



OIL & GAS DEVELOPMENT COMPANY LIMITED
SUPPLY CHAIN MANAGEMENT DEPARTMENT
OFFICE OF THE MANAGER (SCM) FOREIGN



204

OGDC HOUSE
JINNAH AVENUE,
ISLAMABAD - PAKISTAN

PHONE : +92 51 92002 3780
E-mail : ejaz_rizvi@ogdcl.com

NO. PROC-FB/LCB/D-4778-A/770041/2021

Islamabad, 27th July, 2021

M/s Varel Europe S.A.S
Route DE PAU,
65420 IBOS, France

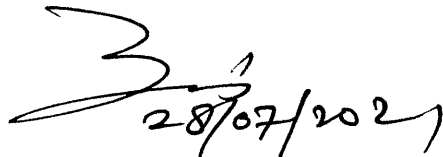
jealamsoomro@varel.com

Subject: - **ISSUANCE OF PURCHASE ORDER**

Dear Sir,

Please find enclosed herewith Purchase Order NO. PROC-FB/LCB/D-4778-A/770041/2021 for Procurement of Tricone & PDC Bits along with Accessories. Kindly provide acceptance of purchase order duly signed and stamped within five days from the issuance of this letter.

2. Letter of Credit shall be established after receipt of acceptance of Purchase Order and original 10% Performance Bank Guarantee. The delivery clock will start from the date of establishment of Letter of Credit.


28/07/2021

SYED EJAZ ABBAS RIZVI
Manager (SCM) Foreign



Encl: Purchase Order

Copy to:

1. GM (D.O)
2. CMO, West Wharf Karachi
3. CMO (I/C) KBS, Karachi
4. M/s Petro Partners (Pvt) Ltd.
65-E, Pak Pavillion Plaza,
Mezzanine Floor, Fazal-e-Haq Road,
Blue Area, Islamabad.



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OIL & GAS DEVELOPMENT COMPANY LIMITED

Procurement Department

Fax : 051-9209673 & 9209803-7
Telex : 5892 OGDC PK & 5867 OGDC PK

Phone : 9218058
Cable : OILGASCORP

No. PROC-FB/LCB/D-4778-A/770041/2021
To VAREL EUROPE S.A.S
Supp. No 34786
Address ROUTE DE PAU, 65420 IBOS, FRANCE

Date : 26-JUL-2021

Subject: **Purchase Order No. PROC-FB/LCB/D-4778-A/770041/2021 For Procurement Of TRICONE & PDC BITS ALONG ACCESSORIES Against Your Quotation No. NIL**

Dear Sir,

We are pleased to issue purchase order in response to your above cited bid as detailed below :-

Sr. No.	Description	Index No.	UOM	Qty	Unit Value C & F BY SEA USD	Total Value C & F BY SEA USD	It Ty
1	BIT,PDC,26",7-5/8" API REG PIN CONN,06 BLADES,CUTTER 16 MM SIZE,CUTTER TYPE: VION-616 ,SINGLE ROW, STEEL BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, SUPERIOR GAUGE PROTECTION, COMPLETE WITH BIT BREAKER & NOZZLE KEY & NOZZLES (DETAIL ATTACH	16-01-001-F	Number	4	46,650.0000	186,600.00	W
2	BIT,PDC,17-1/2",7-5/8" API REG PIN CONN,06 BLADES,CUTTER 19MM SIZE,CUTTER TYPE: VION-619,DOUBLE ROW, STEEL BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, SUPERIOR GAUGE PROTECTION, COMPLETE WITH BIT BREAKER & NOZZLE KEY & NOZZLES(DETAIL ATTACH	16-14-058-F	Number	10	24,425.0000	244,250.00	W
3	BIT,PDC,17-1/2",7-5/8" API REG PIN CONN,05 BLADES,CUTTER 19MM SIZE,CUTTER TYPE: VION-519,DOUBLE ROW, STEEL BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, SUPERIOR GAUGE PROTECTION, COMPLETE WITH BIT BREAKER & NOZZLE KEY & NOZZLES(DETAIL ATTACH	16-14-059-F	Number	10	24,425.0000	244,250.00	W
4	BIT,PDC,17-1/2",7-5/8" API REG PIN CONN,06 BLADES,CUTTER 16MM SIZE,CUTTER TYPE:VION-616,DOUBLE ROW, MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, SUPERIOR GAUGE PROTECTION, COMPLETE WITH BIT BREAKER & NOZZLE KEY & NOZZLES(DETAIL ATTACH	16-14-060-F	Number	2	49,580.0000	99,160.00	W
5	BIT,PDC,12-1/4", 6-5/8" API REG PIN,05 BLADES,CUTTER 19 MM SIZE,CUTTER TYPE:VION-519,DOUBLE ROW,STEEL BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+ PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY & NOZZLES(DETAIL ATTACH	16-14-114-F	Number	10	17,108.0000	171,080.00	W
6	BIT,PDC,12-1/4", 6-5/8" API REG PIN,06 BLADES,CUTTER 19 MM SIZE,CUTTER TYPE:VION-619,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+ PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY & NOZZLES (DETAIL ATTACH)	16-14-115-F	Number	10	25,370.0000	253,700.00	W
7	BIT,PDC,12-1/4", 6-5/8" API REG PIN,06 BLADES,CUTTER 16 MM SIZE,CUTTER TYPE:VION-616,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+ PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-14-109-F	Number	20	26,824.0000	536,480.00	W
8	BIT,PDC,12-1/4", 6-5/8" API REG PIN,07 BLADES,CUTTER 16 MM SIZE,CUTTER TYPE:VION-716,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS,GAGE: TSP+ PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY & NOZZLES (DETAIL ATTACH)	16-14-110-F	Number	10	26,824.0000	268,240.00	W
9	BIT,PDC,8-1/2", 4-1/2" API REG PIN,06 BLADES,CUTTER 16 MM SIZE,CUTTER TYPE:VION-616,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+ PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-059-F	Number	10	15,361.0000	153,610.00	W
10	BIT,PDC,8-1/2", 4-1/2" API REG PIN,06 BLADES,CUTTER 13 MM SIZE,CUTTER TYPE:VION-613,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+ PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-062-F	Number	10	16,434.0000	164,340.00	V
11	BIT,PDC,8-1/2", 4-1/2" API REG PIN,08 BLADES,CUTTER 13 MM SIZE,CUTTER TYPE:VION-813,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+	16-12-063-F	Number	10	18,088.0000	180,880.00	V

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OIL & GAS DEVELOPMENT COMPANY LIMITED

Procurement Department

Sr. No.	Description	Index No.	UOM	Qty	Unit Value C & F BY SEA USD	Total Value C & F BY SEA USD	It Ty
	PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)						
12	BIT,PDC,8-1/2", 4-1/2" API REG PIN,07 BLADES,CUTTER 13 MM SIZE,CUTTER TYPE:VION-713,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-064-F	Number	20	16,206.0000	324,120.00	W
13	BIT,PDC,6", 3-1/2" API REG PIN,06 BLADES,CUTTER 13 MM SIZE,CUTTER TYPE:VION-613,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-082-F	Number	10	11,901.0000	119,010.00	W
14	BIT,PDC,6", 3-1/2" API REG PIN,07 BLADES,CUTTER 13 MM SIZE,CUTTER TYPE:VION-713,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-083-F	Number	10	11,901.0000	119,010.00	W
15	BIT,PDC,5-7/8", 3-1/2" API REG PIN,06 BLADES,CUTTER 13 MM CUTTER TYPE:VION-613,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-105-F	Number	10	12,791.0000	127,910.00	W
16	BIT,PDC,5-7/8", 3-1/2" API REG PIN,07 BLADES,CUTTER 13 MM SIZE,CUTTER TYPE:VION-713,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-106-F	Number	10	11,815.0000	118,150.00	W
17	BIT,PDC,5-7/8", 3-1/2" API REG PIN,08 BLADES,CUTTER 11 MM SIZE,CUTTER TYPE:VION-811,DOUBLE ROW,MATRIX BODY,SUITABLE FOR PDM OR RSS APPLICATIONS, GAGE: TSP+PDC, COMPLETE WITH BIT BREAKER & NOZZLE KEY& NOZZLES (DETAIL ATTACH)	16-12-109-F	Number	10	10,890.0000	108,900.00	W
18	BIT, SIZE 26" CONNECTION 7-5/8" API REG PIN, IADC 135M, 'VAREL' EB3GMRS, ALONG WITH JET NOZZLES & NOZZLES KEY (DETAIL ATTACHED).	16-01-097-F	Number	5	18,670.0000	93,350.00	W
19	BIT, SIZE 12-1/4" (311.2MM), TYPE: HE34DIJMRSV, CONNECTION 6-5/8" API REG. PIN, IADC CODE 537M, ALONG WITH JET NOZZLE & NOZZLES KEY (DETAIL ATTACHED)	16-01-114-F	Number	10	7,060.0000	70,600.00	W
20	BIT, SIZE 8-1/2", TYPE: HE3DIMRS, THREAD 4-1/2" REG.PIN IADC 137M, VAREL ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-01-311-F	Number	20	3,958.0000	79,160.00	W
21	BIT, SIZE 8-1/2", TYPE: HE14DIMRSV, CONNECTION 4-1/2" API REG. PIN, IADC CODE 437M, VAREL ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-01-261-F	Number	10	3,958.0000	39,580.00	W
22	BIT SIZE 8-1/2" TYPE: HE24DIMRSV, THREAD 4-1/2" API REG. PIN IADC 517M, VAREL ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-04-401-F	Number	10	3,958.0000	39,580.00	W
23	BIT SIZE 8-1/2" TYPE: HE34DIMRSV, THREAD 4-1/2" API REG. PIN IADC 537M, VAREL, ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-04-402-F	Number	10	3,958.0000	39,580.00	W
24	BIT,ROCK,SIZE: 6", TYPE: CM3DIMRS, CONNECTION:3-1/2" API REG PIN,IADC 137M, VAREL, , ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-04-403-F	Number	10	3,017.0000	30,170.00	W
25	BIT, ROCK 5-7/8" IADC 137M, TYPE: CM3DIMRS, 3-1/2" API REG PIN CONNECTION, VAREL, , ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-01-465-F	Number	10	2,707.0000	27,070.00	W
26	BIT ROCK 5-7/8" IADC 517M TYPE: CM24DIMRS, 3-1/2" API REG PIN CONNECTION, VAREL, , ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-01-464-F	Number	10	2,807.0000	28,070.00	W
27	BIT ROCK 5-7/8" IADC 537M TYPE CM34DIMRS, 3-1/2" API REG PIN CONNECTION, VAREL, ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-01-463-F	Number	10	3,007.0000	30,070.00	W
28	BIT, SIZE 4-1/8", TYPE: SRP624, THREAD 2-3/8" REG.PIN IADC CODE 236M, VAREL, ALONG WITH NOZZLE KEY & NOZZLES (DETAIL ATTACHED)	16-01-491-F	Number	5	2,399.0000	11,995.00	W
Total :						3,908,915.00	
USD Three Million Nine Hundred Eight Thousand Nine Hundred Fifteen Only							

Indent #

DRLG/MP/D-4778/A/21



OIL & GAS DEVELOPMENT COMPANY LIMITED

Procurement Department

Name & Address of Manufacturer
Delivery Period
Country of origin
Banker's Address
Special Note

VAREL EUROPE SAS, FRANCE
✓ 02 MONTHS
FRANCE, MEXICO
✓ BNP PARIBAS. SUD ATLANTIQUE ENTERPRISES BORDEAUX CEDEX-FRANCE. A/C # 00010025016. IBAN: FR7630004024970001002501637. SWIFT: BNPAFRPPXXX
Port of Shipment
Port of Discharge
FRANCE, SPAIN, RUSSIA, USA
KARACHI
I. DELIVERY PERIOD IS 02 MONTHS FROM THE DATE OF LC ESTABLISHMENT. II. ALL THE CONTENTS OF THE DOCUMENTS, SOR, YOUR TECH/FIN BIDS AND SUBSEQUENT CORRESPONDANCE ARE INTEGRAL PART OF THE PURCHASE ORDER.

*"Condition of Contract (General/Special) of tendere enquiry, should be treated a part of the Purchase Order".
Letter of credit shall be established as per Terms & Conditions attached herewith.*

MUHAMMAD USMAN AWAN
SE(DMP)-III
Ext: 2923

SYED EJAZ ABBAS
Manager (SCM)
Oil & Gas Development Co. Ltd
Islamabad
MANAGER (SCM) FOREIGN
28/07/2021



ANNEXURE-'A'

OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT, ISLAMABAD
FOREIGNSECTION B

Attachment to PO # 770041/2021

Material PDC BITS, TRICONE & NOZZLES
 Tender Enquiry NO. PROC-FB/LCB/D-4778-A /2021
 Due Date: April 19th, 2021
 Evaluation Criteria GROUP WISE

SCHEDULE OF REQUIREMENT

HS code: - 8207.1900

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-A								
1	<p>26" VAREL PDC Bit Type: VION - 616 Bit Features Description</p> <p>Bit Body: Steel Body, anti-ball treated steel, Anti-Ball Feature: Body steel electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 16mm PDC cutters. Total PDC cutters: 127 Type DL, Venom Abrasive Resistant Cutters. Junk slot area 182.9 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 1.2 in No. of Nozzles: 12/ seies 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 6 inch. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 7. 5/8" REG API PIN.</p>	Number	4	45,630	182,520	46,650	186,600	
	<p>Required nozzels: 16/32", 18/32", 20/32" & 22/32"; 2 sets of each size nozzel, Total number of sets : 08 sets of each size Bit Breaker: Qty: 04 Nozzel Keys: Qty: 04</p>							

Handwritten mark resembling a stylized 'N' or 'M'.

Handwritten signature or initials.

Handwritten signature and stamp: ZAHID HAYAT Sr. Engineer (DMP) Page 1/25

Handwritten signature: Karol VAREL EUROPE
 Route de Beau
 55420 BOU (France)
 Tel: 33 (0)3 59 24 25
 Fax: 33 (0)3 59 24 25
 C.S.B 400 72 217



ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-B								
2	<p>17.5" VAREL PDC Bit Type: VION - 619 Bit Features Description</p> <p>Bit Body: Steel Body, anti-ball treated steel, Anti-Ball Feature: Body steel electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 19mm PDC cutters. Total PDC cutters: 99 Type DL, Venom Double row cutters: Power cutters on some blades. Abrasive Resistant Cutters. Junk slot area 84.5 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 1.6 in. No. of Nozzles: 9/ series 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 4 inch. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 7. 5/8" REG API PIN.</p>	Number	10	23,715	237,150	24,425	244,250	
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32"; 2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

→ 16-14-058

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SANJAYAT
Sr. Engineer (DMP)
Ext: 2365

page 2/25

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128
199



ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
3	<p>17.5" VAREL PDC Bit Type: VION - 519 Bit Features Description</p> <p>Bit Body: Steel Body, anti-ball treated steel, Anti-Ball Feature: Body steel electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 5 blade, PDC Cutter size: 19mm PDC cutters. Total PDC cutters: 88 Type DL, Venom Double row cutters: Power cutters on all blades. Abrasive Resistant Cutters: . Junk slot area 84.5 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 1.4 in. No. of Nozzles: 10/ series 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 4 inch. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 7.5/8" REG API PIN.</p>	Number	10	23,715	237,150	24,425	244,250	
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

→ 18-14-059

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-Techno-Comm-Bid/2021

ZAHNUN NAYAT
 Sr. Engineer (P&M)
 Ext: 2365

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11/18



ANNEXURE 'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
4	<p>17.5" VAREL PDC Bit Type: VION - 616 Bit Features Description</p> <p>Bit Body: Matrix Body, anti-ball treated steel, Anti-Ball Feature: Body steel electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 16mm PDC cutters. Total PDC cutters: 88 Type DL, Venom Double row cutters: Power cutters on some blades. Abrasive Resistant Cutters. Junk slot area 82.2 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 1 in No. of Nozzles: 9/ series 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 2in + 2in step gage inch. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 7.5/8" REG API PIN.</p>	Number	02	48,720	97,440	49,580	99,160	
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ;2 sets of each size nozzel, Total number of sets : 04 sets of each size Bit Breaker: Qty: 02 Nozzel Keys: Qty: 02</p>							

→ 16-14-060

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Zahid Ali
ZAHID ALI
 Sr. Engineer (DMP)
 Ext: 2865

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-C								
5	<p>12.25" VAREL PDC Bit Type: VION - 519 Bit Features Description</p> <p>Bit Body: Steel Body, anti-ball treated steel, Anti-Ball Feature: Body steel electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 5 blade, PDC Cutter size: 19mm PDC cutters. Total PDC cutters: 63 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 41 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 0.8 in No. of Nozzles: 7/ seies 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 2in + 1 1/2in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 6.5/8" REG API PIN.</p>	Number	10	16,610	166,100	17,108	171,080	The provided JSA perfectly meets the application and it is not physically possible to make it 60
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

→ 16-14-114

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ZAHID HAYAT
 Sr. Engineer (DWP)
 Ext: 2365

Page 5/25

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135
 196



ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
6	<p>12.25" VAREL PDC Bit Type: VION - 619 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 19mm PDC cutters. Total PDC cutters: 79 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 29.7 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 0.8 in No. of Nozzles: 6/ seies 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 2in + 2in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 6.5/8" REG API PIN.</p>	Number	10	24,831	248,310	25,370	253,700	
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

→ 16-14-115

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ZAHID NIAZI
Sr. Engineer / OMP
Engr 2503

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16/11/21



ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
7	<p>12.25" VAREL PDC Bit Type: VION - 616 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 16mm PDC cutters. Total PDC cutters: 95 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 32.6 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 1.4in No. of Nozzles: 6/ seies 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1 1/2in + 1 1/2in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 6. 5/8" REG API PIN.</p>	Number	20	26,285	525,700	26,824	536,480	
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ;2 sets of each size nozzel, Total number of sets : 40 sets of each size Bit Breaker: Qty: 20 Nozzel Keys: Qty: 20</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
8	<p>12.25" VAREL PDC Bit Type: VION - 716 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 7 blade, PDC Cutter size: 16mm PDC cutters. Total PDC cutters: 102 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 33.8 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 0.9 in No. of Nozzles: 7/ seies 55. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1 1/2in + 1 1/2in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 6. 5/8" REG API PIN.,</p>	Number	10	26,285	262,850	26,824	268,240	
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-D								
9	<p>8.5" VAREL PDC Bit Type: VION - 616 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 16mm PDC cutters. Total PDC cutters: 66 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 13.2 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 1 in No. of Nozzles: 6/ seies 55. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1 1/2in + 1 1/2in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 4. 1/2" REG API PIN.</p>	Number	10	14,960	149,600	15,361	153,610	
	<p>Required nozzels: 12/32", 14/32", 16/32" & 18/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
10	<p>8.5" VAREL PDC Bit Type: VION - 613 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 13mm PDC cutters. Total PDC cutters: 78 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 11.7 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-in-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 1 in No. of Nozzles: 6/ sizes 55. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 4, 1/2" REG API PIN.</p>	Number	10	16,033	160,330	16,434	164,340	
	<p>Required nozzels: 12/32", 14/32", 16/32" & 18/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
11	<p>8.5" VAREL PDC Bit Type: VION - 813 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 8 blade, PDC Cutter size: 13mm PDC cutters. Total PDC cutters: 97 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 10.6 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 0.8 in No. of Nozzles: 4/ series 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 4. 1/2" REG API PIN:</p>	Number	10	17,687	176,870	18,088	180,880	
	<p>Required nozzels: 12/32", 14/32", 16/32" & 18/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE 'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
12	<p>8.5" VAREL PDC Bit Type: VION - 713 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 7 blade, PDC Cutter size: 13mm PDC cutters. Total PDC cutters: 85 Type DL, Venom Double row cutters: Power cutters on each blade: Abrasive Resistant Cutters: Junk slot area 13.2 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-in-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 0.9 in No. of Nozzles: 7/ series 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 4. 1/2" REG API PIN.</p>	Number	20	15,805	316,100	16,206	324,120	
	<p>Required nozzels: 12/32", 14/32", 16/32" & 18/32" ;2 sets of each size nozzel, Total number of sets : 40 sets of each size Bit Breaker: Qty: 20 Nozzel Keys: Qty: 20</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-E								
13	<p>6" VAREL PDC Bit Type: VION - 613 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 13mm PDC cutters. Total PDC cutters: 53 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 5.4 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 1 in No. of Nozzles: 6/ series 50. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 3. 1/2" REG API PIN.</p>	Number	10	11,661	116,610	11,901	119,010	
	<p>Required nozzels: 10/32", 12/32", 14/32" & 16/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
14	<p>6" VAREL PDC Bit Type: VION - 713 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 7 blade, PDC Cutter size: 13mm PDC cutters. Total PDC cutters: 62 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 3.2 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-in-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 0.9 in No. of Nozzles: 3/ series 65. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 3. 1/2" REG API PIN.</p>	Number	10	11,661	116,610	11,901	119,010	<p>Required nozzels are 6-8 which is not possible due to the small size of the bit.</p> <p>The provided JSA perfectly meets the application and it is not physically possible to make it 5.</p>
	<p>Required nozzels: 10/32", 12/32", 14/32" & 16/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-F								
15	5.875" VAREL PDC Bit Type: VION - 613 <u>Bit Features Description</u> Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 6 blade, PDC Cutter size: 13mm PDC cutters. Total PDC cutters: 67 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 4.6 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 0.8 in No. of Nozzles: 6/ sizes 50. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 3. 1/2" REG API PIN.	Number	10	12,551	125,510	12,791	127,910	
	Required nozzels: 10/32", 12/32", 14/32" & 16/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
16	<p>5.875" VAREL PDC Bit Type: VION - 713 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 7 blade, PDC Cutter size: 13mm PDC cutters. Total PDC cutters: 64 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 4.6 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally. Trimmers Length: 0.8 in No. of Nozzles: 5/ seies 55. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 3. 1/2" REG API PIN.</p>	Number	10	11,575	115,750	11,815	118,150	
	<p>Required nozzels: 10/32", 12/32", 14/32" & 16/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
17	<p>5.875" VAREL PDC Bit Type: VION - 811 Bit Features Description</p> <p>Bit Body: Matrix Body, Anti-Ball Feature: Body matrix electronically treated to repel negative (-) ions of water base mud. This is the most effective anti-ball treatment. No. of Blades: 8 blade, PDC Cutter size: 11mm PDC cutters. Total PDC cutters: 62 Type DL, Venom Double row cutters: Power cutters on each blade. Abrasive Resistant Cutters. Junk slot area 4.4 sq.in. Anti-whirl & stability features: Shock Studs to control the vibrations Back reaming cutters: Updrill feature allows wall cleaning as you upream, Drop-In-Cutters: To maintain the bit diameter while drilling directionally, Trimmers Length: 0.6 in No. of Nozzles: 4/ seies 55. Bit Gage : Superior gage protection (PDC + HARD TECH -TC sludges), Gage Length: 1in + 1in step gage. Bit Application: Suitable to drill vertical as well as directional hole on PDM or RSS. Connection: 3. 1/2" REG API PIN.</p>	Number	10	10,650	106,500	10,890	108,900	
	<p>Required nozzels: 10/32", 12/32", 14/32" & 16/32" ;2 sets of each size nozzel, Total number of sets : 20 sets of each size Bit Breaker: Qty: 10 Nozzel Keys: Qty: 10</p>							

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ANNEXURE-'A'

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Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-H								
19	<p>Size 26", Type EB1GJMRS, 115 IADC Total Teeth on Bit = 157, Steel tooth, Dual Cap hard facing, Premium gage protection by back row inserts, Shirttail protection by TC inserts on the entire length of leading edge ,Center Jet, Sealed Roller Bearings, Good to run on PDM. 7.5/8" API Regular Pin connection.</p> <p>Jet size: 18/32" Preinstalled in each bit. Required nozzels: 18/32", 20/32" & 22/32"; 2 sets of each size nozzle Total number of sets : 20 sets of each size Nozzles Key: Qty: 10</p>	Number	10	18,080	180,800	18,370	183,700	
20	<p>Size 26", Type EB3GJMRS, 135 IADC Total Teeth on Bit = 232, Steel tooth, Dual Cap hard facing, Premium gage protection by back row inserts, Shirttail protection by TC inserts on the entire length of leading edge ,Center Jet, Sealed Roller Bearings, Good to run on PDM. 7.5/8" API Regular Pin connection.</p> <p>Jet size: 18/32" Preinstalled in each bit. Required nozzels: 18/32", 20/32" & 22/32"; 2 sets of each size nozzle Total number of sets : 10 sets of each size Nozzles Key: Qty: 5</p>	Number	5	18,380 16-01-097	91,900	18,670	93,350	

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ANNEXURE-'A'

St. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
24	Size 12.25", Type HE24D1JMRSV, 517 IADC Total Inserts = 157, Chiesel shaped Inserts, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD), Shirttail protection by TC inserts on the entire length of leading edge, Sealed Journal Bearings, Center Jet, Good to run on PDM. 6.5/8" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD). J: The Center Jet Nozzle V: The V-Jet feature directs the fluid flow stream to produce better cone cleaning, Required nozzels: 14/32", 16/32", 18/32" & 20/32" ; 2 sets of each size nozzel, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10	Number	10	6,850	68,500	7,060	70,600	
25	Size 12.25", Type HE34D1JMRSV, 517 IADC Total Inserts = 172, Inner row Chiesel shaped Inserts, Gage row conical inserts. Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD), Shirttail protection by TC inserts on the entire length of leading edge, Sealed Journal Bearings, Center Jet, Good to run on PDM. 6.5/8" API Regular Pin connection.	Number	10	6,850	68,500	7,060	70,600	

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
	<p>M: Thick Hard facing on shirrtail edge. R: Stabilization Inserts. S: Tungsten Carbide inserts on Leading Edge of Shirrtail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD). J: The Center Jet Nozzle V: The V-Jet feature directs the fluid flow stream to produce better cone cleaning,</p> <p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ; 2 sets of each size nozzel, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10</p>							
GROUP-K								
26	<p>Size 8.5", Type HE3D1MRS, 137 IADC Total Teeth = 84, Dual Cap Hardfacing, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD), Shirrtail protection by TC inserts on the entire length of leading edge , Sealed Journal Bearings, Good to run on PDM. 4.1/2" API Regular Pin connection. M: Thick Hard facing on shirrtail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirrtail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD).</p> <p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ; 2 sets of each size nozzel, Total number of sets : 40 sets of each size. Nozzles Key: Qty: 20</p>	Number	20	3,810	76,200	3,958	79,160	
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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
27	<p>Size 8.5", Type HE14D1MRSV, 437 IADC Total Inserts = 94, Chiesel shaped Gage row and Innr Row, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD) , Shirttail protection by TC inserts on the entire length of leading edge , Sealed Journal Bearings, Good to run on PDM. 4.1/2" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD). V: The V-Jet feature directs the fluid flow stream to produce better cone cleaning,</p>	Number	10	3,810	38,010	3,958	39,580	
	<p>Required nozzels: 14/32", 16/32", 18/32" & 20/32" ; 2 sets of each size nozzle, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10</p>							
28	<p>Size 8.5", Type HE24D1MRSV, 517 IADC Total Inserts = 137, Chiesel shaped Gage row and Innr Row, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD) , Shirttail protection by TC inserts on the entire length of leading edge , Sealed Journal Bearings, Good to run on PDM. 4.1/2" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD). V: The V-Jet feature directs the fluid flow stream to produce better cone cleaning,</p>	Number	10	3,810	38,010	3,958	39,580	<p>The number of inserts required in tender is not matching IADC 517 but 537.</p> <p>It is impossible to supply same number of inserts for both 517 and 537.</p>

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
	Required nozzels: 14/32", 16/32", 18/32" & 20/32" ; 2 sets of each size nozzel, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10							
29	<p>Size 8.5", Type HE34D1MRSV, 537 IADC Total Inserts = 150, Chiesel shaped Gage row and Innr Row, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD) , Shirttail protection by TC inserts on the entire length of leading edge , Sealed Journal Bearings, Good to run on PDM. 4.1/2" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD). V: The V-Jet feature directs the fluid flow stream to produce better cone cleaning,</p>	Number	10	3,810	38,010	3,958	39,580	
	Required nozzels: 14/32", 16/32", 18/32" & 20/32" ; 2 sets of each size nozzel, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10							

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
GROUP-L								
30	<p>Size 6", Type CM3D1MRS, 137 IADC Total Teeth = 91, Dual Cap Hardfacing, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD), Shirttail protection by TC inserts on the entire length of leading edge, Sealed Journal Bearings, Good to run on PDM. 3.1/2" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD).</p> <p>Required nozzels: 10/32", 12/32", 14/32" & 16/32";, 2 sets of each size nozzle, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10</p>	Number	10	2,885	28,850	3,017	30,170	
				<u>16-04-403</u>				
GROUP-M								
31	<p>Size 5.875", Type CM3D1MRS, 137 IADC Total Teeth = 86, Dual Cap Hardfacing, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD), Shirttail protection by TC inserts on the entire length of leading edge, Sealed Journal Bearings, Good to run on PDM. 3.1/2" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD).</p>	Number	10	2,575	25,750	2,707	27,070	
				<u>16-01-465</u>				

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 Tel. 33 (0)3 400 55 59
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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
	Required nozzels: 10/32", 12/32", 14/32" & 16/32";; 2 sets of each size nozzle, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10							
32	<p>Size 5.875", Type CM24D1MRS, 517 IADC Total Inserts = 117, Chiesel shaped Gage row and Innr Row, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD) , Shirttail protection by TC inserts on the entire length of leading edge , Sealed Journal Bearings, Good to run on PDM. 3.1/2" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts. S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD).</p> <p>Required nozzels: 10/32", 12/32", 14/32" & 16/32";; 2 sets of each size nozzle, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10</p>	Number	10	2,675	26,750	2,807	28,700	
			<u>16-01-464</u>					
33	<p>Size 5.875", Type CM34D1MRS, 537 IADC Total Inserts = 133, Chiesel shaped Gage row and Innr Row, Gage row protected by back row inserts Min 50% Polycrystalline diamond (PCD) , Shirttail protection by TC inserts on the entire length of leading edge , Sealed Journal Bearings, Good to run on PDM. 3.1/2" API Regular Pin connection. M: Thick Hard facing on shirttail edge. R: Stabilization Inserts.</p>	Number	10	2,875	28,750	3,007	30,070	
			<u>16-01-463</u>					

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ANNEXURE-'A'

Sr. No.	Description	Unit	Quantity	Unit Price (FOB) US\$	Total Price (FOB) US\$	Unit Price C&F By Sea (US\$)	Total Price C&F By Sea (US\$)	Deviated from Tender Spec. If any
	S: Tungsten Carbide Inserts on Leading Edge of Shirttail. D1: One half of the cone back-row inserts are replaced with polycrystalline diamond (PCD). Required nozzels: 10/32", 12/32", 14/32" & 16/32";; 2 sets of each size nozzel, Total number of sets : 20 sets of each size. Nozzles Key: Qty: 10							
GROUP-N								
34	Size 4.125", Type SRP624, 236 IADC Total Teeth = 81, Dual Cap Hardfacing Shirttail protection by TC inserts on the entire length of leading edge , Sealed Journal Bearings, Good to run on PDM. 2.3/8" API Regular Pin connection. Tungsten carbide inserts (TCI) along the outside of the cone for hard drilling, Required nozzels: 12/32", 14/32" & 16/32";; 2 sets of each size nozzel, Total number of sets : 10 sets of each size. Nozzles Key: Qty: 5	Number	5	2,310	11,550	2,399	11,995	
				16-01-491				

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65420 Lambres (France)
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OTHER TERMS AND CONDITIONS OF THE PO/LC TO BE STRICTLY COMPLIED BY THE BENEFICIARY

(CFR Karachi Basis)

1. **CONSIGNEE:**
The goods must be consigned to the L/C establishing bank and notify party Oil & Gas Development Company Ltd. (OGDCL), Plot No. 21, OGDCL Warehouse, West Wharf Road, Karachi. Telephone No. 021-32311108, 32313119, Fax No. 021-32311040, E-mail: abdulwaheed_kunbhar@ogdcl.com
2. **PACKING:**
The Packing of the merchandise must conform to the International Standards and the packing list along-with Commercial Invoice must be placed inside the container without fail.
3. **MARKING:**
 - 3.1 Must bear the Purchase Order No. as Shipping Marks, Country of Origin and Weight in Kilograms (Gross/Net). The marks must tally with shipping documents like Bill of Lading (B/L) and manifest there should not be any difference.
 - 3.2 In addition to the above mentioned shipping marks, the following procedure of color code marking is to be adopted / made on each side of the package/box/container while dispatching the material: -
"There will be an isosceles triangle with or less than six inches side, triangle side marked in black lines, letters "OGDCL" inscribed inside, the letters to be not less than 1½" tall and will be in black. On big packages/boxes/containers, the sides or triangle and letters will be increased appropriately. Underneath the triangle there will be two color code bars in "GREEN" color size six inches in length and 1½" in width. If the above color codes marking is not appropriate/suitable, the sizes and color may be changed".
 - 3.3 Each item of the consignment should also be marked with item # of the Purchase Order.
4. **SHIPPING DOCUMENTS.**
Shipping documents shall consist of the following:
 - 4.1 Original Clean Master Bill of Lading on Freight Pre-Paid Basis signed by the carrier or their authorized agent showing clean shipped on board. Freight forwarders, Third party, Short form, blank back and House Bill of Lading is not acceptable.
 - 4.2 Detail invoice showing commodity description, quantity, unit/total price, etc containing original signatures.
 - 4.3 Packing List, (Showing total number of packages, gross/net weight & measurement and Box No. in case of more than one boxes such as Box No. 1/10, 2/1010/10 and so on and detail of equipment in each box.
 - 4.4 Certificate of origin.
 - 4.5 Mill inspection/quality certificate/test report showing analysis (in case of chemicals only)
 - 4.6 Certificate of compliance of the credit terms as per clause No. 2 in respect of Packing.
 - 4.7 Insurance declaration. A copy of Fax OR E-mail sent to Insurance Company in compliance to the Clause No. 9 hereunder.
 - 4.8 Copy of E-mail sent in compliance to the Clause No. 6.1 hereunder.
 - 4.9 A copy of pre-shipment third party inspection report issued by third party inspector duly accepted / verified by OGDCL prior to shipment (where applicable).
5. **INSTRUCTIONS FOR COMPLETING SHIPPING DOCUMENTS:**
 - 5.1 The shipping invoice should be marked on top in capital words.
 - a) Complete, first and last consignment (if all the contractual material is shipped in one lot.)
 - b) First partial shipment/second partial shipment (and so on). Final and last shipment as the case may if shipments are effected in parts.
 - 5.2 All Invoices should be signed, and must indicate value of each items total value and also show 'SHIPPING MARKS' as provided in the contract.
 - 5.3 All containers of cargo must carry copy of invoice. A compliance certificate in this regard shall be provided along with the shipping documents. In case of noncompliance the beneficiary shall pay the penalty imposed by the Custom Authority.
6. **SHIPMENT INTIMATION:**
 - 6.1 The beneficiary within 24-48 hours of making shipment must send fax OR E-mail to (1) Dy. Chief Material Officer, Plot No. 21, West Wharf, Karachi, Fax No. 0092-21-2311040, E-mail: abdulwaheed_kunbhar@ogdcl.com (2) Manager (Foreign) Procurement, OGDCL House Plot No. 3 (New NO. 3013)F-6/G6, Blue Area, Jinnah Avenue, Islamabad. Fax No. 0092-51-9244210 & 0092-051-9209803-7, E-mail: ejaz_rizvi@ogdcl.com (3) Manager Accounts (Imports) on Fax No. 0092-51-9209803-7, E-mail: imtiaaz_sherazi@ogdcl.com (4) National Insurance Company Limited, Karachi on FAX No. 0092-21-99202734 OR E-mail: "sanaullah.shaikh@nicl.com.pk" OR "gulam.akbar@nicl.com.pk", OR "info@nicl.com.pk" intimating them the following:

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- a) L/C numbers and Purchase Order / Contract No.
- b) Name of the Ship & Shipping Line.
- c) Bill of Lading No. & Date.
- d) Total CFR value of the consignment shipped.
- e) Port of shipment.
- f) No. of boxes/packages/pieces.
- g) Net and gross weight.
- h) Expected time of arrival (ETA) of ship.

7. **SHIPMENT INSTRUCTIONS**

- a) The contractor/supplier/vendor is requested to ensure that Commercial Invoice / Packing List shall be pasted on the inner side of the door of container for FCL Shipments and on Boxes / Crates / Cartons etc. for LCL Shipments. Non-Compliance to this instruction may result in penalty imposed by Custom Authorities which shall be recovered from the Contractor/Supplier/Vendor.
- b) Please ensure that in case of CFR purchase order / contracts the local charges at Karachi Seaport/Airport must be included in the freight cost.
- c) The freight forwarders/shipping agents at country of origin must include the corresponding local charges such as delivery order/port handling & container rentals for free time etc. company shall pay only the wharfage/demurrage charges. They should also ensure that there should be only one local agent of the shipping company who should handle such matters. In case OGDCL had to pay such charges, it shall be recovered from the contractor.

8. **INSTRUCTION REGARDING TRANSMISSION/NEGOTIATION OF SHIPPING DOCUMENTS**

8.1 **ORIGINAL NEGOTIABLE DOCUMENTS:**

- a) The beneficiary immediately upon making shipment(s) should negotiate the original clean shipping documents free from any discrepancy with negotiating bank as indicated in the L/C.
- b) If clean documents free from any discrepancy are not negotiated within negotiation period mentioned in the L/C, or if the documents are withheld by the Bank on account of any discrepancy whatsoever the demurrage or financial impact if any incurred due to late negotiation of clean documents will be on beneficiary's account.
- c) Original/negotiable documents must contain at least four sets of the shipping documents mentioned under Clause No. 5 above.
- d) The original shipping documents should be dispatched through courier service by the negotiating bank at the beneficiary's cost within 24-48 hours after receipt from the beneficiary.
- e) The discrepant documents with minor discrepancies will be accepted subject to the consent of Procurement Department to facilitate prompt clearance of the consignment on the condition that demurrage, if any due to the discrepancies reported by L/C opening bank will be on beneficiary account.

8.2 **NON-NEGOTIABLE DOCUMENTS:**

- a) Complete sets of non-negotiable shipping documents **along with one set of Parts Catalogue, Brochures, Technical Literature** must be dispatched OR E-mailed to the Manager (SCM) Foreign at the following address immediately upon shipment is effected: -

MANAGER (SCM) FOREIGN
OIL & GAS DEVELOPMENT COMPANY LIMITED
OGDC HOUSE, PLOT NO. 3 (NEW NO. 3013),
F-6/G-6, BLUE AREA, JINNAH AVENUE,
ISLAMABAD, PAKISTAN.
PHONE NO. 0092-51-92002 3652
E-mail: ejaz_rizvi@ogdcl.com

- b) Complete sets of non-negotiable shipping documents must be dispatched OR E-mailed to Dy. Chief Material Officer at the following address immediately upon shipment is effected: -

DYPUTY CHIEF MATERIAL OFFICER,
OIL & GAS DEVELOPMENT COMPANY LIMITED,
PLOT NO. 21, WEST WHARF ROAD, KARACHI, PAKISTAN.
PHONE NO. 0092-21-2311108, 2313119-23 & FAX NO. 0092-21-2311040, E-mail: abdulwaheed_kunbhar@ogdcl.com

- c) The shipping documents should be couriered through any reliable courier company at shipper's cost so that the same must be received at least 10 days before arrival of the vessel.

9. **INSURANCE:**

Insurance from port of shipment/delivery will be covered by openers and declaration shall be made by the beneficiary to Insurance Company i.e. M/S National Insurance Company Limited, NICL Building, South Zone, Abbasi Shaheed Road, off Shakra-e-Faisal Road, Karachi (Pakistan). Fax No. 0092-21-99202734 or E-mail: "sanaullah.shaikh@nicl.com.pk" OR gulam.akbar@nicl.com.pk, OR info@nicl.com.pk and Manager (Accounts) /OGDC LTD., Fax No. 0092-51-9209803-07 or E-mail: imtiazh_sherazi@ogdcl.com immediately after shipment giving full details of shipment e.g. value of shipment description of material, name of vessel, B/L with date, port of shipment, contract and Letter of Credit Numbers.

10. **DEMURRAGE DUE TO DELAY IN RECEIPT OF ORIGINAL / NEGOTIABLE DOCUMENT / TRANSSHIPMENT AND SHIPPING LINES AGENTS:**

10.1 If clean documents are not negotiated within negotiation period of the L/C or documents are withheld by bank on account of any discrepancy, the demurrage charges, if any incurred due to late negotiation of the clean documents and paid by the OGDCL. will be realized from the beneficiary directly by raising debit advice, or by deducting the amount paid from the L/C value or by encashing Performance Bond (where applicable) to the extent of demurrage amount. In case the demurrage amount exceeds the value of Performance Bond the balance amount will be payable by the beneficiary.

10.2 Transshipment is totally prohibited under this L/C. The beneficiary must ensure that no transshipment takes place against this L/C, and demurrage paid by OGDCL due to transshipment will be on beneficiary's account.

10.3 Any demurrage paid by OGDCL due to inconsistency in B/L and manifest will be recovered from beneficiary.

11. **LIQUIDATED DAMAGES:**

a) If the contractor fails to deliver any or all of the goods within the time period(s) specified in the Contract, the Purchaser shall, without prejudice to other remedies under the contract, deduct from the contract price / Bank Guarantee as liquidated damages, a sum not more than 0.5% of the contract price per week or part thereof for first four weeks, 1.00% per week for next four weeks and 1.5% per week exceeding four weeks up to maximum extent of 10 % of the contract value.

b) In case the Purchaser is satisfied that the delayed / defective shipment was due to some mistake or circumstances beyond the control of the contractor and the contractor has not intentionally or negligently contributed in the delay, the Purchaser may impose Liquidated Damages for not more than a sum equivalent to 0.5% of the delayed or defective shipment per week or part thereof for first two weeks, 1.00 % per week for next three weeks and 1.5% per week exceeding five weeks but not exceeding 10% of the contract value of the delayed/ defective shipment provided that the contractor takes immediate remedial measures for the-replacement of defective shipment and takes prompt steps to mitigate the delay. The Purchaser may however, impose Liquidated Damages as per (a) above if the delayed or defective shipment has affected the project completion schedule or has resulted in production losses.

c) Even after imposition of LDs, if the supplier fails to materialize the delivery (material and or services); the Purchaser reserves the right to cancel Purchase order/contract/LC and to forfeit the Guarantee (if applicable) after intimating the supplier for such cancellation / forfeiture.

12. **AMENDMENT / EXTENSION OF L/C:**

The beneficiary will positively confirm shipment of all ordered goods within L/C validity or make request for extension of shipment and negotiation dates at least 15 to 30 days prior to the expiry of L/C. If shipment is not effected within L/C validity or request for extension is not received 15 to 30 days prior to expiry of L/C validity, no request for grant of extension in shipment and negotiation will be entertained under any circumstances. In case of extension in shipment/negotiation period, the beneficiary will be required to extend the validity of his performance bond (where applicable) accordingly. All charges on this account will be on beneficiary's account.

13. **CHARGES FOR L/C ESTABLISHMENT:**

13.1 All charges of credit opening bank for credit will be borne by the OGDCL.

13.2 All charges of corresponding bank such as negotiation of documents, adding confirmation to credit etc. will be to the account of beneficiary.

13.3 All charges for amendments / extension in L/C will be to the account of beneficiary.

14. **PAYMENT TERMS:**

14.1 **FOR ORDER VALUE MORE THAN US\$ 200,000:**

The eighty percent (80%) payment will be made against each shipment upon submission of original shipping documents to the LC opening bank, whereas balance twenty percent (20%) payment will be released after receipt, inspection and acceptance of material at OGDCL Stores. Furthermore, payment of balance twenty percent (20%) will be released upon issuance of Acceptance / Delivery Certificate from OGDCL to L/C beneficiary confirming receipt & acceptance of material along with submission of commercial invoice of remaining value.

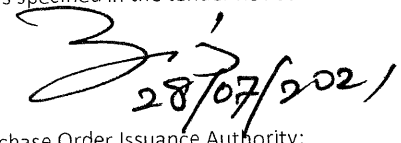
14.2 **FOR ORDER VALUE LESS THAN OR EQUAL TO US\$ 200,000:**

The seventy percent (70%) payment will be made against each shipment upon submission of original shipping documents to the LC opening bank, whereas balance thirty percent (30%) payment will be released after receipt, inspection and acceptance of material at OGDCL Stores. Furthermore, payment of balance thirty percent (30%) will be released upon issuance of



Acceptance / Delivery Certificate from OGDCL to L/C beneficiary confirming receipt & acceptance of material along with submission of commercial invoice of remaining value.

14.3 Payment to Chinese companies shall be made in Renminbi. If prices are quoted in any other currency the order shall be placed in equivalent to Renminbi. Bid prices will be converted to the Renminbi at the selling exchange rate officially prescribed by State Bank of Pakistan for similar transaction on the date of opening of bids specified in the tender notice.


28/07/2021

Purchase Order # PROC-F _____ Accepted by:

Purchase Order Issuance Authority:
Oil & Gas Development Company Ltd.

Signature

Name of the signatory in Block Letters.....

Company Title of the Signatory.....

Company Seal.....

SYED EJAZ ABBAS RIZVI
Manager (SCM) Foreign
Oil & Gas Development Co. Ltd
Islamabad

(P)

**Information for 3rd Party Inspection against Purchase Order No.
PROC-FB/LCB/D-4778-A/770041/2021 for Procurement of Tricone & PDC
Bits along with Accessories**

1	Purchase Order No.	PROC-FB/LCB/D-4778-A/770041/2021 Dated: 26 th July, 2021
2	Amount of Purchase Order	USD 3,908,915/-
3	Name/address of Manufacturer	M/s Varel Europe SAS Route de pau, 65420 Ibos, France Tel # +33 559 144 825
4	Name/address of LC Beneficiary	As Above
5	Local Agent / Contact Person	M/s Petro Partners (Pvt) Ltd. 65-E, Pak Pavillion Plaza, Mezzanine Floor, Fazal-e-Haq Road, Blue Area, Islamabad. Tel # 051-2806157 info@petropartners.com.pk
6	Inspection Location & Address:	
7	Description of Material	As per Purchase Order No. PROC-FB/LCB/D-4778-A/770041/2021 (copy attached)
8	Scope of Work	As per attachment

Scope of Work for TPI

Full Process inspection will be carried out by nominated TPI Company at the manufacturing facility from the start of production (1st Day). In addition to full process inspection of the bits as per API 7-1, TPI Company will also perform the following tasks

- A. Verification of full ultrasonic inspection where applicable
- B. Verification of carats of each PDC Bit cutter (This information will also be provided on official letterhead as per clause 16 of TOR)
- C. Visual Inspection for any defects
- D. API Drift where applicable
- E. Verification that Cutters installed on PDC Bits being supplied to OGDCL are of USA origin.
- F. Verification of mill test certificates
- G. Verification that all equipment is brand new and unused
- H. Verification that all material (quantities & specifications) and documents are in accordance with Purchase order and API 7-1 Specifications
- I. Verification of all Raw Materials (required/used for manufacturing of bits) certificates for country of origin.
- J. Verification of documents for Carrat content against each size of cutters being supplied to OGDCL.