



## FORM -I

### REPLIES TO PRE-BID QUERIES-Lot-2

<b>TO</b>		M/s. INDIAN OIL CORPORATION LTD				
<b>SUB</b>		PRE-BID QUERIES FOR RWTP, RO-DMP, CPU & ZLD PLANT for Panipat Refinery Expansion Project (P25) of M/s Indian Oil Corporation Limited (IOCL), India				
<b>WORK DETAILS</b>		RWTP, RO-DMP, CPU & ZLD PLANT for Panipat Refinery Expansion Project (P25) of M/s Indian Oil Corporation Limited (IOCL), India				
<b>TENDER NO.</b>		BIDDING DOCUMENT : SG/B269-475-PA-T-8701/23				
<b>NAME OF BIDDER</b>						
SR. NO	REFERENCE OF ENQUIRY DOCUMENT				BIDDER'S QUERY-dated-19-04-2022	EIL/IOCL REPLY
	PART/VOL.	PAGE NO.	CLAUSE NO.	SUBJECT		
<b>COMMERCIAL</b>						
1	PART-4, B269-00-475-19-41-0001 Rev 0	Page 14 of 24	15.0 CONSTRUCTION MANPOWER	CONSTRUCTION MANPOWER	With reference to the mentioned clause no. , kindly furnish the minimum no of manpower required for contruction purpose along with their qualification and experience details also requesting you to provide the Document No. 7-82-0003 for construction manpower as it is not enclosed with the tender.	Manpower requirement to be accessed by bidder and indicate the same in Form R (DEPLOYMENT SCHEDULE FOR SUPERVISORY PERSONNEL). and For Document No. 7-82-0003 (QUALIFICATION AND EXPERIENCE OF KEY SUPERVISORY PERSONNEL AND PENALTY FOR THEIR NON-MOBILISATION), please refer Annexure-A-VII to Special condition of contract.
2	Engineering Design Basis (Instrumentation) Doc. No. B269-999-16-51-EDB-1001 Rev No. 3	3062/7166	4.5.4	Type of Valve	As per Tender P&ID, we have considered on/off gate valves for size ranging from 1" to 20". We would like to follow this philosophy for valve selection as these valve are process isolation valves and not shutdown valves. Also referring to tender P&ID, Gate valves are shown for instrument isolation and in some places instrument isolation valves are missing, hence kindly confirm the type of valves used for instrument isolation.	FOR PROCESS AUTO ON-OFF VALVES EDB B269-999-16-51-EDB-1001 SHALL BE FOLLOWED. ISOLATION VALVE SHALL BE GATE TYPE. THE P&IDS GIVEN IN TENDER ARE INDICATIVE P&IDs. VENDOR TO FURTHER DEVELOP THESE P&IDs IN THE LINE WITH TENDER DOCUMENT REQUIREMENTS. INSTRUMENT ISOLATION VALVES SHALL BE PROVIDED BY THE BIDDER AS PER THE TENDER REQUIREMENT DURING DETAILED ENGINEERING.