

**OIL INDIA LIMITED**  
**RAJASTHAN FIELD**  
**JODHPUR**

**AMENDMENT No. 1 DATED 31.05.2022**  
**To GEM BID NO. GEM/2022/B/2165828**

A. This amendment against Tender No. GEM/2022/B/2165828 is issued as under:

<b>Sl. No.</b>	<b>Page No/Clause No</b>	<b>Existing Clause</b>	<b>Amended Clause</b>
1	Note no. (vi) in Proforma-B (Price Bid Format)	New Clause	(vi) For Sl.No.1 (Visual inspection) the quantity mentioned above specifies the number of equipment/vessels. The remaining items in SOR (Sl.no. 2 to Sl.no.7) the quantity specifies the number of joints to be inspected. Bidders to submit their prices accordingly.
2	Note no. (vii) in Proforma-B (Price Bid Format)	New Clause	(vii) Long range ultrasonic guided wave technology should be deployed to assess metal loss in inaccessible parts/location not covered by conventional technique of ultrasonic thickness measurement. For quotation it is to be assumed that the number of joints for LRUT as 20% of the quantity of items.

B. Revised Proforma-B is uploaded along with this corrigendum. Bidder to fill up the same and submit the same as per instructions in the tender document.


C. List of Equipment (Annexure-I) is also attached herewith. Bidder to take note of the same while bidding.

D. All other terms & Conditions remain unchanged.

\*\*\*\*

**REVISED PROFORMA-B****PRICE BID FORMAT****CURRENCY :INR (Indian Rupees)**

<b>Srl. No.</b>	<b>Brief Description of Services</b>	<b>Unit</b>	<b>Quantity (a)</b>	<b>Unit Rate (INR) (b)</b>	<b>Amount (INR) (c)=(a) X (b)</b>
1	Visual Inspection	No.	15		
2	Ultrasonic Test	No.	8000		
3	Wet FMP inspection	No.	8000		
4	Ultrasonic Flaw Test	No.	200		
5	Radiographic Test below 89 mm NB pipe	No.	500		
6	Radiographic Test 89-150 mm NB pipe	No.	1000		
7	Radiographic test above 150 mm NB pipe	No.	1000		
8	Final report Preparation	No.	1		
<b>Total Estimated Contract Value Exclusive of GST (Sum Total of all above)</b>					
<b>GST @ _____ %</b>					
<b>Total Estimated Contract Value Inclusive of GST (Sum Total of all above)</b>					



This value is to be entered against the “OFFER PRICE” field in the GeM portal. Bidders to refer Clause 3.0 of ITB for details

**NOTES:-**

- (i) The items referred in the format are to be read in conjunction with Document 5 (Scope of Work).
- (ii) The Bids in which the rates for any part of the work are not quoted shall be rejected. However, if no charge is involved for any of the work, ‘**NIL/Free of Charge**’ should be mentioned against such part of work.
- (iii) The quantities indicated above are tentative requirement and considered for evaluation purpose of bids/estimation of total contract value only. Payment shall, however, be made at actual use against which the units rates have been asked for. No charges other than indicated above are payable.
- (iv) The bidders must enter an all-inclusive price (including GST) against the “**OFFER PRICE**” field while creating their response against the tender in GeM portal. Computation of the above-mentioned all inclusive price must be done as per the Price Bid Format enclosed along with the BOQ. The duly filled Price Bid Format indicating

the Unit Rates and GST rate in the provided space, shall have to be furnished by the successful bidder to the buyer, **only after the price bid opening.**

**Note:** The breakup of the quoted / offered price, as per the prescribed **Price Bid Format MUST NOT be uploaded with the technical bid**; otherwise the bid shall be rejected straightway.

- (v) Bid evaluation will be carried out based on the total estimated contract value inclusive of GST.
- (v) For Sl.No.1 (Visual inspection) the quantity mentioned above specifies the number of equipment/vessels. The remaining items in SOR (Sl.no. 2 to Sl.no.7) the quantity specifies the number of joints to be inspected. Bidders to submit their prices accordingly.
- (vi) Long range ultrasonic guided wave technology should be deployed to assess metal loss in inaccessible parts/location not covered by conventional technique of ultrasonic thickness measurement. For quotation it is to be assumed that the number of joints for LRUT as 20% of the quantity of items.

**Authorized Person's Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Seal of the Bidder:**

The details of the equipment for NDT assessment are as follows:

1	V-105	MP FLASH DRUM	
	S. V. TANK & VESSEL Ltd.		
	DESIGN BY:	TRUINE PROJECTS Pvt. Ltd.	
	MANUFACTURED FOR:	OIL INDIA.	
	ITEM No.:	V-105	
	MANUFACTURER Sr. No.:	P - 1293	
	YEAR OF FABRICATION:	1996	
	CODES:	Sec. VIII Div. 1 1995	
	INSPECTED BY:	QUEST	CERTIFICATE No. : 960601
	DESIGN Pr.:	14 Kg/cm2	HYDROTEST Pr. 21 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST: 04.06.1996
	CAPACITY:	0.85 M3	CORROSION ALLO.: 3
	OPERATING FLUID:	HC	RADIOGRAPHY: SPOT / FULL
	TOTAL Wt. EMPTY:	1250 Kgs	HEAT TREATMENT: FORD / END

2	V-106	LP FLASH DRUM	
	S. V. TANK & VESSEL Ltd.		
	DESIGN BY:	TRUINE PROJECTS Pvt. Ltd.	
	MANUFACTURED FOR:	OIL INDIA.	
	ITEM No.:	V-106	
	MANUFACTURER Sr. No.:	P - 1294	
	YEAR OF FABRICATION:	1996	
	CODES:	Sec. VIII Div. 1 1995	
	INSPECTED BY:	QUEST	CERTIFICATE No. :
	DESIGN Pr.:	1.5 Kg/cm2	HYDROTEST Pr. 5.25 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:
	CAPACITY:	0.27 M3	CORROSION ALLO.: 3
	OPERATING FLUID:	HC	RADIOGRAPHY: SPOT / FULL
	TOTAL Wt. EMPTY:	530 Kgs	HEAT TREATMENT: FORD / END

3	V-202	GLYCOL CONTACTOR	
	Manufactured & Certified by:	THERMODESIGN ENGG. Ltd. CANADA.	
	ITEM No.:	V-202	
	CR. No.:	N - 0852 . 2	Sr. No.: 1296
	MAWP :	650 Psig	At 150 F
	MANUFACTURED:	1995	Corr. Allow: 0.125 in
	DIA. :	60 in	LENGTH: 25 S / S
	CAPACITY:	485.3 ft3	Weight: 28155 Lbs
	MATERIAL:	SA - 516 - 70N	
	THICKNESS:	1.25 in	HEAD THICK. : 1.345 in

4	V-203	GLYCOL SCRUBBER		
	Manufactured & Certified by:	THERMODESIGN ENGG. Ltd. CANADA.		
	ITEM No.:	V-202		
	CR. No.:	N - 0853 . 2	Sr. No.:	1297
	MAWP :	640 Psig At 150 F	MDMT:	-20 F at 640 psig
	MANUFACTURED:	1995	Corr. Allow:	0.125 in
	DIA. :	40 in OD	LENGTH:	7.0 S / S
	CAPACITY:	78.4 ft3	Weight:	7446 Lbs
	SHELL MATERIAL:	SA - 516 - 70N	DRW. No. 9044-0.350-010A / B	
	SHELL THICKNESS:	1.0 in	HEAD THICK. :	0.967 in

5	E - 201	GLYCOL HEAT EXCHANGER		
	Manufactured & Certified by:	THERMODESIGN ENGG. Ltd. CANADA.		
	ITEM No.:	E - 201	DRW. No. 9044-0.350-009	
	CR. No.:	N - 0855 . 2	Sr. No.:	1301
	MAWP :	640 Psig At 150 F	MDMT:	-20 F at 640 psig
	MANUFACTURED:	1995	Corr. Allow:	0.125 in
	DIA. :	16 in OD	LENGTH:	10.0 S / S
	CAPACITY:	11.47 ft3	Weight:	2780 Lbs
	SHELL MATERIAL:	SA -506 -B / SA-105N	Tube Sheet:	SA-516-70N
	SHELL THICKNESS:	0.656 in	HEAD :	300RFWN
	TUBE THICK :	1.750 in	COIL THICK:	14 BWG

6	H-201 / V-205	GLYCOL REGENERATOR		
	Manufactured & Certified by:	THERMODESIGN ENGG. Ltd. CANADA.		
	ITEM No.:	H-201 / V-205	DRW. No. 9044-0.350-014A / B	
	CR. No.:		Sr. No.:	1300
	MAWP :	14.5 Psig At 425 F	MDMT:	-20 F at 14.5 psig
	MANUFACTURED:	1995	Corr. Allow:	0.125 in
	DIA. :	30 in OD	LENGTH:	15 S / S
	CAPACITY:	128 ft3	Weight:	6625 Lbs
	SHELL MATERIAL:	SA - 516 - 70N	HEAD MATRL:	SA - 516 - 70N
	SHELL THICKNESS:	0.375 in	HEAD THICK. :	0.375 in

7	F-201 A / B	GLYCOL FILTER		
	Manufactured & Certified by:	THERMODESIGN ENGG. Ltd. CANADA.		
	ITEM No.:	H-201 / V-205	DRW. No. 9044-0.350-012	
	CR. No.:	N-0851 . 2	Sr. No.:	1295 A/B
	MAWP :	150 Psig At 150 F	MDMT:	-20 F at 150 psig
	MANUFACTURED:	1995	Corr. Allow:	0.125 in
	DIA. :	6.125 in OD	LENGTH:	4 S / S
	CAPACITY:	0.8 ft3	Weight:	215 Lbs
	SHELL MATERIAL:	SA - 106 B	HEAD MATRL:	SA - 105

	SHELL THICKNESS:	0.280 in	HEAD THICK. :	0.245 in
--	------------------	----------	---------------	----------

8	V -204	GLYCOL FLASH TANK		
	Manufactured & Certified by:	THERMODESIGN ENGG. Ltd. CANADA.		
	ITEM No.:	V-204	DRW. No. 9044-0.350-011	
	CR. No.:	N-0854 . 2	Sr. No.:	1298
	MAWP :	150 Psig At 150 F	MDMT:	-20 F at 150 psig
	MANUFACTURED:	1995	Corr. Allow:	0.125 in
	DIA. :	30 in OD	LENGTH:	7.0 S / S
	CAPACITY:	36 ft3	Weight:	2255 Lbs
	SHELL MATERIAL:	SA - 516-70	HEAD MATRL:	SA - 516-70
	SHELL THICKNESS:	0.375 in	HEAD THICK. :	0.345 in

9	2 Phase Sep	NEW SEPARATOR (Horizontal)		
	BGR ENERGY SYSTEM Ltd.	CHENNAI		
	DESIGN BY:	BGR Energy System Ltd. Chennai		
	MANUFACTURED FOR:	OIL INDIA, JODHPUR..		
	COLLABORATOR:	CDS Engg. BV Internals.		
	MANUFACTURER Sr. No.:	OGED / 532 - 01		
	YEAR OF FABRICATION:	2008		
	CODES:	ASME Sec. VIII Div. 1 2000		
	INSPECTED BY:	Bureau Veritas	CERTIFICATE No. :	
	DESIGN Pr.:	53 Kg/cm2	HYDROTEST Pr.	68.9 Kg/cm2
	DESIGN Temp.:	100 C	DATE OF TEST:	11.10.2008
	CAPACITY:		CORROSION ALLO.:	0
	OPERATING FLUID:	HC gas + Oil + Water	RADIOGRAPHY:	100%
	TOTAL Wt. EMPTY:	14000 Kgs	HEAT TREATMENT:	NIL

10	V-108	INSTRUMENT GAS RECEIVER		
	DESIGN BY:	TRUINE PROJECTS Pvt. Ltd.		
	MANUFACTURED FOR:	OIL INDIA.		
	ITEM No.:	V-108		
	MANUFACTURER Sr. No.:	P - 1295		
	YEAR OF FABRICATION:	1996		
	CODES:	ASME Sec. VIII Div. 1 1995		
	INSPECTED BY:	QUEST	CERTIFICATE No. :	960502
	DESIGN Pr.:	9.0 Kg/cm2	HYDROTEST Pr.	13.5 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	5.5.1996
	CAPACITY:	4.03 M3	CORROSION ALLO.:	3.0 mm
	OPERATING FLUID:	NATURAL GAS	RADIOGRAPHY:	100
	TOTAL Wt. EMPTY:	2000 Kgs	HEAT TREATMENT:	0

11	V-102	DND TEST SEPARATOR		
	DESIGN BY:			
	MANUFACTURED FOR:	OIL INDIA.		
	ITEM No.:	V-102		
	MANUFACTURER Sr. No.:	23595		
	YEAR OF FABRICATION:	1996		
	CODES:	ASME Sec. VIII Div. 1	1995	
	INSPECTED BY:		CERTIFICATE No. :	
	DESIGN Pr.:	69 Kg/cm2	HYDROTEST Pr.	106 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	
	CAPACITY:		CORROSION ALLO.:	
	OPERATING FLUID:	HC	RADIOGRAPHY:	
	TOTAL Wt. EMPTY:		HEAT TREATMENT:	

12	V-104	DND PRODUCTION SEPARATOR		
	DESIGN BY:			
	MANUFACTURED FOR:	OIL INDIA.		
	ITEM No.:	V-104		
	MANUFACTURER Sr. No.:	23583		
	YEAR OF FABRICATION:	1996		
	CODES:	ASME Sec. VIII Div. 1	1995	
	INSPECTED BY:		CERTIFICATE No. :	
	DESIGN Pr.:	60 Kg/cm2 (MAWP)	HYDROTEST Pr.	89 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	
	CAPACITY:	223 m3	CORROSION ALLO.:	SS
	OPERATING FLUID:	HC	RADIOGRAPHY:	RT2
	TOTAL Wt. EMPTY:		Dimension	1000mm ID; 2500 TT;

13		FLARE SEAL POT		
	DESIGN BY:	ADOR SAMIA LIMITED		
	MANUFACTURED FOR:	OIL INDIA.		
	ITEM No.:	WS / 046 / 03		
	MANUFACTURER Sr. No.:	F046-96-03		
	YEAR OF FABRICATION:	1996		
	CODES:	ASME Sec. VIII Div. 1	1995	
	INSPECTED BY:	DNV	CERTIFICATE No. :	
	DESIGN Pr.:	2 Kg/cm2	HYDROTEST Pr.	3 Kg/cm2
	DESIGN Temp.:	100 C	DATE OF TEST:	4.10.1996
	CAPACITY:	5 M3	CORROSION ALLO.:	3.0 mm
	OPERATING FLUID:	HC / WATER	RADIOGRAPHY:	10%
	TOTAL Wt. EMPTY:	2351 KG	HEAT TREATMENT:	

14	V-103	TOT PRODUCTION SEPARATOR		
	DESIGN BY:			
	MANUFACTURED FOR:	OIL INDIA.		
	ITEM No.:	V-103		
	MANUFACTURER Sr. No.:	23588		
	YEAR OF FABRICATION:	1996		
	CODES:	ASME Sec. VIII Div. 1	1995	
	INSPECTED BY:		CERTIFICATE No. :	
	DESIGN Pr.:	44 Kg/cm2	HYDROTEST Pr.	67 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	
	CAPACITY:		CORROSION ALLO.:	3.0 mm
	OPERATING FLUID:	HC	RADIOGRAPHY:	
	TOTAL Wt. EMPTY:		HEAT TREATMENT:	

15	V-101	TOT TEST SEPARATOR		
	DESIGN BY:	TRIUNE PROJECT PVT. LTD.		
	MANUFACTURED FOR:	OIL INDIA.		
	ITEM No.:	V-101		
	MANUFACTURER Sr. No.:	P-1299		
	YEAR OF FABRICATION:	1996		
	CODES:	ASME Sec. VIII Div. 1	1995	
	INSPECTED BY:	QUEST	CERTIFICATE No. :	960602
	DESIGN Pr.:	65 Kg/cm2	HYDROTEST Pr.	104 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	4.6.1996
	CAPACITY:	0.33M3	CORROSION ALLO.:	3.0 mm
	OPERATING FLUID:	HC	RADIOGRAPHY:	100%
	TOTAL Wt. EMPTY:	1500Kg	HEAT TREATMENT:	Ford / End

16	V-109	TOT INSTT. GAS RECEIVER		
	DESIGN BY:	PUNJ LLOYDS LTD.		
	MANUFACTURED FOR:	OIL INDIA.		
	ITEM No.:	V-109		
	MANUFACTURER Sr. No.:			
	YEAR OF FABRICATION:	1997		
	CODES:			
	INSPECTED BY:		CERTIFICATE No. :	
	DESIGN Pr.:	90 Kg/cm2	HYDROTEST Pr.	135 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	
	CAPACITY:	0.72M3	CORROSION ALLO.:	3.0 mm
	OPERATING FLUID:	NATURAL GAS	RADIOGRAPHY:	100%
	TOTAL Wt. EMPTY:	721Kg	HEAT TREATMENT:	



17	GF-101 A / B	CTM GAS FILTER		
	DESIGN BY:	MULTITEX		
	MANUFACTURED FOR:	PUNJ LLOYDS		
	ITEM No.:	GF - 101 A / B		
	MANUFACTURER Sr. No.:	762 / 763		
	YEAR OF FABRICATION:	1996		
	CODES:			
	INSPECTED BY:		CERTIFICATE No. :	
	DESIGN Pr.:	45 Kg/cm2	HYDROTEST Pr.	67.5 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	
	CAPACITY:		CORROSION ALLO.:	
	OPERATING FLUID:	HC	RADIOGRAPHY:	Spot 10%
	TOTAL Wt. EMPTY:	525 Kg	HEAT TREATMENT:	

18	F - 202	CHARCOAL FILTER		
	Manufactured & Certified by:	THERMODESIGN ENGG. Ltd. CANADA.		
	ITEM No.:	F-202	DRW. No. 9044-0.350-009	
	CR. No.:	N - 0856 . 2	Sr. No.:	1299
	MAWP :	150 Psig At 150 F	MDMT:	-20 F at 150 psig
	MANUFACTURED:	1995	Corr. Allow:	0.125 in
	DIA. :	16 in OD	LENGTH:	3 - 11 S / F
	CAPACITY:	5.15 ft3	Weight:	731 Lbs
	SHELL MATERIAL:	SA -106 -B	HEAD:	SA-105 SA-234WPB
	SHELL THICKNESS:	0.375 in	HEAD :	150 BLD Flng 0.328 in
	DRWG No.	9044-0350-013		

19	F-101 A / B	INSTT. GAS FILTER		
	DESIGN BY:	MULTITEX		
	MANUFACTURED FOR:	PUNJ LLOYDS		
	ITEM No.:	F - 101 A / B		
	MANUFACTURER Sr. No.:	712 / 713		
	YEAR OF FABRICATION:	1996		
	CODES:			
	INSPECTED BY:		CERTIFICATE No. :	
	DESIGN Pr.:	10 Kg/cm2	HYDROTEST Pr.	15 Kg/cm2
	DESIGN Temp.:	65 C	DATE OF TEST:	19.03.1996
	CAPACITY:		CORROSION ALLO.:	
	OPERATING FLUID:	HC	RADIOGRAPHY:	100%
	TOTAL Wt. EMPTY:	80 Kg	HEAT TREATMENT:	

20. All the manifolds along with allied pipings, fittings and valves connecting the above vessel/ equipment in the process area.