

**OIL INDIA LIMITED
RAJASTHAN PROJECT**

1.0 The Tender No. CJG8146P16 has been amended to CJG8449P16. Bidders are advised to quote against the tender CJG8449P16 in the e-tender portal

2.0 AMENDMENT NO. 1 DTD 05.09.2015 TO THE TENDER DOCUMENT CJG8449P16:

A. The amendment to tender documents and additions of new clauses has been done as per the following table.

Sl No.	Part/Section	Clause No	Existing Description	New Clause/ Amended Description
1	PART-2, SECTION-I (BRC/BEC) PART-2, SECTION-I (BRC/BEC) PART-2, SECTION-I (BRC/BEC)	Clause No. 1.5 Page 20	MOBILIZATION SCHEDULE	As given in Para B. below
		New Clause No. 5.3, Page 23		Price Bids of only the technically qualified bidders will be opened on a predetermined date and the same will be evaluated taking in to account the sum total cost of all components quoted by the bidders as per Price Bid Format (PROFORMA – II) and the contract will be awarded to the lowest evaluated bidder.
2		Clause No. 6.0, Page 23	Granting of Price Preference to Domestic Bidders (applicable to ICB tenders only)	Stands Deleted
3		Proforma-II, Price Bid Format, Page 25 to 28		The Price Bid Format has been modified and accordingly incorporated in the tender documents & uploaded in Notes and Attachment tab
4	PART-3, SECTION-II (SPECIAL	Clause No. 5.12, Page 55	Inter location movement (ILM) of tools / equipment / accessories from first location to subsequent locations (at East Godavari	Inter location movement (ILM) of tools / equipment / accessories from first location to subsequent locations shall be the responsibility

Sl No.	Part/Section	Clause No	Existing Description	New Clause/ Amended Description
	TERMS AND CONDITION)		District, Andhra Pradesh, India) shall be the responsibility of the Contractor.	of the Contractor.
5	PART-3, SECTION-II (SPECIAL TERMS AND CONDITION) PART-3, SECTION-IV (TERMS OF REFERENCE AND TECHNICAL SCOPE OF WORKS)	Clause No. 5.13, Page 55	The Contractor to demobilize all tools/equipment/accessories after completion of jobs at the fourth location (at KG-Basin, Andhra Pradesh) on receipt of Demobilization notice from the Company.	The Contractor to demobilize all tools/equipment/accessories after completion of jobs at the last location on receipt of Demobilization notice from the Company.
6		Clause No. 1.3.5, Page 79	NOTE: Barite of API / BIS specifications (min 4.15 sp.gr) shall be supplied by the contractor. It is mandatory that the mercury and cadmium contents of barites should be less than 1mg/kg and 3mg/kg respectively. Barite failing to meet this standard will not be accepted.	NOTE: Barite of API / BIS specifications (min 4.10 sp.gr) shall be supplied by the contractor. It is mandatory that the mercury and cadmium contents of barites should be less than 1mg/kg and 3mg/kg respectively. Barite failing to meet this standard will not be accepted.
7		Table-1C(a), Page 82	In column no. 4: Before Hot rollIn column no. 5: After Hot Roll at 180F	In column no. 4: Before Hot roll at 120 °F In column no. 5: After Hot Roll at 220 °F
8		Table-1C(b), Page 83	In column no. 4: Before Hot roll In column no. 5: After Hot Roll at 180F	In column no. 4: Before Hot roll at 120 °F In column no. 5: After Hot Roll at 220 °F
9		Table 2, SI No. 7, name of chemical, Page 84	CL	Causticised Lignite
10		Table 2, SI No. 11, name of chemical, Page 84	Asphasol	Asphasol/ Sulphonated asphalt or equivalent
11		Table 2, Note, Page 85	Note: Barytes: Barytes of API/BIS specifications (min 4.15 sp.gr) shall be supplied by the contractor. It is mandatory that the mercury and cadmium contents of barites should be less than 1mg/kg and	Note: Barytes: Barytes of API/BIS specifications (min 4.10 sp.gr) shall be supplied by the contractor. It is mandatory that the mercury and cadmium contents of barites should be less than 1mg/kg and 3mg/kg respectively. Barite

Sl No.	Part/Section	Clause No	Existing Description	New Clause/ Amended Description
			3mg/kg respectively. Barite failing to this standard will not be accepted.	failing to this standard will not be accepted.
12	PART-3, SECTION-IV (TERMS OF REFERENCE AND TECHNICAL SCOPE OF WORKS)	Clause No. 2.3.1, Last Para, Page 88	Bidder to submit a test report of his laboratory indicating the specifications of untreated water as well as treated water along with the dosages of chemicals required to arrive at the water quality prescribed by state pollution control board (Annexure-4, Section-IV).	Bidder to submit a test report of their laboratory indicating the specifications of untreated water as well as treated water along with the ranges of dosages of chemicals required to arrive at the water quality prescribed by state pollution control board (Annexure-4, Section-IV).
13		Annexure-3, Unit-2, VI Page 92	Dual pod filter unit. Each pod can utilize 63 absolute cartridge filters or Oil Clog Cartridges for solids or oil removal. This unit is to be provided as a final “polishing” filter.	Dual pod filter unit. Each pod can utilize 63 absolute cartridge filters or Oil Clog Cartridges for solids or oil removal. This unit is to be provided as a final “polishing” filter. The Minimum processing rate of the Dual Pod Filter Unit should be 50-75KLPD.
14		Clause 4.0 (a) Page 96	All tools/ equipment / accessories / consumables shall be mobilized to first designated location in Jaisalmer District, Rajasthan, India. The equipment will be installed and made operational for carrying out assigned jobs.	All tools/equipment/accessories /consumables shall be mobilized to first designated location. The equipment will be installed and made operational for carrying out assigned jobs.
15		Clause 4.0 (b) Page 96	Entire set-up will be dismantled at the first well at the end of operation there	Deleted
16		Clause 4.0 (c) Page 96	Inter location movement (ILM) of tools / equipment / accessories from first location to subsequent locations (at East Godavari District, Andhra Pradesh, India) shall be the responsibility of the Contractor.	Inter location movement (ILM) of tools / equipment / accessories from first location to subsequent locations shall be the responsibility of the Contractor.
17		Clause 4.0 (d) Page 96	The Contractor to demobilize all tools/equipment/accessories after completion of jobs at the fourth location (at	The Contractor to demobilize all tools/equipment/accessories after completion of jobs at the last location on receipt of

Sl No.	Part/Section	Clause No	Existing Description	New Clause/ Amended Description
			KG-Basin, Andhra Pradesh) on receipt of Demobilization notice from the Company.	Demobilization notice from the Company.
18	PART-4, Proforma-A	FORM OF BID SECURITY (BANK GUARANTEE), Page 97		The format has been amended and uploaded in Technical RFx->> External Area ->> Amendment folder in e-tender portal

B. Mobilization Schedule, Modified Table 1C(a), Table 1C(b), Table-2 & Annexure-3 are given below:

(i) MOBILIZATION SCHEDULE: The bidder must be in a position to mobilize the services as under:-

Particulars	Mobilization Time
Mobilization of tools, equipment, accessories, consumables & associated Services as per Scope of Work	Within 90 days from date of mobilization notice issued by the Company
Mobilization of Contractor's Personnel	Within 7 days from date of mobilization notice issued by the Company
Mobilization of tools, equipment, accessories, consumables & associated Services as per Scope of Work on Call-Out	Within 30 days from date of mobilization notice issued by the Company
Interim remobilization of tools, equipment, accessories, consumables & associated Services as per Scope of Work	Within 30 days from date of mobilization notice issued by the Company

(ii) Tables

Table-1C(a)

Sl. No.	Mud property	Unit	Laboratory Testing		Remarks
			Before Hot roll at 120 °F	After Hot Roll at 220 °F	
1	Mud weight				
2	Plastic Viscosity				
3	Yield Point				
4	10s Gel.				
5	10m Gel				
6	API filtration loss/Cake				
7	HP-HT filter loss				
8	pH				
9	Lubricity Coefficient				
10	Solids uncorrected				
11	KCl concentration				
12	PHPA concentration				
13	Any other properties				

Table-1C(b)

Sl. No.	Mud property	Unit	Laboratory Testing		Remarks
			Before Hot roll at 120 °F	After Hot Roll at 220 °F	
1	Mud weight				
2	Plastic Viscosity				
3	Yield Point				
4	10s Gel.				
5	10m Gel				
6	API filtration loss/Cake				
7	HP-HT filter loss				
8	pH				
9	Lubricity Coefficient				
10	Solids uncorrected				
11	CH3COOK concentration				
12	Any other properties				

Note:

1. Hot rolling temperature-220°F
2. Time for hot rolling- 16hrs

TABLE 2
FULL LIST OF PRODUCTS AND PRICES (Prices in Price Bid only)

Sl . No.	Name Of chemical	Brand name	Country of origin	Unit of supply	Unit cost	Specs enclosed Yes/No	MSDS enclosed Yes/No
A	Regular Chemicals						
1	Barite						
2	Bentonite						
3	Caustic Soda						
4	CMC(H)						
5	CMC(L)						
6	CFLS						
7	CL Causticised Lignite						
8	PAC (R)						
9	PAC (L)						
10	XC-Polymer						
11	Asphasol/Sulphonated asphalt or equivalent						
12	PHPA						
13	Resinex						
14	Linseed oil						
15	EP-Lube						
16	CH3COOK						
17	KCl						
18	KOH						

TABLE 2 (CONTD.)

Sl . No.	Name Of chemical	Brand name	Country of origin	Unit of supply	Unit cost	Specs enclosed Yes/No	MSDS enclosed Yes/No
B	Contingency/ Specialty						
1	Drilling Detergent						
2	Pipe free Agent (NW)						
5	Mica (F/M/C)						
6	Rice Husk						
7	Saw Dust						
8	Jel Flake						
9	CaCO ₃ (F/M/C)						
10	Walnut shell (F/M/C)						
11	Defoamer for mud						
12	Soda Ash						
13	Sodium bicarbonate						
14	Biocide						
15	Teepol						
16	SAPP						
17	Lime						
	Any other Chemical						
C	Completion chemicals						
1	KCl						
2	CaCl ₂ (82-85%)						
3	Corrosion inhibitor for brine						

Note: Barytes: Barytes of API/BIS specifications (min 4.10 sp.gr) shall be supplied by the contractor. It is mandatory that the mercury and cadmium contents of barites should **be less than 1mg/kg and 3mg/kg** respectively. Barite failing to this standard will not be accepted.

ANNEXURE-3

DWM PACKAGE AND SERVICES

	Item	Description	Unit	Qty
UNIT-1	I	Floating Oil Skimmer Unit Recovery Rate 20 GPM (4.5 ton/h) Complete with Polypropylene Frame, 1" Discharge Pump (double diaphragm) and Control Valves with Oil Filter Kit.	No	1
	II	Pump to lift effluent from pit	No	1
	III	Storage tank with agitator (Cap:150 bbl)	No	1
	IV	Centrifuge Fully Hydraulic drive centrifuge complete with Mono-pump with required drive. The unit is capable of speed up to 2500 RPM and utilizes a 14" bowl	No	1
	V	Skid mounted flocculation unit complete with an agitated flocculants mixing tank with fish eye removal device, adjustable rate dosing pump, Static mixer for blending injected fluids and explosion proof control panel for controlling all the equipment.	No	1
	VI	Chemical Dosing Tanks with agitators and dosing pumps	Set	1
	VII	Suitable Diesel generator set/sets sufficient to run all the DWM equipment independent of rig power supply.	No	1
UNIT-2 (ON CALL OUT BASIS)	VI	Dual pod filter unit. Each pod can utilize 63 absolute cartridge filters or Oil Clog Cartridges for solids or oil removal. This unit is to be provided as a final "polishing" filter. The Minimum processing rate of the Dual Pod Filter Unit should be 50-75KLPD.	No	1
	VII	Centrifugal pump to feed the dual pod filter unit.	No	1

Item	Consumables	UNIT	QTY
1	10 micron absolute Cartridges		
2	5 micron absolute Cartridges		
3	25 micron bag filters		
4	40 micron bag filters		
5	Chemicals for flocculation (Indicate cost / kg; imported or Indian) Flocculant Coagulant-1 Coagulant-2		

These are the general equipments required for Drilling Waste Management Service. Vendor / bidder has to optimise the chemicals treatment and process system of the client based on lab studies in his laboratory (India / abroad) based on actual effluent encountered at well site.
