






DOCUMENT TRANSMITTAL SHEET


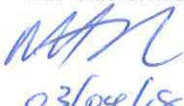

Received on 03-04-2018

AI REF: STP1/AI-LK/M/D-10092 Rev. 01	LAK REF: MT/ME - 033R1.	DATE: 10th Mar 2018
TO: La'ala Al-Kuwait Real Estate Co. K.S.C Project Site Office Sabah Al Ahmad Sea City Kuwait	SUBJECT : STP1: VALVES TECHNICAL SUBMITTAL	
Compliance Criteria / Contract References		
General Spec: Volume 2 , Div No. 3 SECTION 33 33 40, 33 33 41, 33 33 42, 33 33 44, 33 33 48, 33 33 50 & 33 33 53, 46 10 10,	Particular Spec: N/A	Dwgs: N/A
AI - Author  Sureshkumar Subburam		AI - Authorization  Khalaf Hassanin
		LAK Receipt Reference 

SL.	DWG/DOC.NO.	REV.	DESCRIPTION	LAK Code
1	VWG-AIM-PPLT-11045	01	Valves Technical Submittals	

LAK Comment

(This area is currently blank for comments.)

LAK - Author  03/04/18	LAK - Authorization  03/04/18	LAK - Review Code B*	REVIEW CODES: A. No comment B. Proceed, but note comments B* Proceed, but note comment & re-submit C. Revise and re-submit D. Rejected N. No Response Required
LAK Outgoing Ref: 	AI Received By:	AI Received Date:	

Sabah Al Ahmed Sea City Project - STP 1: Valves Technical Submittal - Review Comments

Technical Submittal ref.: VWG-A1M-PPLT-11045 Rev.0

Date: April 01, 2018

Sl. No.	Doc. No.	Clause Ref.	KEO Comment
1	VWG-A1M-PPLT-11045	Section 2 Compliance, Section 33 33 48 Check Valves, Clause 2.04, Item A-4	Contractor shall comply with specifications requirements.
2	VWG-A1M-PPLT-11045	Section 2 Compliance, Section 33 33 48 Check Valves, Clause 2.07, Item C	Contractor shall comply with specifications requirements.
3	VWG-A1M-PPLT-11045	Section 2 Compliance, Section 46 10 10	Provided compliance table is not clear. However, Contractor to confirm compliance with all specifications items
4	VWG-A1M-PPLT-11045	Section 2 Compliance, General	No compliance provided for pressure relief / regulating valves. Contractor to confirm it shall be part of this submission or it will be in separate material submission
5	VWG-A1M-PPLT-11045	Section 4, Data Sheet, General	Data sheets provided only for Butterfly Valves, Check Valves and Gate Valves. Data Sheets Shall be provided for all valves included under this material submittal. Also, provided data sheets is part of catalogues not specific data sheet for each valve type. Specific data sheet with full specifications shall be provided for all types of valves
6	VWG-A1M-PPLT-11045	Section 4, Data Sheet, Gate Valve	Provided data sheet is only up to diameter 400mm while we have gate valves with diameter 500mm. Contractor to update data sheet to include all diameters applied in the project.
7	VWG-A1M-PPLT-11045	Section 5, Valve List, Gate Valve	<ul style="list-style-type: none"> - Items 19 & 20 refer to 100mm gate valves for air release valves isolation at SBR feed discharge. These valves not in contract valve list. Contractor to confirm the need of these valves. - Items 21 to 26, Contractor to confirm the diameter 200mm as provided or 100mm as per contract documents. - Items 27 to 32, Contractor to confirm the diameter 250mm as provided or 200mm as per contract documents. - Items 62 & 63, Contractor to confirm the diameter 300mm as provided or 200mm as per contract documents. - Two 250mm dia. manual gate valves at irrigation pump station (A3.IRSP.00 PSV.01 & 02) mentioned in contract documents and missing from valve list. Contractor to clarify. - Two 100mm dia. manual gate valves at headworks (A3.HW.GV 01 & 02) mentioned in contract documents and missing from valve list. Contractor to clarify. - One 125mm dia. manual gate valve at headworks (A3.HW.GV 03 &) mentioned in contract documents and missing from valve list. Contractor to clarify.

Sabah Al Ahmed Sea City Project - STP 1: Valves Technical Submittal - Review Comments

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Sl. No.	Doc. No.	Clause Ref.	KEO Comment
8	VWG-A1M-PPLT-11045	Section 5, Valve List, Non Return Valves	<ul style="list-style-type: none"> - Items 71 & 76, Contractor to confirm the diameter 250mm as provided or 100mm as per contract documents. - Items 91 & 92, Contractor to confirm the diameter 200mm as provided or 250mm as per contract documents. - Items 93 & 98, Contractor to confirm the diameter 300mm as provided or 200mm as per contract documents. - Two 100mm dia. non return valves at headworks (A3.HW.CV 01 & 02) mentioned in contract documents and missing from valve list. Contractor to clarify.
9	VWG-A1M-PPLT-11045	Section 5, Valve List, Butterfly Valves	<ul style="list-style-type: none"> - Items 121 to 126, Contractor to confirm the diameter 350mm as provided or 250mm as per contract documents. - Items 129 to 131, Contractor to confirm the diameter 250mm as provided or 200mm as per contract documents.
10	VWG-A1M-PPLT-11045	Section 5, Valve List, Ball Valves & Solenoid Valves	Contractor to confirm that ball valves and solenoid valves will be provided as per contract documents and vendor packages requirements.
11	VWG-A1M-PPLT-11045	Section 5, Valve List, Air Release Valves	- Items 150 & 151 refer to 80mm air release valves at SBR feed discharge. These valves not in contract valve list. Contractor to confirm the need of these valves.
12	VWG-A1M-PPLT-11045	Section 5, Valve List, General	Pressure relief / regulating valves not included in valve list. Contractor to clarify
	ICA Comments		
13	VWG-A1M-PPLT-11045	Actuators - General	It is noted that the Contractor has used electrical Actuators from M/s Auma for Valves & M/s Rotork for Penstocks. KEO recommends that all actuators are from a single manufacturer. The Client shall take the final decision to accept the Contractor's proposal of having two different manufacturers.
14	VWG-A1M-PPLT-11045	Technical Literature	Included Actuator Technical Literature is generic in nature. Highlight the relevant options & features provided, specific to the Project.
15	VWG-A1M-PPLT-11045	Actuator Data Sheet	Project Specific Data Sheet for each Valve/Gate Actuator to be provided
16	VWG-A1M-PPLT-11045	Actuator Spare Parts List	Submit Manufacturer recommended Spare Parts list as specified.
17	VWG-A1M-PPLT-11045	Instruments - General	Are Pressure Gauges, Stem Thermometer & related accessories, part of this submittal or just included as part of the Company profile? If yes, compliance to relevant parts of the Project specifications has to be included and project specific data sheets to be attached.