

## TECHNICAL EVALUATION REPORT

**RFP NO.:** OGDCL-SCM-SERVICES-CB-CEM-235843563-2024

**DESCRIPTION OF THE RFP:** HIRING OF CEMENTATION SERVICES ALONG WITH CEMENT CLASS-G CEMENT SLURRIES, PRE-FLUSHES AND ADDITIVES FOR WELLS-RIGS IN SOUTH REGION (SINDH AND BALUCHISTAN PROVINCES)

**TECHNICAL BID OPENING DATE:** 09-05-2024

S. No.	Name of Bidder	Status (Technically Responsive/ Non- Responsive)	Remarks (Reasons of Rejection)
1	M/S HALLIBURTON WORLDWIDE LIMITED	Technically Responsive	-----
2	M/S SPRINT OIL & GAS SERVICES FZC	Technically Responsive	-----
3	M/S DOWELL SCHLUMBERGER(WESTERN) S.A.	Technically Responsive	-----

Name	JAVED IQBAL	WAJID ALI	SUMMER NOUMAN
Designation	CE (CMT)	CHIEF ENGR. (CMT)	SR. ENGR. (CMT)
Extension	2303	2380	2572

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*Wajid Ali*  
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**WAJID ALI**  
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*Summer Nouman*  
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**Note:**

1. Bidder may submit grievance within Seven (07) days of announcement of Technical Evaluation Report.
2. The grievance if any shall be sent to [bgrc@ogdcl.com](mailto:bgrc@ogdcl.com) as per format available on OGDCL website.

## TECHNICAL EVALUATION SUMMARY

S.No	Description	Points/Weightage	Points/Weightage Obtained		
			Halliburton	Sprint	Schlumberger
1	Equipment	276	266	265	272
		35%	33.73%	33.60%	34.49%
2	Personnel	55	45	55	53
		25%	20.45%	25%	24.09%
3	Contractor Experience	20	20	15	20
		10%	10%	7.50%	10%
4	Operational Support Base including API Lab facilities	89	82	89	89
		20%	18.43%	20%	20%
5	Research & Development/Technology Solutions	60	60	60	60
		10%	10%	10%	10%
<b>Total Points</b>		<b>500</b>	<b>473</b>	<b>484</b>	<b>494</b>
<b>Total Weighatge</b>		<b>100%</b>	<b>92.61%</b>	<b>96.10%</b>	<b>98.58%</b>

  
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**SECTION 'C' – TECHNICAL EVALUATION CRITERIA**

**EQUIPMENT (35 %)**

Sr. No.	Description	Allotted Points	Halliburton	Sprint	Schlumberger
2.1	Cement Pumping Unit and auxiliary equipment				
2.1.1	List of total Twin Pump Cementing Units available in the country and the Cementing Units committed to OGDCL. Units older than 15 years will not be counted. (For fresh bidders having no set up in Pakistan, Affidavit with list of equipment to be provided to OGDCL must be submitted)	60(Max)	60	60	60
2.1.1.1	If (04) units are available.	40			
2.1.1.2	If (05) units are available.	50			
2.1.1.3	If (06) units are available.	60			
2.1.2	At least 04 Cementing Units should not be older than 10 years on bid submission date. (Units older than 10 years will be allotted zero points. Certified documentary evidence from equipment manufacturer needs to be furnished.)	20(Max)	20	18	18
2.1.2.1	For each pumping unit less than (05) years old.	5			
2.1.2.2	For each pumping unit between 5 to 7 years.	3			
2.1.2.3	For each pumping unit between 7 to 10 years.	1			
2.1.3	List of total assets available in the country and the assets committed to OGDCL. (For fresh bidders having no set up in Pakistan, Affidavit with list of equipment to be provided to OGDCL must be submitted)				
		150 (Max)			
2.1.3.1	H.P Silos (One point for each 1000 cubic feet of each HP silos, Max allotted points=20)	20	20	20	20
2.1.3.2	Cutting bottles (min size 35 cu ft)(02points for each, Max allotted points=10)	10	10	10	10
2.1.3.3	Air Compressors(2 points for each no. of equipment, Max allotted points=10)	10	10	10	10
2.1.3.4	Banana Bulklers for dry cement transportation. (05points for each no. of equipment, Max allotted points=10)	10	10	10	10
2.1.3.5	100 bbl Twin Compartment Batch Mixers. (05 points for each no. of equipment, Max allotted points=20)	20	20	20	20
2.1.3.6	200 bbl Twin Compartment Batch Mixers. (10 points for each no. of equipment, Max allotted points=40)	40	40	40	40
2.1.3.7	50bbl independent Fly Mixing unit for heavy slurries. (05 points for each no. of equipment, Max allotted points=10)	10	5	10	10
2.1.3.8	Frac Tank / Water Storage Tank having capacity 500 bbl for mixing lead and tail mix water with valves, hoses, connections, auxiliary and ancillary equipment. (02 points for each no. of equipment, Max allotted points=10)	10	10	10	10
2.1.3.9	C-Pump (4x5 or 5x6) for fluid pumping and circulation (02 points for each no. of equipment, Max allotted points=10)	10	10	10	10

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2.1.3.10	Solid Fraction Monitoring for slurries having S.G below 1.19 and up to 5000 psi BHP. (05 points for each no. of equipment, Max allotted points=10)	10	10	10	10
2.1.4	Cementing Heads				
2.1.4.1	18 5/8" Double Plug, Buttress (01 points for two sets of equipment , Max allotted points=02)	08(Max) 2	0	0	0
2.1.4.2	14", 13-3/8", Double Plug, Buttress (01 points for two sets of equipment , Max allotted points=02)	2	2	1.5	2
2.1.4.3	10-5/8", 9-7/8", 9-5/8", Double Plug, Buttress (01 point for two sets of equipment , Max allotted points=02)	2	2	2	2
2.1.4.4	7", 7-5/8" Double Plug, Buttress (01 point for two sets of equipment , Max allotted points=02)	2	1.5	0.5	2
2.1.5	Circulation /Casing Swages	08 (Max)			
2.1.5.1	18 5/8", Buttress (01 point for two sets of equipment , Max allotted points=02)	2	0.5	0	2
2.1.5.2	14", 13-3/8", Buttress (01 point for two sets of equipment , Max allotted points=02)	2	2	1	2
2.1.5.3	10-5/8", 9-7/8, 9-5/8", Buttress (01 point for two sets of equipment , Max allotted points=02)	2	2	1	2
2.1.5.4	7", 7-5/8" Buttress (01 point for two sets of equipment , Max allotted points=02)	2	1	1	2
2.1.6	Equipment Base /yard and maintenance facility	(30) Max			
	Fresh bidders having no set up in Pakistan will submit Affidavit with bid as per Sr. no 1.1 of Section 'B'.				
2.1.6.1	Equipment base/yard along with functional maintenance facility within contractual jurisdiction. (Sindh & Baluchistan provinces).	15	15	15	15
2.1.6.2	In case of affidavit for establishing equipment base/yard along with functional maintenance facility within contractual jurisdiction in 90 days after issuance of LOI.	10			
2.1.6.3	Sizeable yard for stacking of cementing material facility within contractual jurisdiction. (Sindh & Baluchistan provinces).	15	15	15	15
2.1.6.4	In case of affidavit for establishing sizeable yard for stacking of cementing material facility within contractual jurisdiction in 90 days after issuance of LOI.	10			
TOTAL POINTS (MAX.)		276	266	265	272

**PERSONNEL (25%)**

Sr. # 2.2	Description	Allotted Points			
2.2.1	Dedicated technical support engineer as mentioned at Sr. no 1.16 of "Section-B' having more than 05years experience and should have 01. No. of internal or external publications at renown forum and should be Islamabad based. In case of lack of experience or publications, zero score will be awarded.	15(max)			
2.2.1.1	If (01) C.V is provided.	5	5		
2.2.1.2	If (02) C.Vs being provided.	10			
2.2.1.3	If (03) C.Vs being provided.	15		15	15
2.2.2	Eight (8) field Engineers/Supervisors must have 05 years exclusive experience of providing relevant services. (Documentary evidence must be submitted, (02 points for one no. Engineer and 01 point for Diploma holder)	16	16	16	14

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2.2.3	Eight (8) Equipment Operators, each having 05 years exclusive experience of providing relevant services. (Documentary evidence must be submitted, 01 point for one no. of Diploma)	8	8	8	8
2.2.4	Eight (8) Helpers, each having 03 years' experience of providing relevant services (Documentary evidence must be submitted, 01 point for two nos. helpers)	4	4	4	4
2.2.5	Three (3) Lab Engineers / Technicians, each having 05 years exclusive experience of providing relevant services, minimum qualification Bachelors of Engineering / Sciences. (Documentary evidence must be submitted, 04 point for one no. of Technician)	12	12	12	12
<b>TOTAL POINTS (MAX)</b>		<b>55</b>	<b>45</b>	<b>55</b>	<b>53</b>

**Contractors Experience (10%)**

Sr. # 2.3	Description	Allotted Points			
2.3.1	The contractor's international and within Pakistan experience of Cementing				
2.3.1.1	Above 20 years international or within Pakistan experience.	20	20	15	20
2.3.1.2	Between 10 to 20 years international and within Pakistan experience.	15			
2.3.1.3	Between 10 to 20 years International experience only.	10			
2.3.1.4	Less than 10 years international and within Pakistan experience.	Disqualified			
<b>TOTAL POINTS (MAX.)</b>		<b>20</b>			

**Operational Support Base including API Lab facilities (20 %)**

Sr. # 2.4	Description	Allotted Points			
2.4.1	List of total assets related to Cementing lab available in the country. (For fresh bidders having no set up in Pakistan, Affidavit with list of equipment to be provided to OGDCL must be submitted). Only the assets in working condition in the lab, rigged up and valid calibrations at the time of TEC visit will qualify.	73(Max)			
2.4.1.1	HHP Consistometer with capacity more than 20,000 psi. (04 points for each no. cells, Max allotted points=20)	20	20	20	20
2.4.1.2	Ultra sonic / Mechanical Compressive strength tester. (04 points for each no. of equipment, Max allotted points = 08)	8	8	8	8
2.4.1.3	Fluid loss cells. (02 points for each no. of equipment, Max allotted points = 04)	4	4	4	4
2.4.1.4	Rheometer. (02 points for each no. of equipment, Max allotted points = 06)	6	6	6	6
2.4.1.5	Static Gel Strength Analyzer (SGSA). (04 points for each no. of equipment, Max allotted points = 08)	8	8	8	8
2.4.1.6	HHP Curing Chamber (04 points for each no. of equipment, Max allotted points = 08)	8	8	8	8

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2.4.1.7	Pycnometer for dry-material (neat / blend) density (03points for each no. of equipment, Max allotted points = 03)	3	0	3	3
2.4.1.8	Slot test for Lost-Circulation treatment (04 points for each no. of equipment, Max allotted points = 08)	8	4	8	8
2.4.1.9	Annular Ring test for Cement Linear Expansion (04 points for each no. of equipment, Max allotted points = 08)	8	8	8	8
2.4.2	Contractor should be capable of performing Pre-Job and Post Job Simulations including but not limited to well stability (loss / gain) including ECD results, centralization program along with its running forces, mud removal, placement pressures, temperature charts vis-à-vis fluid circulation, Plug placement, Post placement stress analysis and other parameter simulations as required during the job design phase. (02 points for each simulation, Max allotted points=16)				
<b>TOTAL POINTS (MAX.)</b>		16(Max)	16	16	16
		89	82	89	89

Research & Development /Technology Solutions (10 %)

Sr. #	Description	Allotted Points			
2.5.1	List of Technology Solutions to address specific drilling challenges in North Region of Pakistan. Contractor to provide documentary evidence (including local / international case histories, relevant lab tests and simulations) for Technology Solutions.				
		40(Max)			
2.5.1.1	Lightweight, high strength Thixotropic Slurry systems having S.G up to 1.50 and compressive strength more than 1200 psi.	5	5	5	5
2.5.1.2	Self-healing, flexible cement systems with optimized Mechanical properties to address sustained casing pressure (SCP)	10	10	10	10
2.5.1.3	SpecializedFibrous Spacer system for Oil-based Mud removal	10	10	10	10
2.5.1.4	High Compressive Strength (more than 5000 psi), impact-resistant systemsusing metallic fibers for Kick off plugs	5	5	5	5
2.5.1.5	Non-cement based Fibrous lost-circulation treatments for severe to total losses.	10	10	10	10
2.5.2	The contractor having industry recognized Research and Development (R&D) contributions focusing the domain of well cementing in the last 05 years.(Documentary evidence of research papers published at reputed forums such as SPE, IADC & OGI will be considered) (05 points for each relevant published papers, Max allotted points =20)	20(Max)	20	20	20
<b>TOTAL POINTS (MAX)</b>		60	60	60	60

  
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