

OIL & GAS DEVELOPMENT COMPANY LIMITED



TENDER ENQUIRY NO. SERVICES/CB/DO-640000098/2022

HIRING OF UNDER BALANCE DRILLING SERVICES

HIRING OF UNDER BALANCED DRILLING SERVICES

Scope of Work

1. OGDCL invites comprehensive and competitive proposals from the service companies for provision of UBD/MPD services for 02 years at OGDCL wells.
2. The successful Service Company will provide the UBD/MPD equipment & services at ±04 OGDCL respective wells during two years period on rate running contract basis and extendable with mutual consent on same terms and condition. The volume of work can be increased or decreased according to OGDCL plan.
3. The services will include complete UBD/MPD package with the experienced crew and Nace as well as Non Nace DDVs with experienced crew as per OGDCL well plan.
4. The offered equipment is to be technically described on the given format at Annexure “A-1”
5. Financial Proposal to contain rates as per attached format.
6. 02 separate contracts may be awarded group wise as following and evaluation will be carried out accordingly.

- A. Group-I
- B. Group-II

Terms of Reference: -

1. The bidders are to quote the rates as per Rate format / financial evaluation and Financial evaluation will be carried out as per given format placed at Annexure-“A-4”.
2. The Company will have minimum 10 years experience of under balanced / manage pressure drilling services with minimum 10 Jobs conducted worldwide during 10 years. Record to be provided with the bid.
3. The Service Company should be capable (with respect to equipment inventory and personnel availability) to handle the OGDCL UBD/MPD job with sufficient back up and should be able to provide backup equipment from base in Pakistan during the job for un-interrupted operations.
4. The Service Company is to have established base office in Pakistan or give assurance to set up a base within 90 days after award of contract, to be able to supply equipment /personnel with back up set up as per job requirement.
5. In order to demonstrate its capability to perform such services, the bidders will have to provide equipment detail, technical data, details of base office in Pakistan,

sample job program, work history with details during the past five years, and any other information/data deemed helpful in establishing credibility of the bidder.

6. The Engineers/ Supervisor offered for the job will have minimum of Five (05) years active field experience of the similar jobs. CV's to be attached with proposals.
7. Proof to support the experience of the Company, detail of UBD/MPD contracts possessed during the last 10 years showing name of client with work detail to be provided.
8. The selected Service Company will be responsible for mobilization, demobilization, transportation of the equipment and personnel within and outside Pakistan as per cost to given in the rate format.
9. Security arrangement will be made by OGDCL at well site only.
10. Rate of consumables to be provided and will be charged only as per actual utilization at the well after verification from the site.
11. Bidder should quote standby rate maximum up to 70% of operating rate for equipment and personnel.
12. Provision of required HSD for UBD/MPD drilling equipment at site will be responsibility of OGDCL.
13. No standby charges are applicable for backup units. Only one unit will be charged either operating or standby.
14. Mobilization/ de-mobilization cost of equipment and personnel up to OGDCL well sites and back is to be provided per kilometer basis as per rate format and will be charged as per actual kilometer. The quoted rates to include all related charges. Company will coordinate with the contractor regarding travelling to work / field location as per Company's protocols.
15. Contractor must agree to provide services in all areas of Pakistan where OGDCL is working and will work as an operator especially in KPK and Baluchistan provinces.
16. COMPANY shall be responsible for boarding, lodging along with security for CONTRACTOR's personnel once at work / field location.
17. Bidders to provide Audited Financial report for last Three (03) years with the bid.
18. Technical evaluation committee members may physically inspect the inventory at contractor's base in or outside Pakistan if required.
19. Standby rental rate for Equipment and Personnel will be applicable during Rig up and Rig down of equipment and maximum 5 standby days will be given for rig up before operation starts and 03 days for rig down after job / operation completion. While decision making only, personnel standby rate will be applicable and maximum up to 04 days will be applicable for equipment. Standby rate will not be applicable when operating rate applies.
20. Reputed third party tool for group-II will be acceptable.

21. It is mandatory for bidder to participate in both groups (i.e. Group-I &II)

QA/QC

1. The bidder must have a Quality Policy in place approved by its management.
2. The bidder must have a Quality Management System in place. ISO 9001 or equivalent management Certification to be provided as proof in the bid response.
3. The bidder must provide its pre-job engineering and equipment checklist.

HSE

1. The bidder must have HSE Management system in place with assigned HSE Organization / Loss Prevention Policy and Loss Prevention Team in Pakistan.
2. The bidder must have an incident reporting system and system for Hazard Risk Analysis in place.
3. The bidder must have various HSE policies in place approved from its management like IT & Data Security Policy, HSE Policy.

Annexure-A-1**UNDERBALANCED DRILLING EQUIPMENT LIST****Technical Description of offered equipment to be submitted**

Item	Description	Qty. Each	Technical Description
Group-I			
1	Rotating Control Head c/w all fittings and lubrication panel	01	
2	Primary Compressors having minimum capability of 1000SCFM-350PSI.	03	
3	Boosters Compressors capable of producing 2500 SCFM- 2500PSI c/w engine and accessories for each hole size & depth at desired pressure.	02	
4	Emergency Shutdown valves and control panel systems	01	
5	Surface Handling System / Primary & Secondary Separation Units c/w all fittings	01	
6	UBD Choke Manifold c/w all fittings and MPD	01	
7	Closed Loop Circulating Tank System c/w all fittings	01	
8	Geological Sampling Equipment c/w all fittings	01	
9	Piping, valves, pumps and Flow/Flare Line c/w all accessories	01 Package	
10	Gas Flare System	01	
11	Fuel Storage Tank, Transfer Pumps & Lines	01	
12	String Floats (both dart & plunger type), subs and Pressure relief tools.	02	
13	Corrosion Control Equipment	02	
14	Nitrogen Supply System (Membrane type)	01	
15	Mist Pumps	02	
16	Intermediate Cooler Equipment will be maximum 5 years old with maximum 4000 running hours. (Proof is required)	01	
17	Chemical Injection Pumps	04	
18	Computer based data acquisition	01 Set	
19	Container – Cabin (Offices & stores)	01 Set	
20	Workshop Container	01	
21	Generator for UBD Package and Nitrogen Unit	01 Set	
Consumable Items List			
1.	Foaming Agents	As Required	
2.	De-Foaming Agents	As Required	

Item	Description	Qty. Each	Technical Description
3.	Anti-Corrosion Agents	As Required	
4.	Shale Inhibitors	As Required	
5.	H ₂ S Scavengers	As Required	
6.	Stripper Rubber	As Required	
7.	Metal Redress Kit for String Float Valve	As Required	
8.	Rubber Redress Kit for String Float Valve	As Required	
9.	Rotating Control Device Bowl Gasket	As Required	
10	Rotating Control Device Ring Gasket	As Required	
Group-II			
<u>Down hole Deployment Valve</u>			
DDV Rental Items			
1	Surface Spooling Unit.	01 EA	
2	Surface Control Unit	01 EA	
DDV Consumable / Sale Items			
1	9-5/8" Down hole Deployment Valve NACE certified Assembly	As Required	
2	7" Down hole Deployment Valve NACE certified Assembly	As Required	
3	9-5/8" Down hole Deployment Valve (None NACE) Assembly	As Required	
4	7" Down hole Deployment Valve(None NACE) Assembly	As Required	
5	5" Down hole Deployment Valve(NACE) Assembly	As Required	
6	5" Down hole Deployment Valve(None NACE) Assembly	As Required	
7	Crossover Assembly (if any)	As Required	
8	Control Line	As Required	
9	9-5/8" Control Line Protective Clamps	As Required	
10	7" Control Line Protective Clamps	As Required	
11	5" Control Line Protective Clamps	As Required	
11	Control Line Fluid	As Required	
12	Casing Hanger – Wellhead Penetration System	As Required	
13	9-5/8" Mid Joint Centralizers	As Required	
14	7" Mid Joint Centralizers	As Required	
15	5" Mid Joint Centralizers	As Required	

Annexure A-2

TECHNICAL EVALUATION CRITERIA

Group-I

S.No	Description	Weightage
1	Minimum 10 years experience of Company with proof and provision of 10 UBD/MPD services/ equipment with national/ International companies.	1 year=2.5 Marks Above 10 experience = 30 Marks 30%
2	Service Company's established base in Pakistan or assurance to set up a base within 90 days after issuance of LOI.	Established base in Pakistan = 15 marks. Assurance to establish base within 90 days= 12 marks. 15%
3	Availability of required inventory listed at Annexure "A-1 (Group-I)" with the Company to perform UBD / MPD jobs.	Fix 15 marks for Inventory 15%
4	Engineers/ Supervisors with Five (05) years experience in related work. Proof to support the experience is required. CVs to be provided.	01 year experience = 4 Marks Above 05 years experience= 25 Marks 25%
5	Provision of audited financial reports for last Three (03) years	01 year report= 4 marks Above 03 years = 15 Marks 15%

Technical evaluation will base upon above criteria. Minimum qualifying marks for discipline at S.No. 2, 4 & 5 are 75%, Overall aggregated marks for qualifying will be 80%.

Annexure A-3

TECHNICAL EVALUATION CRITERIA

Group-II

S.No	Description	Weightage
1	Minimum 10 years experience as manufacturer Company / supplier / service provider of DDV with national/ International companies along with proof.	1 year=2.5 marks Above 10 years experience= 30 Marks 30%
2	Compliance for specs of 9-5/8", 7" & 5" DDVs (Nace & Non-Nace) along with all associated accessories.	Fix 20 marks 20%
3	DDV Operator/ Supervisor with Five (05) years experience in related work. Proof to support the experience is required. CVs to be provided.	01-year experience = 3 marks Above 05 years experience = 20 marks 20%
4	Bidder to provide inventory listed at Annexure "A-1 (Group-II)"	Fix 15 Marks 15%
5	Bidder to provide supply record of said DDVs for last 05 years	01 Purchase/service order per year =2.5 marks Supply record exceeding 05 years = 15 Marks 15%

Technical evaluation will base upon above criteria. Minimum qualifying marks for discipline at S.No. 3 & 5 are 75%, Overall aggregated marks for qualifying will be 80%.

RATE FORMAT / FINANCIAL EVALUATION CRITERIA

Sr. #	Description	Unit Rate (US\$)	Quantity	Total Cost (US\$)
Group-I				
UNDERBALANCED DRILLING				
1	Lump sum UBD Package Operating rate		30 Days	
2	Lump sum UBD Package Standby rate		08 Days	
3	Crew Operating rate		30 Days	
4	Crew Stand by rate		08 Days	
5	Mob/De-mob of Equipment Full package		2000 KM	
6	Mob/De-mob of Crew		2000 KM	
MPD DRILLING				
7	Lump sum MPD Package Operating rate		80 Days	
8	Lump sum MPD Package Standby rate		08 Days	
9	Crew Operating rate		80 Days	
10	Crew Stand by rate		08 Days	
11	Mob/De-mob of MPD Equipment Full package		2000 KM	
12	Mob/De-mob of Crew		2000 KM	
CONSUMABLES				
13	Foaming Agents(01 drum=55 gallon)		80 Drums	
14	De foaming Agents(01 drum=55 gallon)		30 Drums	
15	Anti- Corrosion Agents(01 drum=55 gallon)		30 Drums	
16	Shale Inhibitors(01 drum=55 gallon)		10 Drums	
17	H2S Scavengers (01 drum=55 gallon)		10 Drums	
18	Natural Stripper Rubber for High pressure Rotating Control Device (RCD)		40 No	
19	Poly Stripper Rubber for High pressure Rotating Control Device (RCD)		40 No	
20	Nitrile (HNBR) Stripper Rubber for High pressure Rotating Control Device (RCD)		04 No	
21	Stripper Rubber for low pressure Rotating Control Device (RCD)		04 No	
22	Rotating control Device (RCD) Ring Gasket		04 No	
23	Rotating control Device (RCD) Bowl Gasket		12 No	
24	Metal Redress Kit for String Float Valve		10 No	
25	Rubber Redress Kit for String Float Valve		10 No	
26	Lubricants for Engine (per hour rate)		2500 Hrs	
A	Total estimated cost of 01 UBD well + 01 MPD well during one year (US \$)			
B	Total estimated cost for 02 Years			

Group-II				
Sr. #	Description	Unit Rate (US\$)	Quantity	Total Cost (US\$)
DOWN HOLE DEPLOYMENT VALVE (DDV)				
1	Rental Surface Spooling rate		30 Days	
2	Rental Surface Control rate		30 Days	
DOWN HOLE DEPLOYMENT VALVE CONSUMABLE/ SALE ITEMS				
3	9-5/8" DDV (None NACE) Assembly price		01 No	
4	9-5/8" DDV (NACE) Assembly price		01 No	
5	7" DDV (None NACE) Assembly price		01 No	
6	7" DDV (NACE) Assembly price		01 No	
7	5" DDV (None NACE) Assembly unit sale price		0.001 No	
8	5" DDV (NACE) Assembly unit sale price		0.001 No	
9	Crossover Assembly with customer specified Connections price		01 No	
10	Control Line price		3000 Feet	
11	9-5/8" control line protective clamp price		20 No	
12	7" control line protective clamp price		20 No	
13	5" control line protective clamp unit sale price		0.001 No	
14	Casing Hanger – Wellhead Penetration System price		01 No	
15	9-5/8" DDV Mid Joint Centralizer price		01 No	
16	7" DDV Mid Joint Centralizer price		01 No	
17	5" DDV Mid Joint Centralizer unit sale price		0.001 No	
Crew Charges for DDV				
18	DDV Operating crew charges (Lump sum)		30 Days	
19	DDV Stand by crew charges (Lump sum)		08 Days	
Equipment & Personnel Mob/De-mob Charges				
20	DDV along with X-overs along with all associated accessories Mob/ De-mob		2000 KM	
21	Crew Mob / De-mob		2000 KM	
A	DDV estimated cost for 01 well (US \$)			
B	DDV estimated cost for 02 wells (US \$) for 02 years			

Note: -

- No charges will be paid for any mobilization of equipment and engineer from abroad.
- Bidder shall quote Standby rate up to maximum 70% of daily operating rate of crew and equipment in the quoted rates. In case standby quoted rates are above 70%, then evaluation & payment will be made on 70%.
- Payment shall be made on each job basis at actual against verified invoices.
- Above prices are inclusive of all taxes duties, levies etc (Except ICT/PST) as per Draft Contract Clause # 05.

OTHER IMPORTANT INFORMATION

BIDDING METHOD:

Bids against this tender are invited on 'single stage Two envelop'

AMOUNT OF BID BOND/PBG:

- Bid Bond /Bid Security amounting groups wise are to be attached / provided with the technical bid. Please see Master Set of Tender Document for further details.

Description	Bid Bond Amount (USD)
GROUP A	85,000.00
GROUP B	18,000.00

MANDATORY REQUIREMENT

For online payment to vendors/contractors through (IBFT & LFT). Following info is required from your company: -

1. IBAN (INTERNATIONAL BANK ACCOUNT NUMBER 24 DIGITS).
2. VENDOR NAME AS PER TITLE OF THEIR BANK ACCOUNT.
3. NTN NO.
4. CONTACT # OF COMPANY CEO/OWNER (MOBILE & LANDLINE).
5. POSTAL ADDRESS.
6. BANK NAME.
7. BANK BRANCH NAME & ADDRESS.

The master set of tender documents (services) uploaded on OGDCL's website (www.ogdcl.com) is the integral part of this TOR.

Bidders are requested to read **TOR, "CLARIFICATION - ONLINE TRANSFER OF FUNDS TO OGDCL" & Master Set** to Tender Documents (Services) and provide complete information / documents including tender annexures with the bid.