

Date : 4-Sep-19		NEW SUBMITTAL <input checked="" type="checkbox"/>	RESUBMITTAL <input type="checkbox"/>
Project Name : ACS DOHA INTERNATIONAL SCHOOL		Submittal No.: 30875-JTC-MHV-MSL-0022A REV.A	
Project No. : 30875		Customer :	
DESCRIPTION	Drawing Ref.	All Chilled Water Piping Drawing	
MATERIAL SUBMITTAL FOR CHILLED WATER VALVES & ACCESSORIES [M/S. HERZ] - ALTERNATIVE SUBMITTAL	Specs. Ref.	230500	
	BOQ Ref.		
	B.S. Ref.		
Attachment	<input checked="" type="checkbox"/> Literature	<input checked="" type="checkbox"/> Test Certificates	<input checked="" type="checkbox"/> Samples
MANUFACTURER/SUPPLIER			
Name : M/S. HERZ			
Address : AUSTRIA			
Local Agent : INNOVATION GATE TRADING CO.			
P.O. Box 19107 Doha, Qatar		Telephone No. +974 4414 1964	Fax No. +974 4414 1937
DELIVERY			
AVAILABILITY		MODE OF TRANSPORT	
Locally Manufactured	<input type="checkbox"/>	Overland	<input type="checkbox"/>
CCASG Manufactured	<input type="checkbox"/>	Air Freight	<input type="checkbox"/>
Overseas	<input checked="" type="checkbox"/>	Sea Freight	<input type="checkbox"/>
MANUFACTURE		PROGRAMME	
Production Period	<input type="checkbox"/>	Latest Date for Order	<input type="checkbox"/> SITE 315
Delivery Ex. Works	<input type="checkbox"/>	Date Material Required on Site	<input type="checkbox"/>
Total Delivery Time	<input type="checkbox"/>		
The Contractor certifies that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract documents except as otherwise stated.			
Name: <u>Mamdoh Mohd.</u>	Signature:		
CONSULTANT COMMENTS			
(1) Approved <input type="checkbox"/>	(4) Revise & Re-submit <input type="checkbox"/>	(7) Mnfr./ Supplier <input type="checkbox"/>	
(2) Approved as Noted <input checked="" type="checkbox"/>	(5) Add'l. Info Required <input type="checkbox"/>	(8) Guarantee Required <input type="checkbox"/>	
(3) Rejected <input type="checkbox"/>	(6) Sample/ Test Required <input type="checkbox"/>	(9) Others <input type="checkbox"/>	
REMARKS - The proposed Data sheet is not comply with the proposed material list. i.e. Balancing valve model ; 1421856 - samples for all proposed model are required ; The proposed sample for Compact Connector is not comply with the proposed material. u air vent is missed" - sample for item no. 6 in " material proposal sheet is provided on 2nd oct. and is accepted.			
Signature:	Date: 22/9/19		
CUSTOMER/ENGINEERING DEPARTMENT COMMENTS			
Status 2 - For items 2 & 6 only from annexure!			
Signature:	Date: 02/10/2019		
Approval by the Consultant and or the Customer shall not relieve the Contractor of his obligation under the Contract, and the Contractor shall be solely responsible for the soundness and correctness of the submitted materials and documents.			

For Contractor Use

For Consultant Use

For Customer Use

Al Jaber Trad. & Cont. Co. W.L.L.
Construction Of
ACS Doha International School
SITE 315

RECEIVED
Time: 2/10/19 Signature:

DOCUMENT CONTROL SECTION

memo



To:	Tarek Seif	CEG
Ref:	2100-1115-Mace-JJ-jj	Date: 8 th October 2019
Cc:	Mohamed Al Attar Aaron Thompson Jerry Martinez	AJG ACS Mace
From:	John Jones	Mace
Subject:	ACS Doha International School Al Kheesa Campus 2100 – Main Construction Contract Material Submittal for Chilled Water Valves	

Dear Tarek,

We are in receipt of your Transmittal ref. ACS/18017/MACE/0538/19, dated 22nd September 2019 and advise that the submission is acceptable to the Engineer status 2 Approved as Noted, with the following comment:

1. Approval for items 2 & 6 from annexure 1 only.

VSRF 2100/171, MSRF 2100/043 & 044 are attached approved accordingly.

Regards,


John Jones





23rd Sept. 2019

ACS Doha International School Al Kheesa Campus

Subject: Transmittal no. ACS/18017/MACE/0538/19 – Chilled Water Valve & its Accessories and Individual Valve for FCU

Drawing/Document No.	Title	CEG Comments	Mace Response	Status
30875-JTC-MHV-MSL-0022A	Material Submittal	Vendor Substitution Request Form – VSRF 2100/0171 for Chilled Water Valve and Accessories	Contractor to provide letter of confirmation/validation from the specified vendor list that material/type specified is no longer available in the market or discontinued items prior to submit alternative vendor. Subject for Engineer approval.	Subject for Engineer approval
		Material Substitution Request Form – MSRF 2100/0043 for Chilled Water Valve	Contractor to provide letter of confirmation/validation from the specified vendor list that material/type specified is no longer available in the market or discontinued item prior to submit alternative vendor. Subject for Engineer approval.	Subject for Engineer approval
		Material Substitution Request Form – MSRF 2100/0044 for Individual Valve Assembly for FCU to Valve Package	Contractor proposed material is totally deviating the existing design connection and typical installation by using a direct compact assembly fitting connections. The performance/reliability of the proposed assembly fittings is unknown to many. Cost saving to include for 500No of FCU units if approved. Subject for Engineer approval.	Subject for Engineer approval
		The proposed data sheet is not comply with the proposed material list, i.e. balancing valve model, 14218856	Automatic and manual balancing valve shall be DZR variable orifice and rising stem with micrometer indicator, parabolic slotted regulating disk and double regulating device.	Subject for Engineer approval
		Samples for all proposed model are required	Samples are required to ensure the quality of the proposed material is carefully checked and verified.	Subject for Engineer approval
		The proposed sample for compact connector is not comply with the proposed material 'air vent' is missing.	To provide sample with complete proposed fittings assembly as required.	Subject for Engineer approval
			Dielectric fittings connector is required for two dissimilar metal to prevent from any galvanic reaction or corrosion	Subject for Engineer approval

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VENDOR SUBSTITUTION REQUEST FORM

ACS DOHA INTERNATIONAL SCHOOL		VSRF No.	2100/0171
Package	2100	VSRF Date Issued	04/09/2019
Contractor	Al Jaber Trading & Contracting	Originator	: M/S AL JABER ELECRO MECHANICAL
Contract Date	16-Oct-18		
Contract Price	217,838,915.11		

No Substitution will be considered without submission of this Substitution Request Form completed, signed, and accompanied by all necessary supporting documentation. Substitutions made prior to approval of this form will be considered defective work.

Reason for Proposed Substitution:

<input type="checkbox"/> Cost benefit	<input checked="" type="checkbox"/> Constructability benefit
<input checked="" type="checkbox"/> Schedule benefit	<input checked="" type="checkbox"/> Non-availability of Base Items

SUBJECT : Request for Vendor Substitution - CHILLED WATER VALVE & ACCESSORIES

Scope of Substitution: Completed by Originator

- REMOVE:** Hattersley - UK, Crane Fluid-UK, Nibco-USA, FlowCon-Holland and Tour & Anderson-USA
- REPLACE WITH:** Herz-Austria

Attachments: 1.NO

Specification Reference: Completed by Originator

230523

Drawing Reference: Completed by Originator

- All Chilled Water Drawing**
- Reason for Proposed Solution:** Completed by Originator
- Partially Ex-Stock
 - Excellent European Brand with high accuracy for water balancing
 - There have a big range of package valve which will facilitate the installation.


Impact on Project Cost: Completed by Originator

No Impact

Impact on Project Schedule: Completed by Originator

No Impact


Additional Supporting Information: Completed by Originator

Contractor Sign:  for JTC **Date:** 8 SEPT. 19

Name: ENG. MAMDOH MOHD. ABDULHAFIZ,
Title: PROJECT MANAGER

Reviewed & Approved by: Completed by Construction Supervision Consultant (CSC)

Acceptable See Comments Below :-
Refer to the attached comments

CSC  for CEG **Date:** 22/9/19

Reviewed & Recommended by: Completed by Project Manager

Approved Variation Change Form **VCF No.** _____
 Rejected

Comments: *Subject to acceptable material submission*

Project Manager  for MACE (Qatar) **Date:** 08/10/2019

Authorized by: Completed by Operator and Employer

Operator for ACS Schools **Date:** _____
Employer for Al Jaber Group **Date:** _____

Distribution:
Original : Central File **Copies :** Employer / ACS / MACE / BM / AECOM / CSC / Contractor
Version 00 - 13 August 2018





MATERIAL SUBSTITUTION REQUEST FORM

ACS DOHA INTERNATIONAL SCHOOL		MSRF No.	2100/0043
Package	2100	MSRF Date Issued	5-Sep-2019
Contractor	AL JABER TRADING	Originator	M/S AL JABER ELECRO MECHANICAL
Contract Date	16-Oct-18		
Contract Price	217,838,915.11		

No Substitution will be considered without submission of this Substitution Request Form completed, signed, and accompanied by all necessary supporting documentation. Substitutions made prior to approval of this form will be considered defective work.

Reason for Proposed Substitution:

<input type="checkbox"/> Cost benefit	<input checked="" type="checkbox"/> Constructability benefit
<input checked="" type="checkbox"/> Schedule benefit	<input checked="" type="checkbox"/> Non-availability of Base Items

SUBJECT : Request for Material Substitution - for Chilled Water Valves

Scope of Substitution: Completed by Originator

- REMOVE: Find attached Annexure-I
- REPLACE WITH: Find attached Annexure-I

Attachments: Technical Submittal

Specification Reference: Completed by Originator

230523

Drawing Reference: Completed by Originator

All Chilled Water Drawing

Reason for Proposed Solution: Completed by Originator

Specified vendors and proposed vendor are not manufacturing valves with some of the specification mentioned in the project specification. Find attached Annexure-I for the list of deviation.


Impact on Project Cost: Completed by Originator

No impact

Impact on Project Schedule: Completed by Originator

No impact

Additional Supporting Information: Completed by Originator

Contractor Sign:  for JTC Date : 8th SEPT. 19

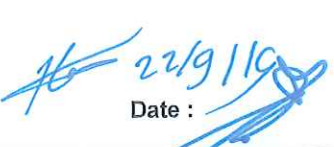
Name: MAMDOH MOHD.

Title: PROJECT MANAGER

Reviewed & Approved by: Completed by Construction Supervision Consultant (CSC)

Acceptable See Comments Below :-

Refer to the attached comments


CSC for CEG  Date : 22/9/19

Reviewed & Recommended by: Completed by Project Manager

Approved Variation Change Form VCF No. _____

Rejected

Comments: *Approved items 2 & 6 from Annexure 1.*

Project Manager  for MACE (Qatar) Date : 06/10/2019

Authorised by: Completed by Operator and Employer

Operator for ACS Schools Date :

Employer for Al Jaber Group Date :

MATERIAL SUBSTITUTION REQUEST FORM

ACS DOHA INTERNATIONAL SCHOOL		MSRF No.	2100/0044
Package	2100	MSRF Date Issued	5-Sep-2019
Contractor	AL JABER TRADING	Originator	M/S AL JABER ELECRO MECHANICAL
Contract Date	16-Oct-18		
Contract Price	217,838,915.11		

No Substitution will be considered without submission of this Substitution Request Form completed, signed, and accompanied by all necessary supporting documentation. Substitutions made prior to approval of this form will be considered defective work.

Reason for Proposed Substitution:

<input type="checkbox"/> Cost benefit	<input checked="" type="checkbox"/> Constructability benefit
<input checked="" type="checkbox"/> Schedule benefit	<input type="checkbox"/> Non-availability of Base Items

SUBJECT : Request for Material Substitution - Individual Valve Assembly for FCU to Valve Package Factory Assembled

Scope of Substitution: Completed by Originator

- REMOVE:** FCU Valves individual (Isolating valve, Bypass valve, Strainer, Drain valve, Air vent, Flexible connection & Insulation) and Site assembly
- REPLACE WITH:** FCU Valve Package Factory Assembled

Attachments: Technical Submittal

Specification Reference: Completed by Originator

230523

Drawing Reference: Completed by Originator

All Chilled Water Drawing

Reason for Proposed Solution: Completed by Originator

- The proposed valve package is factory assembled with professional jointing and more guaranteed.
- Mitigates the chilled water system activity.
- Easy for water balancing, flushing and future maintenance.

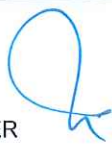
Impact on Project Cost: Completed by Originator

No impact

Impact on Project Schedule: Completed by Originator

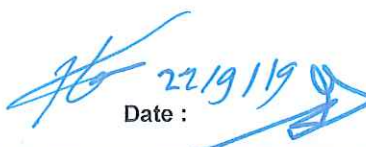
No impact

Additional Supporting Information: Completed by Originator

Contractor Sign:  for JTC Date: 8TH SEPT 19
 Name: MAMDOH MOHD.
 Title: PROJECT MANAGER

Reviewed & Approved by: Completed by Construction Supervision Consultant (CSC)


Acceptable See Comments Below :-
Refer to the attached comments.

CSC  for CEG Date: 22/9/19

Reviewed & Recommended by: Completed by Project Manager

Approved Variation Change Form VCF No. _____
 Rejected

Comments: *Item 1 from Annexure 1*

Project Manager  for MACE (Qatar) Date: 08/10/2019

Authorised by: Completed by Operator and Employer

Operator for ACS Schools Date : _____
 Employer for Al Jaber Group Date : _____

SI No	Request for Material Substitution	Remove	Replace With	Reason for Proposed Solution	Consultant Comments	Engineer Comments
1	ISOLATING GATE VALVE up to and including 50 mm	Locking Device	Without Locking device	The specified vendors & proposed vendor (M/s. HERZ) doesn't manufacture locking device for gate valve .		
2	ISOLATING GATE VALVE for 65 mm and above	Boss drill / Ductile iron	Without Boss drill / Cast iron	The specified vendors & proposed vendor (M/s. HERZ) doesn't manufacture boss drill and the raw material will be Cast iron .		
3	BALL VALVE 50mm and above	BALL VALVE 50mm and above	ISOLATING GATE VALVE 50mm and above	The specified vendors & proposed vendor (M/s. HERZ) doesn't manufacture ball valve 50 mm and above .		
4	Automatic Balancing valve	Cartridge type	Diaphragm Type	Cartridge type is an old system. All the specified & proposed manufacturer replaced by Diaphragm type		
5	Manual Balancing Valve	Ductile iron	Cast iron	The specified vendors & proposed vendor (M/s. HERZ) doesn't manufacture ductile iron valve.		
6	Automatic Balancing valve 65 mm and above	Ductile iron	Cast iron	The specified vendors & proposed vendor (M/s. HERZ) doesn't manufacture ductile iron valve.		
7	Automatic air vent	Gunmetal or Brass	DZR Copper alloy	The specified vendors & proposed vendor (M/s. HERZ) doesn't manufacture in gunmetal or brass.		
8	Strainer	Bronze	DZR Copper alloy	The specified vendors & proposed vendor (M/s. HERZ) doesn't manufacture in bronze.		