

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan – 786602, Assam, India
Website: www.oil-india.com

Corrigendum No. 4 to IFB No. CPI8240P19

Engineering, Fabrication and supply of Modular Packages Contract (MPC) for OCS at Nadua and GGS at East Khagorijan in Dibrugarh District, Assam

1. This Corrigendum is issued to notify the following:

a) Extension of the Bid Closing/Technical Bid Opening date and date of sale of bid document as under:-

i) Bid Closing Date & Time : 16.08.2018, 11:00 hrs. IST.

ii) Technical Bid Opening Date & Time : 16.08.2018, 14:00 hrs. IST.

iii) Last Date & Time of Sale of Bid : 09.08.2018, 15:30 hrs. IST.

Document

b) The Legend sheet for the P & ID is attached herewith as **Annexure- I**

2. All other terms and conditions of the tender remain unaltered.

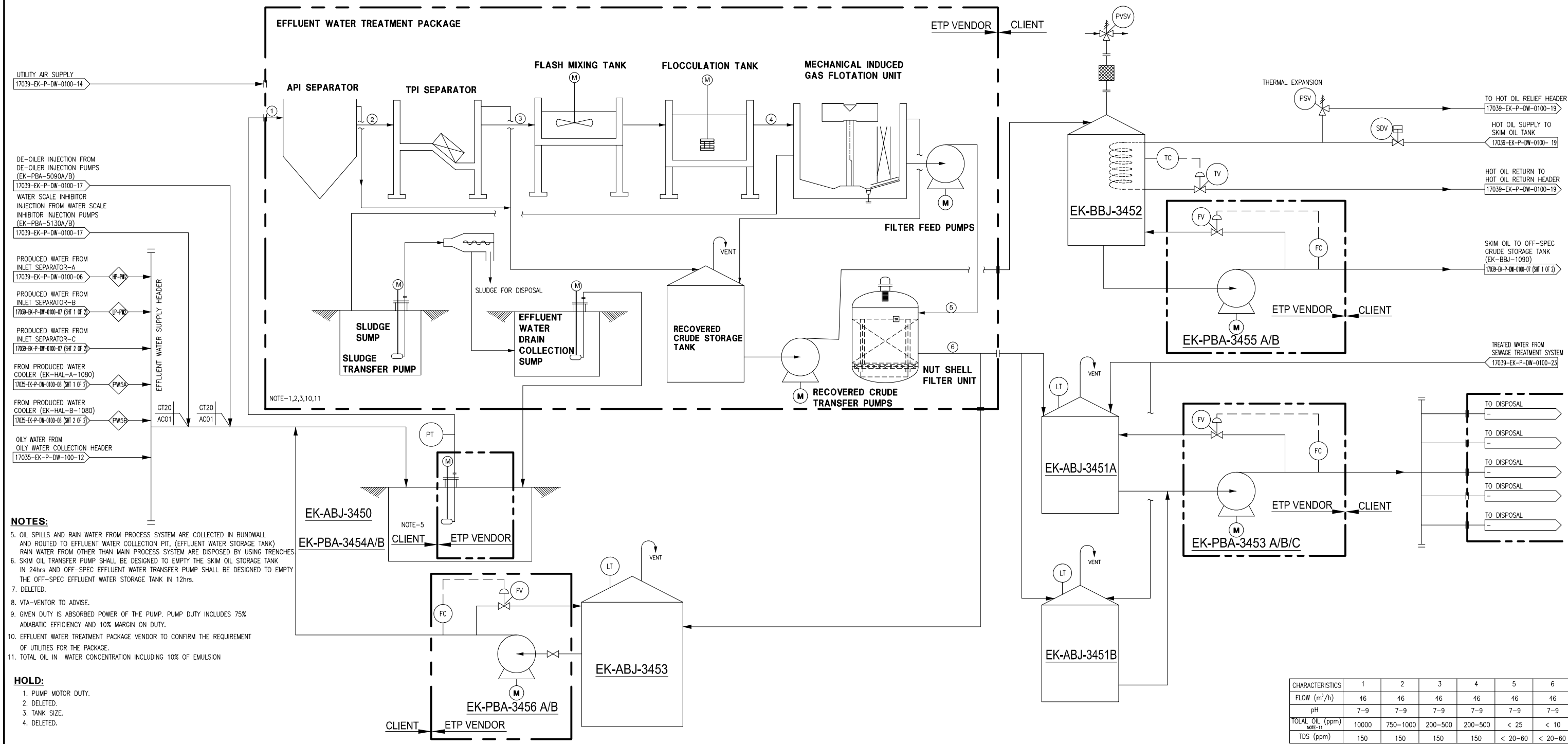
3. All the prospective bidders are requested to regularly visit OIL's website: www.oil-india.com and e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for further announcements/latest information related to this tender.

4. Bidder to submit this Corrigendum No. 04 along with **Annexure – I** duly signed & stamped in all pages as token of acceptance and shall upload this document in the un-priced folder of the e- bid.

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Annexure- I

TAG NUMBER	EK-EZZ-1340	EK-ABJ-3451A/B	EK-ABJ-3450	EK-BBJ-3452	EK-ABJ-3453	TAG NUMBER	EK-PBA-3453A/B/C	EK-PBA-3454A/B	EK-PBA-3455A/B	EK-PBA-3456A/B
DESCRIPTION	EFFLUENT WATER TREATMENT PACKAGE (1x100%)	CLARIFIED WATER STORAGE TANK (2x50%)	EFFLUENT WATER STORAGE TANK	SKIM OIL TANK	OFF-SPEC EFFLUENT WATER STORAGE TANK	DESCRIPTION	CLARIFIED WATER DISPOSAL PUMPS (3x50%)	EFFLUENT WATER TRANSFER PUMP (2x100%)	SKIM OIL TRANSFER PUMPS (2x100%)	OFF-SPEC EFFLUENT WATER TRANSFER PUMPS (2x100%)
TYPE	-	VERTICAL CONE ROOF	RECTANGULAR (UNDERGROUND)	VERTICAL CONE ROOF ATMOSPHERIC	VERTICAL CONE ROOF	TYPE	CENTRIFUGAL	CENTRIFUGAL,VERTICAL	CENTRIFUGAL	CENTRIFUGAL
SERVICE	EFFLUENT WATER	CLARIFIED WATER	EFFLUENT WATER	SKIM OIL	OFF-SPEC EFFLUENT WATER	SERVICE	CLARIFIED WATER	EFFLUENT WATER	SKIM OIL	OFF-SPEC EFFLUENT WATER
PRESSURE	DESIGN kg/cm ² g	VTA	FOW+0.07 kg/cm ²	FOW+0.07 kg/cm ²	FOW+0.07 kg/cm ²	DESIGN PRESSURE	kg/cm ² g	50	10	10
	OPERATING kg/cm ² g	VTA	ATM	ATM	ATM	DESIGN TEMPERATURE	°C	85	85	90
TEMPERATURE	DESIGN °C	85	85	85	90	OPERATING TEMPERATURE	°C	51	51	55
	OPERATING °C	51	51	51	55	DISCHARGE PRESSURE	kg/cm ² g	35	5	5
DESIGN CAPACITY	m ³ /hr/KLPD	46/1108	554 KL	1108 KL	150 KL	DIFFERENTIAL PRESSURE	kg/cm ²	35	5	5
DIMENSION	mm	VTA	8100 (I/D) x 12000(H) (HOLD-3)	20000 (L) x 18000(W) x 4000(H) (HOLD-3)	5500 (I/D) x 8000(H) (HOLD-3)	DESIGN CAPACITY	m ³ /hr/KLPD	46/1108 (EACH)	46/1108	150
DESIGN CODE	VTA	API 650	-	API 650, OISD 108	API 650	ABSORBED POWER	kw	66 (NOTE-9) (EACH)	9.23 (NOTE-9)	1.25 (NOTE-6)
MATERIAL OF CONSTRUCTION	VTA	CS +3mm CA	RCC	CS +3mm CA; HEATING COIL: SS316	CS +3mm CA	MOTOR DUTY	kw	-	11 (HOLD-1)	- (HOLD-1)
						DESIGN CODE	API-610	API-610	API-610	API-610
						MATERIAL OF CONSTRUCTION	CASING : CS +3mm CA, INTERNAL: SS316	CASING : CS +3mm CA, INTERNAL: SS316	CASING : CS +3mm CA, INTERNAL: SS316	CASING : CS +3mm CA, INTERNAL: SS316



CHARACTERISTICS	1	2	3	4	5	6
FLOW (m ³ /h)	46	46	46	46	46	46
pH	7-9	7-9	7-9	7-9	7-9	7-9
TOTAL OIL (ppm)	10000	750-1000	200-500	200-500	< 25	< 10
TDS (ppm)	150	150	150	150	< 20-60	< 20-60

NOTES:

- EFFLUENT WATER TREATMENT PACKAGE VENDOR TO FINALIZE THE FLOW SCHEME WITH IN THE PACKAGE AS PER INLET EFFLUENT WATER AND OUTLET TREATED WATER SPECIFICATION.
- EFFLUENT WATER TREATMENT PACKAGE INLET PARAMETERS:-

OIL IN WATER	10000 PPM (NOTE-11)
pH	7-9
TSS	UP TO 150 PPM
SOD	10 ⁷ TO 10 ⁸ CFU/ML
INLET TEMPERATURE	51°C

3. AS PER POLLUTION CENTRAL BOARD(CPCB),EFFLUENT WATER DISCHARGE SHALL MEET THE BELOW AS MINIMUM.

- OIL IN WATER : < 10 PPM
- SLUDGE CONTENT : MINIMUM
- pH : 7 TO 9
- TSS : 100 PPM

REV	DATE	DESCRIPTION	DRAWN	CHK.	APPR.
B	18 JUL 18	ISSUED FOR BID	DAM	PSN/TKV	MSB/MSR
A	28 NOV 17	ISSUED FOR REVIEW	DAM	PSN/TKV	MSB/MSR

COMPANY:

Oil India Limited

EPCM CONSULTANT:

KAVIN™

PROJECT : CREATION OF SURFACE PRODUCTION FACILITIES (OCS & GGS) AT NADUA & EAST KHAGORIJAN

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TITLE : UTILITY FLOW DIAGRAM
EFFLUENT WATER TREATMENT SYSTEM

PROJECT NO.: KIP-17039
DRAWING NO.: 17039-EK-P-DW-0100-11

PROJECT SITE: EAST KHAGORIJAN
REV: B
SHEET : 1 OF 1
SCALE : NTS