



मंगलूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड

MANGALORE REFINERY & PETROCHEMICALS LTD.

(ऑयल एण्ड नेचुरल गैस कॉर्पोरेशन लिमिटेड की सहस्रिक कंपनी)

(A Subsidiary of Oil and Natural Gas Corporation Ltd.)

Corrigendum/Addendum

To

Tender No. 3000017428 dtd. 02.12.2020

Procurement of Triple offset butterfly ON-OFF valves for FSS service at PFCC as per tender specification

With reference to above Tender, Please find the attached Pre Bid clarifications as Annexure-1.

Note:

Bidders shall submit copy of this document along with techno-commercial bid, duly signed and stamped, as a token of having read and understood the same.

Bidder's Seal & Signature



**MANGALORE REFINERY & PETROCHEMICALS LTD.
MANGALORE**

Pre bid Minutes (Annexure-1)

Minutes of Pre-Bid Meeting for the Procurement of Triple offset butterfly ON-OFF valves for FSS service at PFCC as per tender specification

Queries raised by bidders during pre-bid meeting

SL No.	Requested Clarification/ Request for amendment	Existing MRPL Tender Specification	Reply from MRPL
1	Type of bonnet: Standard bonnet with high mounting provided to suit the media	Extended bonnet with heat sink	The D-VU type mounting of actuator is acceptable as per provided mounting installation drawing. The flanges shall have 8 bolts per flange as per ASME B16.5, 3" 300# valve.
2	Packing Material: Live loaded graphite packing (considering the temperature) is applicable, Low emission packing available from 4" onwards	Eco Seal	Acceptable
3	Body Bonnet Material: CF8M (SS 316)	SS316Ti	Existing valve material is SS316Ti, Deviation not acceptable
4	Trim Material: CF8M (SS 316)	SS316Ti	Existing valve material is SS316Ti, Deviation not acceptable
5	Seat Material: Nimonic 80A + Hcr	SS316Ti	Acceptable
6	Stem Material: Nimonic 80A	17-4PH	Acceptable
7	Die Penetrant Test: Being SS316 body DP test report will be submitted, MP will not be done	Not required	Acceptable
8	PWHT: Not applicable	Required	Acceptable
9	Magnetic Particle Test: Being SS316 body DP test report will be submitted, MP will not be done	Required	Acceptable
10	Foundry Certificate: MTC 3.1 certificate will be provided	Required	Acceptable
11	Hydraulic Test certificate: Not applicable	Required	Deviation not acceptable
12	Pressure test rating	As per API 598	1.5 times operating pressure
13	Stroke time to open close	less than 2 sec	Deviation not acceptable

14	Approved SOV list	Data/specification sheet provided	MRPL approved vendors: a) Mac b) Rotex c) Schrader-Schovill d) Asco e) SMC f) Nucon g) U.V. Int'l - Jefferson h) Camozzi i) Herion
15	Type of bonnet: Extended bracket type will be provided instead of heat sink	Extended bonnet with heat sink	Photo of installed valve provided for reference. Vendor to submit drawing for MRPL review.

