

# **VENDOR DATA REQUIREMENT** **(PLOT PLAN & WATER DEPARTMENT)**

**PROJECT :** EFFLUENT TREATMENT PLANT AT TENGAKHAT,  
**ASSAM**  
**OWNER :** OIL INDIA LTD. (OIL)  
**PMC :** ENGINEERS INDIA LTD.  
**JOB NO.:** A843

1	12.09.2016	REISSUED FOR TENDER	SC	VS	PKG
0	29.04.2016	ISSUED FOR TENDER	DB	SC	VS/PKG
A	03.03.2016	ISSUED FOR INPUTS/ COMMENTS	DB	VS	PKG
Rev. No	Date	Purpose	Prepared by	Checked by	Approved by

## VENDOR DATA REQUIREMENT

The following drawing/documents marked “✓” shall be furnished by the vendor

S. No.	DOCUMENT / DRAWING / DATA SHEET	WITH BID	POST ORDER			REMARKS
			FOR REVIEW	FOR RECORD	WITH DATA BOOK (FINAL)	
1.	Unit sizing calculation including design basis & treated water quality		✓		✓	
2.	Treatment Philosophy & Process Write-up			✓	✓	
3.	Equipment list (incl. Type, Dimensions/capacity-head, MOC etc)			✓	✓	
4.	Instrumentation, Control and monitoring Philosophy			✓	✓	
5.	All Equipment / Unit Process data sheets (duly filled)		✓		✓	
6.	Process Flow Diagram			✓	✓	
7.	Design calculation for all the chemical consumption, utility requirement, Hydraulic (gravity main calculation & gravity drain network sizing calculation) and pressure drop calculations etc.,			✓	✓	
8.	P&ID with line sizes and valves including instrumentation with interlocks		✓		✓	
9.	Hydraulic Flow Diagram			✓	✓	
10.	Plant Layout drawing including unit/equipment locations, approach roads, Battery limit coordinates & elevation, etc.		✓		✓	
11.	Line schedule			✓	✓	
12.	Catalogues and Technical literature of all equipment			✓	✓	
13.	Process/mechanical GA drgs. of units, equipments, Buildings,, proprietary items, etc.,			✓	✓	
14.	Proprietary GA drawings/ Catalogs			✓	✓	
15.	Vendor list of sub ordered items.		✓		✓	
16.	Operation and Maintenance manual			✓	✓	
17.	PGTR protocol including sampling & analytical procedure		✓		✓	
18.	Technical Compliance Document (duly filled)	✓				
19.	Complete details of the type of mechanical de-oxygenation system proposed by the bidder (including dissolved oxygen at the outlet) shall be provided by the bidder along with details and PTR of back-up technology/know-how/design/system supplier for mechanical de-oxygenation system.	✓	✓		✓	

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## **NOTES**

1. "TICK" denotes applicability.
2. Post order, drawing / document review shall commence only after approval of Document Control Index (DCI).
3. All post order documents shall be submitted / approved through PMC eDMS portal.
4. Final documentation shall be submitted in hard copy (Six prints) and soft (two CDs/DVDs) in addition to submission through PMC eDMS.
5. All drawings & documents shall be submitted in A4 or A3 paper sizes. Documents in higher paper size shall be submitted in exceptional circumstances or as indicated in the Tender.
6. Post order- The schedule of drawing / data submission shall be mutually agreed between OWNER / PMC & the bidder / contractor / supplier during finalization of Document Control Index (DCI).
7. All drawings / documents / design submitted along with the offer shall be for bid purpose only. These shall be subject to modification/approval at the time of detailed engineering as per Tender requirements. Such changes shall not have any techno commercial implications.