herewith has been reviewed in details and in compliance with the contract drawings and specifications except as otherwise stated heretofore.

Contractor Signature: <i>[Signature]</i>	Date: _____
Consultant Received:	Date: _____

RECEIVED
 AMBB Site Office

<p>Consultant Engineer's Comments</p> <p><i>Pipes must deliver equivalent to system pressure (Testing at 1.5 Times). Mainly verify hot water booster system</i></p>	<input type="checkbox"/> APP - Approved
	<input checked="" type="checkbox"/> AAN - Approved As Noted
	<input type="checkbox"/> NA - Not Approved, Resubmit
	<input type="checkbox"/> IR - Incomplete, Resubmit
Consultant Signature: <i>Rh</i>	Date: 17/12/15

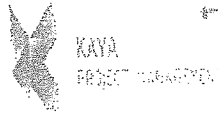
21 DEC 2015
 J416
 Signature: *[Signature]*
 10:22A

Corrections or comments made relative to submittal during this review do not relieve the contractor from compliance with the contract requirement 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.

M.E.P
 SFC
 NEXT ENGINEERING CONSULTANTS

SUBMITTED
 ENGINEER'S
 14 DEC 2015
 SUBMITTAL FORMS
Only
RECEIVED

RECEIVED
 16 DEC 2015
 BY: *[Signature]* 1:03



AMBB



Project Name: Palm Couture B+C+9+Residential Building	Date: 11/10/2015
Client: Haroon & Moosa Holding Limited	Project No: J416
Consultant: Next Engineering Consultants	Ref. No. P-05
Contractor: AMBB Building Contracting L.L.C	Rev. No. REV-3

SUBMITTAL FORM

Originator of the Submittal: AMBB MEP SERVICES	Date: 11/10/2015
Authorized Signature:	Req. By: 17/10/2015

Type of Submittal

Sub-contractor MEP SERVICES Material Shop Drawings

Others : _____

Item Description	List of Enclosure	
	(Tick the Related Box)	
PPR PIPES AND FITTINGS MAKE - WEFATHERM GERMANY	<input checked="" type="checkbox"/>	Vendor's Technical Literature
BOQ Item :	<input checked="" type="checkbox"/>	Compliance Statement (Reply to Comment)
Specification :	<input type="checkbox"/>	Test Results
Drawing No. :	<input type="checkbox"/>	Copy of the Related Spec's
Reference :	<input type="checkbox"/>	Samples
Remarks :	<input type="checkbox"/>	List of Previous Projects Done
	<input type="checkbox"/>	Others (Specify) : 2 SETS HARD COPY &

Contractor Statement: We certify that the submittal herewith has been reviewed in details and in compliance with the contract drawings and specifications except as otherwise stated hereabove.

Contractor Signature:	Date: _____
Consultant Received: _____	Date: _____

Consultant Engineer's Comments

- Material should comply to specifications & selected for working pressure (PN 16) as specified, for both Hot & Cold water

APP - Approved

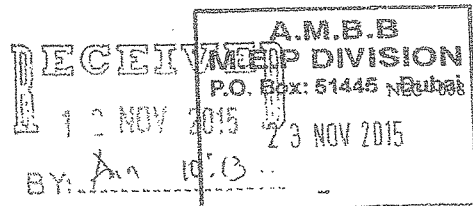
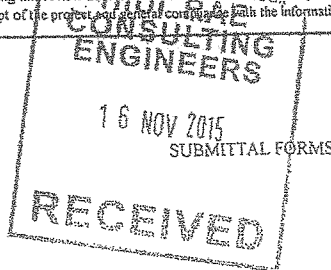
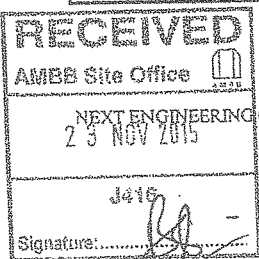
AAN - Approved As Noted

NA - Not Approved, Resubmit

IR - Incomplete, Resubmit

Consultant Signature :	Date: 19/11/15
------------------------	----------------

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





MBP-MTS ASD RO



MAIL TYPE
Workflow Transmittal

MAIL NUMBER
DBB-WTRAN-003581

REFERENCE NUMBER
DBB-WTRAN-003581

(WF-003537) MATERIAL SUBMITTAL OF PPR PIPES & FITTINGS

From Ms Ella Guardiola - Dutco Balfour Beatty Group

To (11)

- Alvin Semado - WME Consultants
- Gopan Raj - WME Consultants
- Anas Muthalib - WME Consultants
- Mr Mohammed Shameer - WME Consultants
- Mr Darren Denikiewicz - WME Consultants
- Philip Dobson - WME Consultants
- Manivel Ramasamy - WME Consultants
- Mr Devakumar Kaltheri - WME Consultants
- Sherief Salim - WME Consultants
- Mr Joe Rockey - WME Consultants
- Sakthivel Murugan - WME Consultants



Cc (5)

- Mr Ali Ghoname - AECOM
- Mr Niall Murphy - AECOM
- Ms Inoka Thennakoon - Emaar Properties PJSC
- Mr Ayman Kassem - Emaar Properties PJSC
- sasikumar Anirudhan - Emaar Properties PJSC

Sent Sunday, 26 February 2017 9:48:29 AM GST (GMT +04:00)

Reason Issued for Approval

Status N/A

DOCUMENT ATTACHMENTS (1)

(0 selected)



File	Document No	Revision	Revision Date	Title	Status	Planned Submission Date
	TADD-DBB-MEC-MAS-00037	00	26/02/2017	MATERIAL SUBMITTAL OF PPR PIPES & FITTINGS	Workflow in Progress	

ATTRIBUTES

Attribute 1 Electrical, Mechanical, Plumbing

Attribute 2 - Project Wide

Job No.: 6957-01	Date: 14 Dec 2017
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PROJECT: Burj Al Arab – FWS & CWS Replacements	MA No. 6957-01/01
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To: ERICH THEODORE ZAHRT Plant Engineer BAA	From: RAJESH MANA BKG Originator: RAJIV RAVINDRAN Signature: 
---	--

Attached material for approval:	PPR Pipes
Item description:	PPR Standard pipes and Fittings
Specification reference:	SDR 6
Drawing reference:	N/A
Location to be used:	For the Filtered water supply (FWS) and Cold water Supply (CWS) at B1,B2,B3 and Ground Floor
Supplier/manufacturer:	WEFATHERM – Made in Germany



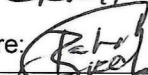
"BKG confirms the submittal has been reviewed for compliance with Contract documents".

Other remarks: 7
Response required by: 10/1/17

CLIENT/ENGINEER'S RESPONSE

<input checked="" type="checkbox"/> A - APPROVED	<input type="checkbox"/> B - APPROVED AS NOTED	<input type="checkbox"/> C - REJECTED
<input type="checkbox"/> D - SUBMITTAL NOT REQUIRED	<input type="checkbox"/> E - ADDITIONAL CLARIFICATION REQUIRED	

Other comments: Please measure total usage of 108mm pipe and mention area on completion report

FOR CLIENT/ENGINEER	
Name: ERICH ZAHRT	Reference:
Signature: 	Date: 25/12/2017