

**TERMS OF REFERENCE (TOR)
FOR
ACQUIRING DST AND FLEX TEST SERVICES AT
10K DOWNHOLE/10K SURFACE PRESSURE
CONDITIONS WITH DOWNHOLE
TEMPERATURE CONDITIONS OF 340°F (GROUP-
A) AND 392° F (GROUP-B)**



**TENDER ENQUIRY # PROC-
SERVICES/CB/PROD-4534/2019**

HIRING OF DST SERVICES

TERMS OF REFERENCE / SCOPE OF WORK

1. SCOPE OF WORK:

GROUP "A":

Hiring of DST services with following operational conditions

1. Pressure Conditions: Upto 10,000 Psi downhole as well as Surface conditions
2. Down Hole Temperature Conditions: Upto 340 °F/171 °C

Tentative Scope of work: Estimated 21 wells located anywhere in Pakistan over a period of three (03) years.

GROUP "B":

Hiring of DST services with following operational conditions

1. Pressure Conditions: Upto 10,000 Psi downhole as well as Surface conditions
2. Down Hole Temperature Conditions: Up to 392 °F/200 °C

Tentative Scope of work: Estimated 09 wells located anywhere in Pakistan over a period of three (03) years.

2. CRITERIA FOR PARTICIPATING IN BIDDING PROCESS:

- 2.1 **GROUP "A":** Company's capability in terms of equipment and crew to perform job on Deep wells (+5200 meters) with/without H₂S/CO₂ environment simultaneously on 02 OGDCL wells.
- 2.2 **GROUP "B":** Company's capability in terms of equipment and crew to perform job on Deep wells (+5200 meters) with/without H₂S/CO₂ environment simultaneously on 02 OGDCL wells.
- 2.3 **GROUP "A" & Group "B":** Company's capability in terms of equipment and crew to perform job on Deep wells (+5200 meters) with/without H₂S/CO₂ environment simultaneously on 04 OGDCL wells.

3. General Terms and Conditions for All Groups:

- 3.1 Bidders quoting for both groups have to submit single technical bid clearly mentioning on front page the group/groups for which the bid is being submitted, however financial proposal to be submitted separately for each group. Combined financial bids for multiple groups will not be accepted.
- 3.2 The bidders will be evaluated separately for each Group. Contract will be awarded to lowest evaluated bidder separately for each group.
- 3.3 All certificates, documents, proof of work etc. should be in English language; if not then they shall be accompanied with certified translation to English language to be considered for evaluation.
- 3.4 All QHSE responsibility shall rest with the contractor for any third party equipment and personnel supplied by the contractor.
- 3.5 All the equipment should be in good working condition for the performance of the services, provide calibration certification and third party inspection certificates.
- 3.6 Contractor will provide Check List of Equipment, Tools and other accessories before mobilizing to wellsite.

- 3.7 Bidder to arrange all safety equipment/services at their own for their personnel's whichever is required by them for working in extreme H₂S environment with no additional cost to OGDCL.
- 3.8 Adequate back-up services / equipment should be available at well site. However, OGDCL will not pay for backup equipment.
- 3.9 All technical details for items specified in Section "Technical Evaluation Criteria" must be covered in the Technical Bid.
- 3.10 The Equipment and crew have to work round the clock as per operational requirement.
- 3.11 Bidders to attach unpriced financial bids in their technical bids.
- 3.12 Bidder to submit their technical bids in Hard as well as in soft form.
- 3.13 All equipment must be H₂S/CO₂ compliant.
- 3.14 Maximum notice period for each call-out is 5 - 6 days and maximum transit time from company base to OGDCL location is 3 - 4 days.
- 3.15 Successful bidder will provide the same personnel mentioned in their bid to carryout jobs. In case the service company engages the personnel other than those mentioned in their bid, the educational and experience certificate must be provided before his mobilization. In case company fails to provide the necessary documentation, OGDCL reserves the right to cancel the personnel charges both operating and standby for that particular job.
- 3.16 The bidder to provide complete list of personnel to be deployed for the jobs along with detailed CV's highlighting the details of the completed jobs, level of competence of key personnel that will be involved in design, supervision and implementation, and provide necessary support during the job.
- 3.17 The type and number of jobs performed by personnel must be clearly mentioned on CV.
- 3.18 OGDCL reserves the right to ask bidder for the replacement of any of their personnel who is / are unacceptable to OGDCL for his / their incompetence or misbehavior at Contract holder's expense.
- 3.19 If during job, it is ascertained that the service company is unable to perform / accomplish the job satisfactorily, OGDCL reserves the right to demobilize the service company.
- 3.20 Invoice for unsuccessful jobs will not be paid.
- 3.21 Bidder must quote the cost of every item of financial bid format otherwise incomplete bid will not be entertained. Bidder must strictly follow and quote prices as per financial bid format. No clause with "if & but" having financial impacts will be entertained and in such case bid will be treated as nonresponsive.
- 3.22 A price list of additional / relevant equipment / services must be provided with the bid document which will be used as reference for obtaining approvals.
- 3.23 Mob/De-Mob charges for equipment & crew will only be applicable if transport is not provided by OGDCL and will be calculated as per OGDCL distance chart for the locations covered in the chart and as per actual for the locations which are not covered in OGDCL location distance chart.
- 3.24 DST and Flex test equipment will be mobilized together or as per OGDCL requirement.
- 3.25 Daily operating charges for each DST (both Crew & Equipment) will commence when the DST packer is picked up to Rig floor, lowered into well bore, gauges started and will cease when the same is pulled out of the hole.

- 3.26 There will be two free standby days for flex test equipment before start of flex test job.
- 3.27 OGDCL will pay standby charges if applicable for flex test equipment and crew before start of DST. No standby charges for DST equipment and crew are admissible till completion of flex test.
- 3.28 There will be no standby charges for flex test equipment and crew after completion of flex test.
- 3.29 OGDCL may use only DST control head along with crew during various operations at rig site. Payment to the service company against use of DST Control head with crew to be made as per following criteria.
- DST control head Operating charges = 25% of Operating charges of DST equipment
 - Control head crew Operating charges = 25% of Operating charges of DST crew.
 - These charges will not be applicable during DST operations.
- 3.30 If any of the services covered under this contract are in operation, standby charges for rest of the services along with crew are not applicable.
- 3.31 There will be 02 free DST equipment standby days, each before the start of first DST after flex test as well as after the completion of last DST while 05 equipment standby days will be free of cost between successive DST jobs.
- 3.32 DST may be carried out in extreme H₂S and CO₂ environment.
- 3.33 Coil tubing jobs (Nitrogen Kick off & acid stimulation), Acid & Hydraulic Fracturing and other such jobs may be performed during DST operation.
- 3.34 Partial availability of crew or equipment at location will not attract any charges. During traveling (mobilization/de-mobilization) phase, no operating/stand-by/rental charges will be admissible and only Mob-De-Mob will be payable (if transport is not provided by OGDCL).
- 3.35 Fuel, oil and lubricants/transport that may be required by service company for operational purpose will be charged to service company as per actual and the cost will be deducted from the invoice.
- 3.36 Daily Operating and standby charges of equipment and crew, if applicable must remain uniform/fixed for all days wherever these charges are applicable.
- 3.37 If, after mobilization / reporting at site, job is cancelled then only mobilization / de-mobilization charges for crew / equipment will be paid. No job cancellation charges are admissible.
- 3.38 The standby rates of equipment and personnel must not exceed 50% of operating charges for all equipment / crew.
- 3.39 The number of days, number of jobs/wells and millage are for evaluation purpose only, payment will be made as per actual.
- 3.40 No Mob/Demob charges for equipment and crew shall be applicable for well to well movement within the same field.
- 3.41 Boarding / Lodging and laundry services would be provided free of cost by OGDCL to the service company crew while working in the field/Rig site.
- 3.42 The lost in hole (LIH) will be paid by OGDCL as per following criteria subject to the condition that there is no malfunctioning of service company equipment and loss is due to abnormal well conditions.
- 40 % of Landed cost of Equipment/tools which are less than three years old.

- 30% of Landed cost of Equipment/tools which are equal to or more than three years old.
- 3.43 Bidder to confirm compliance to OGDCL's HSEQ policy.
- 3.44 Bidder to provide free of cost the hard copies as well as the soft copies of detailed DST interpretation report to OGDCL.
- 3.45 Bidder to Provide Data of minimum Two (02) Down hole memory Gauges for a DST job to ensure the integrity of data. DST invoice will not be paid in case bidder fails to provide the data of Two (02) downhole memory gauges for a DST job.
- 3.46 Bidder must give "Clean acceptance certificate" of OGDCL terms and conditions and withdraw all exceptions, if any.
- 3.47 The scope of work for each group is tentative. OGDCL may increase or decrease the scope of work without any change in rates and terms & conditions.

4. Duration of Contract:

4.1 The duration of the contract for each group is three (03) years therefore the Bid proposal/rates should remain valid unconditionally during the period of contract. The Rate Running Contract (as and when required basis) will remain intact till the completion of jobs on wells where Service Company is mobilized for the job during the contract period. Any extension in term of Contract will be subject to mutual consent of both the parties in writing at same rates & same terms and conditions.

5. Payment Terms:

- 5.1 The payments to the Service Company will be made through cross cheque in 100% Pak Rupees, at actual, against verified invoices at official exchange rate prevalent on the date of payment.
- 5.2 The prices quoted by bidder in financial bid are to be in US\$ and should be fixed/firm and are inclusive of all applicable taxes, duties and Levies etc. except Provincial Sales Tax/ICT Tax on Services.

6. Bid Bond:

- 6.1 Bid Bond/Bid Security for Group "A" amounting to USD 25,200/- (US Dollars Twenty Five Thousand Two Hundred Only) is to be attached/provided with Technical bid. Please see Master Set of Tender Document for further details.
- 6.2 Bid Bond/Bid Security for Group "B" amounting to USD 10,800/- (US Dollars Ten Thousand Eight Hundred Only) is to be attached/provided with Technical bid. Please see Master Set of Tender Document for further details.

7. Mode of Procurement:

7.1 Bids against this tender are invited on "**Single Stage Two Envelope Bidding Procedure**" through press tendering, therefore, the bidders shall submit original and copy of their Technical and one original Financial bid.

Note: The Master Set of Tender Documents for Services uploaded on OGDCL's website (www.ogdcl.com) is the integral part of this TOR.

TECHNICAL EVALUATION

DOCUMENTATION FOR TECHNICAL EVALUATION

Bidders are required to provide the following details along with the bid documents:

1. Complete list of personnel to be deployed for the jobs as mentioned in technical evaluation criteria along with detailed CV's highlighting the number of completed jobs, level of competence of key personnel that will be involved in design, supervision and implementation, and provide necessary support during the jobs (both primary and backup crews). Note that the defined crew members shall not be changed without the prior consent of the Company.
2. Detailed list of necessary equipment (inventory) to perform the DST jobs in safe and efficient manner along with their pressure and temperature ratings.
3. Complete list and details of available backup and support services.
4. Third party certification of all the equipment etc. along with dates of last testing/inspection.
5. Provide references for clients for whom these jobs (as mentioned in technical evaluation criteria) have been performed with contact person's name, designation & details.

TECHNICAL EVALUATION CRITERIA

1. Only technically qualified bidder(s) will be considered for commercial evaluation.
2. OGDCL reserves the right to visit bidder's operational base and check inventory and verify the information provided in the bid at any stage during the evaluation of the bids.
3. Bidder to provide documentary evidence for each criterion where proof is demanded. Provide documents, photographs for inventory claims.
4. All the bidders must fulfill the requirements below to technically qualify. In case they do not fulfill any of the below mentioned technical criteria their bid will not be acceptable. All the bidders are required to submit the below tables as per the given pattern.
5. Availability of all equipment and crew to be required in Pakistan at the time of bidding.

GROUP "A":

1. EQUIPMENT

| <u>DST and Flex Test Tools</u> | | | |
|---|--|------|--------------|
| Pressure Conditions = Upto 10,000 Psi downhole as well as Surface conditions | | | |
| Down Hole Temperature Conditions = Up to 340 °F/171 °C | | | |
| Sr. | Tools Description | Qty. | Availability |
| 1 | Mule Shoe/Wireline Re Entry Guide | 3 | Yes/No |
| 2 | 9-5/8" DST Packer | 2 | Yes/No |
| 3 | 7" DST Packer | 6 | Yes/No |
| 4 | Safety Joint | 6 | Yes/No |
| 5 | Hydraulic Jar | 6 | Yes/No |
| 6 | RTTS Circulating Valve | 6 | Yes/No |
| 7 | In stream Gauge carrier | 6 | Yes/No |
| 8 | Down hole Electronic Memory Gauges | 12 | Yes/No |
| 9 | Annulus Response Tester Valve | 6 | Yes/No |
| 10 | RD Annulus Pressure Operated Reversing Valve | 6 | Yes/No |

| | | | |
|----|-----------------------------|--------|--------|
| 11 | Slip Joint | 6 | Yes/No |
| 12 | Control Head | 3 | Yes/No |
| 13 | Complete Surface Piping set | 3 | Yes/No |
| 14 | All Necessary Cross Overs | 3 | Yes/No |
| 15 | Choke manifold | 3 | Yes/No |
| 16 | Flex Test Tools | 3 Sets | Yes/No |

| <u>Slim Hole DST and Flex Test Tools</u> | | | |
|---|--|-------------|---------------------|
| Pressure Conditions = Upto 10,000 Psi downhole as well as Surface conditions | | | |
| Temperature Conditions = Down hole temperature upto 340 °F/171 °C | | | |
| Sr. | Tools Description | Qty. | Availability |
| 1 | Mule Shoe/Wireline Re Entry Guide | 1 | Yes/No |
| 2 | 5" DST Packer | 2 | Yes/No |
| 3 | Safety Joint | 2 | Yes/No |
| 4 | Hydraulic Jar | 2 | Yes/No |
| 5 | RTTS Circulating Valve | 2 | Yes/No |
| 6 | In stream Gauge carrier | 2 | Yes/No |
| 7 | Down hole Electronic Memory Gauges | 4 | Yes/No |
| 8 | Annulus Response Tester Valve | 2 | Yes/No |
| 9 | RD Annulus Pressure Operated Reversing Valve | 2 | Yes/No |
| 10 | Slip Joint | 2 | Yes/No |
| 11 | Control Head | 1 | Yes/No |
| 12 | Complete Surface Piping set | 1 | Yes/No |
| 13 | All Necessary Cross Overs | 2 | Yes/No |
| 14 | Choke manifold | 1 | Yes/No |
| 15 | Flex Test Tools | 1 set | Yes/No |

2. CREW

| Sr. | Qualification/Experience of crew members | Availability |
|------------|--|---------------------|
| 1 | <p>DST Engineers (at least 3 Engineers) Graduate Engineer with minimum five (5) years of exclusive experience of planning, designing and executing DST operations along with relevant training(s) and certified courses etc. Must have Designed and Performed 20 DST jobs during his career. (Attach CV and Training/Certificates)</p> | Yes/No |
| 2 | <p>DST Operators (at least 3 Operators) DAE (03 Years) with minimum five (5) years of exclusive experience of executing DST operations along with relevant training(s) and certified courses etc. Must have Performed 50 DST jobs during his career. (Attach CV and Training/Certificates)</p> | Yes/No |
| 3 | <p>EMR Gauge Specialist (at least 3 Specialist) DAE (03 Years) with minimum five (5) years of exclusive experience executing DST operations along with relevant training(s) and certified courses etc. Must have Performed 50 DST jobs during his career.</p> | Yes/No |

| | | |
|---|--|--------|
| | (Attach CV and Training/Certificates) | |
| 4 | Well Head Operators (at least 3 Operators) 10 Years of Education with minimum five (5) years of exclusive experience of executing DST operations along with relevant training(s) and certified courses etc. Must have Performed 50 DST jobs during his career. (Attach CV and Training/Certificates) | Yes/No |

3. Company Profile

| Sr. | Description | Availability |
|------------|---|---------------------|
| 1 | Bidder's History (attach proof) | |
| 1.1 | Company registered in Pakistan or elsewhere with minimum registration period of 03 Years. | Yes/No |
| 1.2 | 03 Years' experience of providing DST services to E & P Companies around the globe. Provide Job Tickets/contracts to confirm the same. | Yes/No |
| 1.3 | Company has provided DST services to E & P companies on at least 50 wells around the globe. Provide proof. | Yes/No |
| 2 | Bidder's Capabilities | |
| 2.1 | Capability in terms of equipment and crew to perform job on Deep wells (+5200 meters) with H ₂ S/CO ₂ environment simultaneously on 02 OGDCL wells. | Yes/No |

GROUP "B":

4. EQUIPMENT

| <u>DST and Flex Test Tools</u> | | | |
|---|--|-------------|---------------------|
| Pressure Conditions = Upto 10,000 Psi downhole as well as Surface conditions | | | |
| Temperature Conditions = Down hole temperature upto 392 °F/177 °C | | | |
| Sr. | Tools Description | Qty. | Availability |
| 1 | Mule Shoe/Wireline Re Entry Guide | 2 | Yes/No |
| 2 | 9-5/8" DST Packer | 2 | Yes/No |
| 3 | 7" DST Packer | 4 | Yes/No |
| 4 | Safety Joint | 4 | Yes/No |
| 5 | Hydraulic Jar | 4 | Yes/No |
| 6 | RTTS Circulating Valve | 4 | Yes/No |
| 7 | In stream Gauge carrier | 4 | Yes/No |
| 8 | Down hole Electronic Memory Gauges | 4 | Yes/No |
| 9 | Annulus Response Tester Valve | 4 | Yes/No |
| 10 | RD Annulus Pressure Operated Reversing Valve | 4 | Yes/No |
| 11 | Slip Joint | 4 | Yes/No |
| 12 | Control Head | 2 | Yes/No |
| 13 | Complete Surface Piping set | 2 | Yes/No |
| 14 | All Necessary Cross Overs | 2 | Yes/No |
| 15 | Choke manifold | 2 | Yes/No |
| 16 | Flex Test Tools | 2 sets | Yes/No |

Slim Hole DST and Flex Test Tools

Pressure Conditions = Upto 10,000 Psi downhole as well as Surface conditions

Temperature Conditions = Down hole temperature upto 392 °F/177 °C

| Sr. | Tools Description | Qty. | Availability |
|-----|--|-------|--------------|
| 1 | Mule Shoe/Wireline Re Entry Guide | 1 | Yes/No |
| 2 | 5" DST Packer | 2 | Yes/No |
| 3 | Safety Joint | 2 | Yes/No |
| 4 | Hydraulic Jar | 2 | Yes/No |
| 5 | RTTS Circulating Valve | 2 | Yes/No |
| 6 | In stream Gauge carrier | 2 | Yes/No |
| 7 | Down hole Electronic Memory Gauges | 4 | Yes/No |
| 8 | Annulus Response Tester Valve | 2 | Yes/No |
| 9 | RD Annulus Pressure Operated Reversing Valve | 2 | Yes/No |
| 10 | Slip Joint | 2 | Yes/No |
| 11 | Control Head | 1 | Yes/No |
| 12 | Complete Surface Piping set | 1 | Yes/No |
| 13 | All Necessary Cross Overs | 2 | Yes/No |
| 14 | Choke manifold | 1 | Yes/No |
| 15 | Flex Test Tools | 1 set | Yes/No |

5. CREW

| Sr. | Qualification/Experience of crew members | Availability |
|-----|---|--------------|
| 1 | DST Engineers (at least 2 Engineers) Graduate Engineer with minimum five (5) years of exclusive experience of planning, designing and executing DST operations along with relevant training(s) and certified courses etc. Must have Designed and Performed 20 DST jobs during his career. (Attach CV and Training/Certificates) | Yes/No |
| 2 | DST Operators (at least 2 Operators) DAE (03 Years) with minimum five (5) years of exclusive experience of executing DST operations along with relevant training(s) and certified courses etc. Must have Performed 50 DST jobs during his career. (Attach CV and Training/Certificates) | Yes/No |
| 3 | EMR Gauge Specialist (at least 2 Specialist) DAE (03 Years) with minimum five (5) years of exclusive experience executing DST operations along with relevant training(s) and certified courses etc. Must have Performed 50 DST jobs during his career. (Attach CV and Training/Certificates) | Yes/No |
| 4 | Well Head Operators (at least 2 Operators) 10 Years of Education with minimum five (5) years of exclusive experience of executing DST operations along with relevant training(s) and certified courses etc. Must have Performed 50 DST jobs during his career. (Attach CV and Training/Certificates) | Yes/No |

6. Company Profile

| Sr. | Description | Availability |
|-----|-------------|--------------|
|-----|-------------|--------------|

| | | |
|-----|--|--------|
| 1 | Bidder's History (attach proof) | |
| 1.1 | Company registered in Pakistan or elsewhere with minimum registration period of 03 Years. | Yes/No |
| 1.2 | 03 Years' experience of providing DST services to E & P Companies around the globe. Provide Job Tickets/contracts to confirm the same. | Yes/No |
| 1.3 | Company has provided DST services to E & P companies on at least 50 wells around the globe. Provide proof. | Yes/No |
| 2 | Bidder's Capabilities | |
| 2.1 | Capability in terms of equipment and crew to perform job on Deep wells upto +5200 meters with H ₂ S/CO ₂ environment simultaneously on 02 OGDCL wells. | Yes/No |

HSE for all Groups

| Sr. | Description | Availability |
|------------|---|---------------------|
| 1 | Written and approved HSE and Quality Policy | Yes/No |
| 2 | QHSE Management System in line with International Standards available to cater HSE risks. Or Management System not available however, procedures are available to fulfill minimum QHSE requirements (i.e. Risk Assessment, Environmental risks, Emergency Response Procedures waste management etc.) Note: Copies of QHSE Management System procedures to be attached. | Yes/No |
| 3 | QHSE Responsibilities (CV's to be attached) | Yes/No |
| 3.1 | Dedicated QHSE person available to handle QHSE matters. Please provide Job Responsibilities and Quality Inspection Plan. | Yes/No |
| 3.2 | QHSE Responsibilities given to Supervisor in addition to technical job responsibilities | Yes/No |
| 4 | Hazard Identification & Risk Assessment | Yes/No |
| 4.1 | Hazard Identification & Risk Assessment / Job Hazard Analysis are conducted before start of project and appropriate preventive measures taken to address hazards. Copies of previously conducted similar assessments to be attached | Yes/No |
| 5 | Equipment & Tools | Yes/No |
| 5.1 | Maintenance records of all equipment / tools available | Yes/No |
| 5.2 | Third party validity certificates of equipment / tools available | Yes/No |
| 6 | Emergency Response Procedure | Yes/No |
| 6.1 | Approved Emergency Response Plan available with responsibilities shall be shared with OGDCL | Yes/No |
| 7 | HSE Legal / Regulatory Compliance. | Yes/No |
| 7.1 | Contractor shall comply with Health & Safety Regulations Mines Act 1923, The Oil & Gas (Safety In Drilling & Production Regulations 1974) | Yes/No |
| 7.2 | Contractor shall comply with Environmental Protection ACT 1997 and National Environmental Quality Standards | Yes/No |
| 8 | QHSE Trainings | Yes/No |
| 8.1 | All staff is trained is in basic QHSE trainings i.e. Fire Fighting, First aid, H ₂ S. Please provide details / records of the crew. | Yes/No |
| 8.2 | Staff receives specialized QHSE trainings with respect to their jobs | Yes/No |
| 9 | Personal Protective Equipment | Yes/No |
| 9.1 | All required personal protective equipment available to all its staff and subcontractors. | Yes/No |
| 10 | Permit to work | Yes/No |
| 10.1 | PTW system available and strictly followed | Yes/No |

FINANCIAL EVALUATION CRITERIA/RATE FORMAT

| GROUP "A" | | | | | |
|---|--|-----------|-------------|---------------|----------------------|
| <u>10K DOWNHOLE/ 10K SURFACE PRESSURE CONDITIONS FOR DST AND FLEX TEST SERVICES WITH DOWNHOLE TEMPERATURE CONDITIONS OF 340 °F</u> | | | | | |
| Sr | Description | Qty. (Q) | UOM (U) | Unit cost (P) | Total Cost T=P x Q |
| | | | | US\$/UOM | US\$ |
| 1 | DST Equipment - Operating | 10 | Day | | |
| 2 | DST Equipment - Standby | 1 | Day | | |
| 3 | DST Personnel- Operating | 10 | Day | | |
| 4 | DST Personnel - Standby | 4 | Day | | |
| 5 | Total for One DST | 1 | Test | | =Sum(T1:T4) |
| 6 | Total for 03 DSTs/well | 3 | Test | | =3 *T5 |
| 7 | Flex Test Equipment - Operating | 4 | Days | | |
| 8 | Flex Test Equipment - Standby | 1 | Day | | |
| 9 | Flex Test Personnel - Operating | 4 | Day | | |
| 10 | Flex Test Personnel - Standby | 3 | Day | | |
| 11 | DST+Flex Test Equipment Mob/De-mob | 2,600 | Km | | |
| 12 | DST+Flex Test Personnel Mob/De-mob | 2,600 | Km | | |
| 13 | Total cost for Flex Test and Mob/De-mob | 1 | No. | | = Sum(T7:T12) |
| 14 | Cost/Well | 1 | Well | | = T6+T13 |
| 15 | Total Cost (estimated) for 21 wells | 21 | Well | | =21 *T14 |

Note:

- The bidder scoring lowest in the above table as **Total Cost (estimated) for 21 Wells (Sr. 15)** shall be the financially lowest.
- Number of Days, DSTs/well, Millage etc. mentioned are for evaluation purposes only however, payment will be made as per actual.
- OGDCL may use only DST control head along with crew during various operations during testing phase at rig site. Payment to the service company against use of DST Control head with crew to be made as per following criteria.
 - DST control head Operating charges = 25% of Operating charges of DST equipment
 - Control head crew Operating charges = 25% of Operating charges of DST crew.
 - These charges will not be applicable during DST operations.

| GROUP "B" | | | | | |
|---|--|-----------|-------------|---------------|---------------------|
| <u>10K DOWNHOLE/ 10K SURFACE PRESSURE CONDITIONS FOR DST AND FLEX TEST SERVICES WITH DOWNHOLE TEMPERATURE CONDITIONS OF 392 °F</u> | | | | | |
| Sr | Description | Qty. (Q) | UOM (U) | Unit cost (P) | Total Cost T=P x Q |
| | | | | US\$/UOM | US\$ |
| 1 | DST Equipment - Operating | 10 | Day | | |
| 2 | DST Equipment - Standby | 1 | Day | | |
| 3 | DST Personnel- Operating | 10 | Day | | |
| 4 | DST Personnel - Standby | 4 | Day | | |
| 5 | Total for One DST | 1 | Test | | =Sum(T1:T4) |
| 6 | Total for 03 DSTs/well | 3 | Test | | =3 *T5 |
| 7 | Flex Test Equipment - Operating | 4 | Days | | |
| 8 | Flex Test Equipment – Standby | 1 | Day | | |
| 9 | Flex Test Personnel - Operating | 4 | Day | | |
| 10 | Flex Test Personnel – Standby | 3 | Day | | |
| 11 | DST+Flex Test Equipment Mob/De-mob | 2,600 | Km | | |
| 12 | DST+Flex Test Personnel Mob/De-mob | 2,600 | Km | | |
| 13 | Total cost for Flex Test and Mob/De-mob | 1 | No. | | =Sum(T7:T12) |
| 14 | Cost/Well | 1 | Well | | = T6+T13 |
| 15 | Total Cost (estimated) for 09 wells | 09 | Well | | = 9 *T14 |

Note:

- The bidder scoring lowest in the above table as **Total Cost (estimated) for 09 Wells (Sr. 15)** shall be the financially lowest.
- Number of Days, DSTs/well, Millage etc. mentioned are for evaluation purposes only however, payment will be made as per actual.
- OGDCL may use only DST control head along with crew during various operations during testing phase at rig site. Payment to the service company against use of DST Control head with crew to be made as per following criteria.
 - DST control head Operating charges = 25% of Operating charges of DST equipment
 - Control head crew Operating charges = 25% of Operating charges of DST crew.
 - These charges will not be applicable during DST operations.