	PROJECT		Standby SRU & Additional Tanks IOCL Paradip Refinery		
	CLIENT		INDIAN OIL CORPORATION LIMITED		
DOCUMENTS FOR PMC/OWNER'S APPROVAL/ REVIEW/ RECORDS- PRECOMMISSIONING& COMMISSIONING	Project No. 080557C001	Document No. 080557C-000-NM-0093-501			Rev. No. 0 Page 1 of 5

DOCUMENTS FOR PMC/OWNER'S APPROVAL/ REVIEW/ RECORDS- PRECOMMISSIONING& COMMISSIONING

0	04/12/2019	ISSUED FOR BID	KMK	TNVS	TNVS	JMC
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED	AUTHORIZED

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1. Introduction:

INDIAN OIL CORPORATION LIMITED (IOCL) has awarded Fax of Acceptance (FOA) dated 29th August 2019 to M/s. Technip India Limited (TPIL) for Consultancy services (PMC/EPCM services) for overall project management, FEED Review / FEED, Detailed Engineering, Procurement & expediting services, Tendering & award, Construction Management & Supervision, Assistance in start-up, Commissioning & performance test runs for installation of a Standby SRU of 525 TPD capacity and execution of Additional tanks for Paradip Refinery, Odisha, India.

2. Definitions & Abbreviations

Abbreviation	Definition /Expanded form
IOCL/ CLIENT	Indian Oil Corporation Limited
PMC/ CONSULTANT	Technip India Limited
LICENSOR	Party selected by IOCL for process technology ownership for any UNIT
CONTRACTOR	Party whose services are obtained for performing the works specified as part of LSTK / packages.
EPCM	Engineering, Procurement & Construction Management Services.
LSTK	Lump Sum Turn Key portion of the work to be executed by CONTRACTOR
FEED	Front End Engineering Design
AUTHORISED REPRESENTATIVE	IOCL's/ CONSULTANT's representative authorized to act for and on behalf of them.
VENDOR	Any third party supplying the equipment/materials for setting up the Plant
PROJECT	Indicates Standby SRU and Additional tanks Project, Paradip Refinery
UNIT	Indicates any particular portion of the project to be built which can be Process related or Utilities/Offsites related
SRU	Sulphur Recovery Unit

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3. Introduction

This document details out various drawings and documents to be generated at various stages during execution of the Project by the LSTK Contractor for different project activities.

The LSTK Contractor shall ensure that all drawings and documents to be submitted by him to the Owner/ PMC shall be of professional quality and conforming to the contractual requirements. The LSTK Contractor also shall ensure to institute a formal drawing and document control system which will be documented and submitted to the Owner/PMC for review or approval.



Compliance of this document on drawings and documents is mandatory and is non-negotiable.

4. Bidder Data Requirements

CONTRACTOR shall be required to furnish the documents listed here below for Review/ Approval. PMC review shall be limited to listed in the below table and shall not expect PMC to volunteer any review if CONTRACTOR does furnish such documents by error or oversight. CONTRACTOR shall be fully responsible for adherence to engineering guidelines and Precommissioning & Commissioning specifications contained in the BID PACKAGE for executing the scope of Precommissioning and Commissioning work defined in the BID PACKAGE.

CONTRACTOR to note that the review/approval of the Commissioning documents is limited only for the revisions duly clouded and change list provided. The changes other than the above done by EPC CONTRACTOR due to any reason, if made, CONTRACTOR shall be responsible and liable to correct at any stage without any cost/time implication.

CONTRACTOR to note that review and approval by PMC does not absolve him of his responsibility of meeting the BID DOCUMENT requirements completely. In case any requirements get missed out, CONTRACTOR shall have to meet the same at any stage of the project, without any cost or schedule impact on the project.

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5. List of drawings & documents:

S.NO	DESCRIPTION	WITH BID	POST ORDER				REMARKS
			FOR APPROVAL	REVIEW/ COMMENTS	FOR INFORMATION	FINAL DOCUMENTS	
1	Operating Manual			Y(6)		Y (15)	
2	Analytical Manual			Y(6)		Y (8)	
3	Performance Test Procedures		Y (6)			Y (8)	
4	PC & C Responsibility Matrix	y	Y (6)				
5	PC & C Quality Control Plan	y		Y(6)			
6	PC & C HSE Plan	y		Y(6)			
7	Detailed subsystems Commissioning & Start up Sequence and Schedule			Y(6)			
8	PC & C Manual		Y(6)			Y(8)	
9	PC&C Organization Chart and manpower deployment				Y (6)		
10	Construction to PC internal Hand Over procedure			Y (6)			
11	Punch List Procedure				Y(6)		
12	Vendor & Licensor Requirements and plan	y			Y(6)		
13	List of Commissioning Spares	y		Y(6)		Y (8)	
14	Requirement of Chemicals and utilities for PC&C	y		Y (6)			
15	Effluent List during Commissioning & Start up	y		Y(6)		Y (8)	
16	Final Hand Over Procedure		Y(6)				

NOTES

- 1) "Y" denotes Applicability.
- 2) Post order, Document/Drawing review shall commence only after approval of Document Control Index (DCI).
- 3) All post order documents shall be submitted/Approved through Electronic Document Management system.
- 4) Final documentation shall be submitted in hard copies (number mentioned in the brackets above) and soft (two CD's) in addition to submission through Electronic Document Management system.
- 5) As-built documents shall be issued by CONTRACTOR for records only.

In addition to above documents, EPC contractor shall submit the documents listed by Licensor in BEDP for PMC/Licensor review.

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