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QATAR

APPROVAL COLLECTION

2016-2024



PRO AT FLUID CONTROL





Doha Metro – Red Line North Underground
Lot 1.4 and Lot 1.5



Material Submittal Sheet (MSS)

(Employer's Requirements Vol. 7 Cl. 1.2.1)

Contr. No.	RTC/038/2012	MSS No.	M001	-	ISG	-	MEP	-	MAR	-	10241
From:	ISG JV	To:	Qatar Rail						Rev.:		1
Subject	CHILLED WATER VALVE IN STATIONS										
WBS	M001	WBS	RNST		WBS	N/A			Lot No.		1.4 & 1.5

Material Description: (additional information sheets may be attached to this document)

Products: CHILLED WATER VALVE.

Supplier: TNG TRADING & COMMERCIAL SERVICE LLC.

Manufacturer: VALVE IT SRL

RAM Target: **Failure Rate:** 3.81 **MART*: 60** **RAM Code:** --

* Mean Active Repair Time (MART) is the time to repair the asset once the maintainer is on site including failure diagnosis, removing covers, repair of asset, replacing covers, testing and restarting the asset back into service. It refers to the average corrective action repair time of a unit at its asset location. The measure is based on the time taken to diagnose the fault and restoring the asset back into a serviceable condition.

Attachments:		Discipline(s)	MEP Stations
1. Manufacturer's Company Profile & Catalogue	2. Country of Origin & Local Dealer Details	Specific.	M001-ISG-MHV-SPE- 76793,76633,76753, 76873,76713,76919,77370
3. Technical Data Sheet	4. Compliance Statement with Project Specification	Dwg. Ref.	7.23.1.1, 7.23.1.2, 7.23.1.3, 7.23.1.4, 7.23.1.5 7.23.1.6 _VAC SYSTEM
5. Compliance Letter for Lifetime	6. Test Certificates, ISO Certificates and etc.		
7. Quality Management System	8. Authority Approvals		
9. Project Reference	10. Installation testing & maintenance instruction		
11. GSAS	12.		
Requester Name/Position:	Project Manager	MEP Design Manager	Contractor's Authorised Signatory:
CONFIDENTIAL	CONFIDENTIAL		CONFIDENTIAL
(Urgent as noted below subject to Engineer's agreement)			Date:
Urgent	V	Normal	Copies to:
			Aconex Eng. M. PM Subcontr.

This Material is included in the List of Approved Materials by:
Sample(s) is (are) provided herewith: Yes/No Description:

For Designer's Use	Date Received:	Reviewed by:
RESPONSE:		
Attachments:	Reference Documents:	
1.		
2.		

For DVE's Use	Date Received:	Reviewed by:
RESPONSE:		
Please find enclosed DVE replies.		
Attachments:	Reference Documents:	
1.		
2.		

For Engineer's Use	Date Received:	Reviewed by:
RESPONSE:		
Attachments:	Reference Documents:	



Contractors' Joint Venture

salini
impregilo



SK E&C

Galfar

QATAR INTEGRATED RAIL PROJECT

Doha Metro: Red Line North Underground

Material Approval Request

M001-ISG-MEP-MAR-10241



PREPARATION BY CONTRACTOR:

Action	Name	Signature	Role	Company	Date
Originator	CONFIDENTIAL		Project Manager	TCS JV	8/6/2017
Checker	CONFIDENTIAL		Mechanical Engineer	ISG JV	8/6/2017
Reviewer	CONFIDENTIAL		MEP Design Leader	ISG JV	8/6/2017
Approval	CONFIDENTIAL		Project Director	ISG JV	8/6/2017

APPROVAL:

Action	Name	Signature	Role	Date
Recommendation for Approval	CONFIDENTIAL		Engineer's Assistant	30/8/17
Approval	CONFIDENTIAL		Engineer	12-9-17

+

2095

Material Approval Request Review Sheet (Engineer)

Company Management System

PROJECT:	Red Line North Underground			PROJECT NO.:	RTC038/2012		
REVIEW SHEET NUMBER:	M001-MEP-ERS-10327		REV.:	1	DATE:	28-Aug-17	
ORIGINATOR:	ISG JV			TRANSMITTAL NO. / DATE:			
DOCUMENT NO.:	M001-ISG-MEP-MAR-10241		REV.:	1	DISCIPLINE:	MEP	
DOCUMENT TITLE:	CHILLED WATER VALVE IN STATIONS BY M/S TNG TRADING & COMMERCIAL SERVICE LLC			DOCUMENT TYPE:	MAR		
MATERIAL MANUFACTURER:	VALVE IT SRL			PREFERRED MATERIAL SUPPLIER:	TNG TRADING & COMMERCIAL SERVICE LLC		
LOCATION OF MANUFACTURER:	ITALY			LOCATION OF USE:	FOH NA BOH NA		
QCDD APPROVAL:	Required NO Provided			MATERIAL SAMPLE PROVIDED:			
CROSS APPROVAL:	YES/NO NO Reference						
Comment Code Legend (for individual comments):				Reply Code Legend			
1 = Action required for this issue				I=incorporated, II= evaluated and not incorporated for reason stated		Open/Closed	
No.	Initial	Page/Section	Comment Code	Reviewers Comments (PMC/CPO, CTO)		Reply Code	D&B Contractor/Other Party Reply
				No comments			
Document Review Status Code:		C		C SOND E Fail/Not approved			
Reviewer		Engineer's Assistant		Technical Department			
Reviewer's Name		Position		RECOMMENDED		ACCEPTED	
Reviewer 1 Name		Position		Name:	CONFIDENTIAL	Name:	CONFIDENTIAL
Reviewer 2 Name		Position		Name:	CONFIDENTIAL	Name:	CONFIDENTIAL
Reviewer 3 Name		Position		Name:	CONFIDENTIAL	Name:	CONFIDENTIAL
Reviewer 4 Name		Position		Name:	CONFIDENTIAL	Name:	CONFIDENTIAL
Anthony Llett		MEP Engineer		Name:	CONFIDENTIAL	Name:	CONFIDENTIAL
Karamat Hussein		MEP Engineer		Name:	CONFIDENTIAL	Name:	CONFIDENTIAL
latn Fell		PMC Project Director		Name:	CONFIDENTIAL	Name:	CONFIDENTIAL
Signature:		Signature:		Signature:		Signature:	
Date:		Date:		Date:		Date:	

30/8/17
M. Pappan

DOCUMENT SUBMITTAL

Project : Construction of Mega Reservoir PRPS 2- UMM SLAL		Contract no.: GTC/ 626B/ 2014	
From	CONFIDENTIAL Project Director	To	CONFIDENTIAL Head of Main Water Project
Company	HBK Contracting Company W.L.L	Company	KAHRAMAA, Water Projects Department
Submittal No:	WMR-HBK-PR2-DSK-17-0416_R (GTC626B-HBK-M-MAT-17-024)	Submitted For:	Approval ☒
Revision No:	0		Information ☐
Date:	16/11/2017		As Requested ☐

Discipline: ☐ Architectural ☐ Civil ☐ Structural ☐ Electrical ☒ Mechanical ☐ Instrumentation ☐ General

Type of submittal

☐ Design drawing (DWG)	☐ Inspection & test plan (ITP)	☐ Reports; progress, quality, FAT... (RPT)
☐ Issue for construction drawings (IFC)	☒ * Materials (MAT)	☐ Test result / certificates (TRC)
☐ Shop drawing (SHD)	☐ Method statement (MST)	☐ Tender documents (TDR)
☐ As-Built drawings (ABD)	☐ Organization chart/CV (OCV)	☐ HSE plan/report (HSE)
☐ Sketch (SKT)	☐ Pre-qualification (QFN)	☐ Operation & Maintenance Manual (OMM)
☐ Data sheet (DTS)	☐ Program & schedule (PGS)	☐ Procedures/Forms/ checklist (FRC)
☐ Design calculation (DEC)	☐ Project quality plan (PQP)	☐ Other (OTH)

Submittal description: * For materials: Include Materials description, Brand name, item code, Manufacturer & supplier with address.

Drawing /Document No.	Rev.	Description	No. of pages
WMR-PR2-52-20-S060	A	Material Submittal & Pre-Qualification Document for Air Piping Valve Manufacturer: M/s. Valve IT – Italy Supplier: M/s. CONFIDENTIAL	321

Attachment: Hard- 01 copies + CD-01 Copies + Samples 00 nos., (* Required; data sheet, compliance statement, other supporting docs.)

Ref	KM Specification/QCS/BOQ/Drawing/Codes	Location/ use
Appendix A4	Mechanical Specification Rev 2 & QCS 2014 Section 10 Part 1	Between Air Compressor & Surge Vessel

Declaration: This is to certify that this submission has been verified and found in compliance with the contract requirements.

CONFIDENTIAL Prepared by: Name/Sig./ date **CONFIDENTIAL** QA/QC Reviewed by: Name/ Sig./ date **CONFIDENTIAL** Approved by: Name/Sig./ date

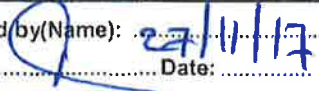
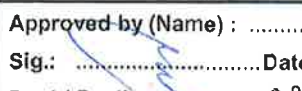
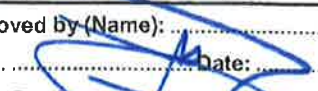
Consultant's Comments Please find comments from DDSSC / PMC

Reviewed by:  Date: 27/11/2017

Approved by:  Date: 27/11/2017

Comments By KAHRAMAA

☐ A - APPROVED ☒ B - APPROVED WITH COMMENTS ☐ C - REVISE & RESUBMIT ☐ D - REJECTED ☐ N - NOTED

Reviewed by (Name):  Date: 27/11/17	Approved by (Name):  Date: 28 NOV 2017	Approved by (Name):  Date: 28 NOV 2017
Sig.:  Date: 27/11/17	Sig.:  Date: 28 NOV 2017	Sig.:  Date: 28 NOV 2017
Dept./ Section:	Dept./ Section:	Dept./ Section:

Acknowledged by (put stamps here from left towards right in sequence of date of receipt)

Receipt 1	Receipt 2	Receipt 3	Receipt 4
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DOCUMENT SUBMITTAL

Project : Construction of Kahramaa Central Workshop		Contract no.: GTC517/2012	
From ¹	CONFIDENTIAL - Project Manager	To ²	CONFIDENTIAL Head of Building Projects & General Fac. Section
Company	Leighton Contracting (Qatar), W.L.L...	Company	Qatar General Electricity & Water Corporation
Submittal No: ⁵	GTC517-LCQ-M-MAT-18-001	Submitted For: ⁷	Approval ☒
Revision No: ⁶	02		Information ☐
Date: ⁷	29-March-2018		As Requested ☐

Discipline:³ ☐ Architectural ☐ Civil ☐ Structural ☐ Electrical ☒ Mechanical ☐ Instrumentation ☐ General

Type of submittal ¹⁰		
☐ Design drawing (DWG)	☐ Inspection & test plan (ITP)	☐ Reports; progress, quality, FAT... (RPT)
☐ Issue for construction drawings (IFC)	☒ * Materials (MAT)	☐ Test result / certificates (TRC)
☐ Shop drawing (SHD)	☐ Method statement (MST)	☐ Tender documents (TDR)
☐ As-Built drawings (ABD)	☐ Organization chart/CV (OCV)	☐ HSE plan/report (HSE)
☐ Sketch (SKT)	☐ Pre-qualification (QFN)	☐ Operation & Maintenance Manual (OMM)
☐ Data sheet (DTS)	☐ Program & schedule (PGS)	☐ Procedures/Forms/ checklist (FRC)
☐ Design calculation (DEC)	☐ Project quality plan (PQP)	☐ Other (OTH)

Submittal description:¹¹ * For materials: Include Materials description, Brand name, item code, Manufacturer & supplier with address.

Material Description : *Motorized Butterfly Valves*
 Manufacturer : *ValveIT*
 Supplier: *Metito (Overseas) Qatar WLL, P.O. Box 23616, Doha Qatar | Tel. No. 4450 8650, Fax: 4456 8750*

Attachment: Hard- 02 copies + CD-01 copies + Samples 01 nos., (* Required; data sheet, compliance statement, other supporting docs.)

Ref. KM Specification/QCS/BOQ/Drawing/Codes¹² Location/ use¹³

Declaration¹⁴: This is to certify that this submission has been verified and found in compliance with the contract requirements.

Prepared by: Name/Sig./ date QA/QC Reviewed by: Name/ Sig./ date Approved by: Name/Sig./ date

Consultant's Comments ¹⁵	

Reviewed by: Name/ Signature: Date: Approved by: Name/ Signature: Date:

Comments By KAHRAMAA ¹⁶	
No further comments - Approved	

☒ A - APPROVED ☐ B - APPROVED WITH COMMENTS ☐ C - REVISE & RESUBMIT ☐ D - REJECTED ☐ N - NOTED	
Reviewed by (Name): <i>H.M. 2018</i>	Approved by (Name): <i>2018</i>
Sig.: <i>[Signature]</i> Date: <i>29-3-18</i>	Sig.: <i>[Signature]</i> Date: <i>2-4</i>
Dept./ Section: <i>T.W.D.</i>	Dept./ Section: <i>[Signature]</i>

Acknowledged by (put stamps here from left towards right in sequence of date of receipt)

Receipt 1 TW	Receipt 2 1235	Receipt 3	Receipt 4
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TW-PM/F16/11 Issue 0 13-05-2017



مشيرب العقارية
MSHEIREB PROPERTIES

TIME Qatar CEG INTERNATIONAL

MSHEIREB PROPERTIES
MSHEIREB DOWNTOWN DOHA PROJECT PHASE 4
BP-04-04-SUBSTRUCTURE & SUPERSTRUCTURE WORKS



MSHEIREB DOWNTOWN DOHA PROJECT PHASE 4



TCC IV MSHEIREB DOWNTOWN DOHA PROJECT PHASE 4 - DGS
14 NOV 2017
SITE MASTER
TCC IV MSHEIREB DOWNTOWN DOHA PROJECT PHASE 4 - DGS
ISSUED FOR ACTION

Material Submittal For VALVES, TEST POINT & STRAINERS FOR CHILLED WATER APPLICATION (valveIT-Italy)

SUBSTRUCTURE & SUPERSTRUCTURE WORKS
CONTRACT NO.: CON/BP-04-04/2016/0581

Document No.: **VAC-TCC-GEN-GEN-MAR-GEN-GEN-00024** Revision No.: **03**

Issue Status: **For Approval**

	Prepared by	Reviewed by	Reviewed by	Reviewed by	Reviewed by	Approved by
Name	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL
Job Title	Sr. Procurement Engineer MEP	Procurement Manager	QA / QC Manager	Control Manager	Project Manager - MEP	Project Director
Signature						
Date	02/11/17	2/11/17	4.11.17	05/11/17	05/11/17	05/11/17

Submittal Comment Sheet

Package No. : BP-04-04-00654 Rev: 03

Item No. : BP-04-04-01401 Rev: 03

Received Date : 05th Nov. 2017

Response Date : 14th Nov. 2017

Description : Material Submittal FOR VALVES & STRAINERS FOR CHILLED WATER
APPLICATION (valveIT-Italy) (VAC-TCC-GEN-GEN-MAR-GEN-GEN-00024 Rev.03)

Responder : **CONFIDENTIAL**

Response : "B" Approved as noted

Mechanical Comments:

1. The proposed Material submittal is as per CPA no. 18 approval.
2. The material submittal is for only the following models: VIT-25-BLBZ, VIT-16-BCL, VIT-20-SCBZ, VIT-16-WCC, VIT-20-GBZB & VIT-25-DBZR.
3. The following documents shall be provided along with each material delivery,
 - a) Packing list
 - b) Bill of Lading
 - c) Country of Origin Certificate
 - d) Euro 1 Certificate

For CEG International



CONFIDENTIAL

Asst.R.E. Phase 4

☐ A Approved ☒ B Approved as Noted ☐ C Revise & Resubmit ☐ R Rejected	CEG International 
Date: 14/11/17 Signed: 	
CEG has reviewed this Submittal, but only for the purpose of checking for conformance with the Design Intent expressed in the Contract Documents. CEG's action on a specific item does not indicate approval of an assembly of which an item is a component, nor of an item as delivered and installed if it does not conform to the Contract Documents. Contractor/Supplier is responsible for checking for deviations between this Submittal differing information or conditions in the Contract Documents field conditions for determining or substantiating the accuracy and completeness of other details such as dimensions and quantities; for substantiating instructions for installation or performance of equipment or systems designed by Contractor/Supplier; for construction means, methods, techniques, schedules, sequences, procedures, and coordination of the Work of the trades, safety precautions and performing the Work in a safe and satisfactory manner and in conformance with the Contract Documents. If more than one submittal review stamp appears on this Submittal, the most stringent actions and annotations shall apply. Signature of a submittal review stamp by CEG or a Consultant does not imply that it has reviewed Work not within its professional discipline or scope of services.	

Contractor's Submittal Review Comments (CSRC form)

This form is to be used for describing the review comments related to Contractor post contract award submittals of management plans, procedures, method statements, inspection test plans, risk assessments, Pre-qualification, materials, mock ups, test reports, drawings, etc. that can lead to one of the following outcomes.

A : Reviewed	C : Revise and Resubmit
B : Reviewed as Noted	D: Cancelled

Contractor Submittal Details	
Transmittal Reference & Rev.:	NPP0085-DSQ-CSRC-JEC-PRC-MAS-00310_2
Contractor submittal Ref.:	NPP0085-JEC-PRC-MAS-00310_2
Submittal Title:	Material submittal for Valves inside Oil Tank Farm Manufacturer – M/s Valve IT - Italy Supplier - CONFIDENTIAL
Date of Submission:	17-Oct-19



PMC Review Outcome	
Review Status:	B: Reviewed as Noted
Review Status issued by:	CONFIDENTIAL
Response Date:	24-Oct-2019
Quality Check prior to Transmittal	CONFIDENTIAL
Date:	24-Oct-2019
Specification Reference:	

MECHANICAL PROPOSED VENDOR LIST

Item	Material	PROPOSED VENDORS
	HVAC MATERIAL LIST	
29	Air Cooled Chiller	CARRIER
		YORK
		TRANE
		PETRA
		BLUE STAR
		SKM
		DAIKIN
30	Chilled Water Pump	WILO
		EBARA
		DP
		XYLEM LOWARA
31	Chemical Dosage Pot & Chilled water chemical treatment system	METITO
		BRITANIC
		CULLIGAN
32	Pipe Supports and Hangers for HVAC System	WEICCO
		DAIMOND
		TEMBO SEVEN STAR
		INKA
		FISCHER
33	Threaded Fittings	BIS-THAILAND
		SHURIOINT-TAIWAN
		CRANE-CHINA
		SIAM-THAILAND
34	Grooved Fittings	NATIONAL
		SHURIOINT
		SHANGHAI VISION
		FLAMEX
		SHIELD
35	Steel Pipe	SURYA
		AL JAZEERA
		SHIELD
36	Valves & Accessories	
		VALVE IT
37	Instruments & Gauges	WINTER
		HUNTER

MECHANICAL PROPOSED VENDOR LIST

Item	Material	PROPOSED VENDORS
38	Pre insulated Duct	EASY DUCT
		HAWA
		ZELLTECH
		TDI
39	GI Ductworks sheet metal.	JINDAL
40	Ductwork Insulation.	KIMMCO
		ODE
		IZOCAM
41	Acoustic Liner	KIMMCO
		ODE
		IZOCAM
42	Flexible Ducts	AFS
		DURAFLEX
		SUPAFLEX
		CRAYFLEX
		TWIGA
		DUCTLINE
43	Flexible Duct Connectors.	AFS
		DURODYNE
44	Volume Control Dampers / Motorized Dampers / Non-Return Dampers	KMC
		KBE
		AIRMASTER
		QAD-NET
		CAT-DUCT
		SAFID
45	Fire Dampers	KMC
		KBE
		AIRMASTER
		QAD-NET
		CAT-DUCT
		SAFID
46	Vibration Isolators	WEICCO
		TEMBO SEVEN STAR
		INKA
		DIAMOND
47	Sound Attenuators	KMC
		KBE
		AIRMASTER
		QAD-NET
		CAT-DUCT
		SAFID
48	Grills - Diffusers and Louvers	KMC
		HAWA
		KBE
		AIRMASTER

MECHANICAL PROPOSED VENDOR LIST

Item	Material	PROPOSED VENDORS
49	Air Handling Units	CARRIER
		YORK
		MEKAR
		PROVENT
		DOGU
		VTS CLIMA
		LORAN
		DAIKIN
		FINPOWER
		NEHMEH
		ACS
		SYSTEMAIR
		TRANE
50	DX Split Units	GREE
		FRIGIDAIRE
		YORK
		BLUESTAR
		CHIGO
		SAMSUNG
		HISENSE
		CARRIER
51	Exhaust and Ventilation Fans	CASALS
		SYSTEMAIR
		DYNAIR
		BVN
		DYNAIR
		ELTA
		FLAKTWOODS

Noted Not Limited to the above as equal approved brands could be used.