Client: Al Meera

Project Name : Construction, Completion and Maintenance of the proposed Al Meera New Build Convenience Store at Rawdat Al Hamama - Schemes 2016

Project No : 1083-14

Form No : P07-F10a / Rev. 01 / Nov. 2012

Supervision Consultant:- Arab Engineering Bureau

Executive Cost Consultant: AECOM

Main Contractor: ITCC

REQUEST FOR ALTERNATIVE or REPLACEMENT MATERIALS (RAR)

RAR Ref. No.: ITCC/1083-14/AEB/MVAC/004 Rev.: 0

Date Requested : 9/4/2019

Date Required :

Trade / Discipline :

☐ - Civil ☐ - Architectural ☐ - Electrical ☐ - Information Tech. (IT)
☐ - Structural ■ - Mechanical ☐ - Plumbing / FF ☐ - Others

004

References:

a.) Specs. Ref. : Mechanical Specification ,Volume 3-20.2.00
b.) Drawing Ref. :
c.) BOQ Ref. :
c.) QCS 2010 Ref. : QCS 2014 Section 20 Part -2
d.) Standards Ref. :
e.) Others :

Reason for Request: ■ - Non-availability of Specified Material ☐ - Insufficient Available Quantity ☐ - Value Engineering ☐ - Time Saving ☐ - Cost Saving

Others : Supplier Change Only

Cost & Time Implecation:

A. Cost Saving ☐ YES ■ NO How much COST Savings due to proposed alternative? Qatari Riyal

B. Time Saving ■ YES ☐ NO How much TIME Savings due to proposed alternative? (days)

SN	Description	Specified AS PER Project Specification	Proposed Alternative / Replacement
1	Material Description	VALVES AND FITTINGS	VALVES AND FITTINGS
2	Manufacturer	PEGLAR	HERTZ
3	Country of Origin	UK	AUSTRIA / EUROPE
	Supplier / Agent		INNOVATION GATE TRADING CO.
	Quantity Required	As per work Schedule	As per work Schedule
6	Date Required at Site	As per work Schedule	25/4/19
7	Estimated Time Arrival (Site)	6-10 weeks	Exstock

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SN	COMPLIANCE CERTIFICATION	COMPLY	NOT COMPLY	REMARKS
1	Warranty / Guarantee is the same as per the specified product.			
2	Local (Qatar) maintenance services and replacement parts is available			
3	Proposed alternative does not affect dimensions & functional clerance			
7	Certificate of Non-Availability of the specified materials from the schedule of vendors is attached.			
8	Price quotations from three different sources for the proposed alternative is attached.			
4	Additional cost or time relative to the proposed alternative are deemed to be waived. Cost to other disciplines and/or Subcontractors shall be borne by the Main Contractor.			
5	Cost for changes in engineering design, detailing and relative construction cost including approvals from concerned authorities caused by the proposed alternative shall be fully the responsibility of the contractor and at no cost to the client.			
6	Coordination, installation, builder's work and other changes as necessitated with respect to the proposed alternative is complete in all respects.			
9	The contractor acknowledges that the acceptance of the proposed alternative does not waive his obligations to the client as detailed in the Conditions of Contract.			

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Prepared by: (Contractors Engineer)	Verified by: (MainCon QA/QC, QS or Proj. Coordinator)	Requested for Aproval by: (Contractor's PM)
Shanavas (Mechanical Engineer)	Shanavas (Mechanical Engineer)	Mr Md Hussein (Project Manager)
Name / Sign / Date	Name / Sign / Date	Name / Sign / Date

COMMENTS BY THE CONSULTANT

Mech'l: B - CHW PICV, Hook-up valve kit, Gate valve, Strainer from HERZ, AUSTRIA is acceptable as RAR proposed material with approval subject to the comments & site mock-up. Coordinate power rating.

1. Final acceptance/ approval subject to the successful T & C to achieved operating conditions and system functionality performance including interfacing with QCDD related reqts for the Fire/Life safety
2. Approval does not relieve the contractor accountability to rectify & provide all necessary quality material suitable to the project provisions for TAB works not limited to flowmeter, 3-way valve etc
3. Manufacturer reply for Warranty,spare parts,insulation block is applicable to follow QCS/specs for instl'n

☐ - A - Approved ☑ - B - Approved as Noted ☐ - C - Incomplete Data / Revise and Resubmit ☐ - D -Rejected / NOT Approved

Reviewed by: (AEB Senior Engineer)	Verified by: (AEB Resident Engineer)	Recommended for Client Endorsement by: (AEB PM)
Mr Mario (Sr Mechanical Consultant) 11/4/19	13.04.19	Mr Jett Irish De Guzman (Project Manager)
Name / Sign / Date	Name / Sign / Date	Name / Sign / Date

THE APPROVAL OF ANY ALTERNATIVE OR REPLACEMENT PRODUCT / METHOD SHALL BE SOLELY AT THE DISCRETION OF THE ENGINEER AND SUCH APPROVAL SHALL IN NO WAY RELIEVE THE CONTRACTOR OF ANY OF HIS LIABILITIES AND OBLIGATIONS UNDER THE GENERAL CONDITIONS OF CONTRACT CLAUSE 51 AND CLAUSE 56 (1) OR AS AMENDED TO SUIT PROJECT REQUIREMENTS. COST SAVING / VALUE ENGINEERING SHALL BE SUBMITTED AND AGREED WITHIN 14 DAYS FROM RECEIPT OF THIS APPROVAL BY ENGINEER, OTHERWISE IT SHALL BE FINALIZED UNILATERALLY BY THE ENGINEER.

Client Representative Comments:

Client Approval / Endorsement :

Name & Signature

Designation Date