



OIL & GAS DEVELOPMENT COMPANY LIMITED

Request for Quotation (Imports)

ANNEXURE 'A':

OGDCL House , Jinnah Avenue,
Islamabad, Pakistan

Description: UPGRADED HARDWARE FOR OMEGA-II SYS
Tender Enquiry No: OGDCL/SCM/FD/EXPL/RFQ-6200000015 / 2022
Delivery Period: 120
Mode of Shipment: CPT BY AIR
Mode of Procurement: COMPETITIVE BIDDING
Evaluation Criteria: FULL CONSIGNMENT
Bid Bond Value: USD 8,530
Bid Validity: 180 DAYS
Bidding Procedure: SINGLE STAGE TWO ENVELOPE

SR NO	Material No	Material Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price (CPT) BY AIR	Total Price (CPT) BY AIR	Deviation From Tender Spec. If Any
1.	59-00030	WORKSTATION (TOWER), DELL PRECISION 7920XCTO BASE OR EQUIVALENT, PROCESSOR: 02X INTEL XEON GOLD 5222 3.8GHZ (3.9GHZ TURBO, 4C EACH, 10.4GT/S, 2UPI, 16.5 MB CACHE, HT (105W) OR EQUIVALENT.	NO	21					
2.	59-00079	MONITOR DELL 30" ULTRA SHARP MONITOR, U3023E FLAT PANEL MONITOR WITH PREMIER COLOR OR EQUIVALENT	NO	42					

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RASHID JAMIL CHAUHAN
Manager (SS/HW)
SDPC, Exploration Deptt.
OGDCL, Islamabad
Ext: 3649

Sr.#	Minimum Hardware Specifications for the upgraded Engineering Workstations.	Units	Required Quantity		
1.	Workstation Dell Precision 7920 Tower XCTO Base or equivalent Processor: 02x Intel Xeon Gold 5222 3.8GHz,(3.9GHz Turbo, 4C each, 10.4GT/s 2UPI, 16.5MB Cache, HT (105W) or equivalent Memory: 12x 16GB DDR4 2933MHz RDIMM ECC, 192GB Memory or equivalent Hard Drive: 01x M.2 512GB PCIe NVMe Class 40 Solid State Drive 05x 3.5" 2TB 7200rpm SATA Hard Drive or equivalent Disk Controller: 01x Mega RAID SAS 9440-8i 12Gb/s PCIe SATA/SAS controller or equivalent Video Configuration: 01x Nvidia RTX A4000, 16GB, 4DP (Precision 7920T, 7820, 5820) or equivalent Ethernet Interface : 01x Intel X550-T2 10GbE NIC, Dual Port, Copper or equivalent BR Drive: 01x 8x Half-Height BD-RE Drive or equivalent Keyboard & Mouse : 01x Dell Wired Keyboard KB216 Black (English) 01x Dell MS116 Wired Mouse Black or equivalent Operating System: Linux Centos 7.9 Power supply: 1400W (input voltage 100VAC - 240VAC) -90% efficient Three (03) years warranty with free parts and labor.	Nos.	21		
	LED Monitor Dell 30" Ultra sharp Monitor – U3023E Flat Panel Monitor with Premier Color or Equivalent Three (03) years warranty with free parts and labor.			Nos.	42

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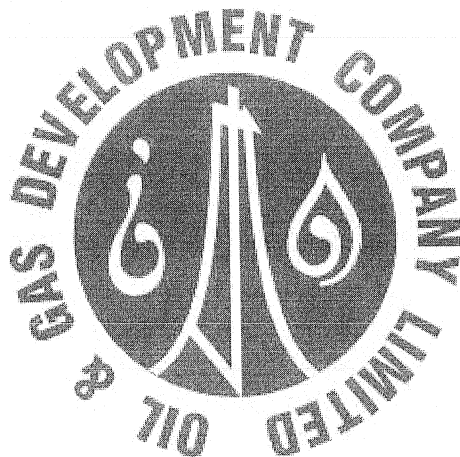
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TERMS OF REFERENCE (TOR)

FOR

THE PROCUREMENT OF UPGRADED ENGINEERING WORKSTATIONS FOR EXISTING SEISMIC DATA PROCESSING SYSTEM



**SYSTEM SERVICES GROUP
SEISMIC DATA PROCESSING CENTRE
EXPLORATION DEPARTMENT**

Objective

OGDCL intends to replace the currently operational Engineering workstations along with LED monitors to cater the compatibility requirements of already upgraded hardware of its existing data processing system. Detailed specifications of the required Hardware is attached at Annex-V

The bidders should submit their offers keeping in view the technical requirements and other parameters as specified in this TOR.

Scope of work

The scope of work consists of

- i. Provision of EWS machines and LED monitors along with required services and support as a Complete Package on Turnkey basis.
- ii. Configuration of the added H/W with existing Seismic Data Processing system setup.
- iii. Installation/Commissioning of H/W with standard acceptance tests.
- iv. Warranty Support for three (03) years with free parts and free service.
- v. A technically responsive bidder is supposed to fulfill the qualitative and quantitative specifications of the material items and confirmation for provision of the entire services along with execution of the relevant terms and conditions.

A series of acceptance tests shall be conducted jointly by the Contractor's experts and OGDCL professionals to demonstrate the compliance and the proper functioning of the Hardware, and the System in accordance with the awarded Contract. The experts deputed by the contractor will test the proper performance of all H/W components and ensure smooth running and further assist the OGDCL professionals for conducting acceptance tests. The contractor shall hand over the fully functional and operational systems in the premises provided by OGDCL at Islamabad after successful completion of acceptance tests by the company's professionals. Other details are provided in the attached Hardware, Terms & Conditions at Annexes I to IV.

Deployment of the H/W equipment and installation procedures are as follows:

- Layout of ethernet cables and power connections with existing H/W of Seismic Data Processing System as mentioned in Fig (i) for nine (09) new EWS machines (connections for remaining EWS machines are already established).
- Replacement of old ethernet cables with CAT 6A Schneider/ Baynet cables as mentioned in the Fig-(i)
- Installation of new EWS machines and configuration with existing data processing system.
- Testing of added H/W for smooth operation of the complete Data processing system by OGDCL professionals in collaboration with contractor's expert

- Final acceptance test of the entire H/W and networking by OGDCL professionals in collaboration with contractor's expert for certifying the authenticity of efficient working of newly supplied H/W.

Maintenance and Service Warranty Support

The selected firm shall provide Maintenance & Service support for all the awarded items/ HW for a warranty period of three (03) years.

- Round the clock reporting and response for any fault and rectification within maximum of Seventy Two (72) hours.
- Maintaining necessary inventory of H/W parts for repair and maintenance of defective hardware components.

Proposals

The firms are required to submit the Technical and Financial Proposals for the project in separate sealed envelopes under single stage two envelope bidding procedure.

Technical Proposal

In Technical Proposal the Bidder should submit

- A document detailing all the offered hardware items along with necessary block & schematic diagrams of the H/W system should also be attached.
- Make & Model of the Equipment.
- Detailed specifications.
- Printed material & Brochures.
- A brief company profile with years of relevant experience.
- Time line for rectification of H/W problem.
- At least five references of similar projects completed by the firm.
- CVs of the experts.

Financial Proposal

Financial proposal should consist of the prices of H/W items which should be quoted in the format provided, in SAP generated RFQ.

Final Appraisal

The information supplied by the Bidders of their submitted Technical Proposals shall be evaluated by the Technical Evaluation Committee. It shall be validated that Technical Proposal contains relevant information and the quoted supplies fulfill all the technical requirements as available in the relevant Annexes of Hardware, Services and Terms & Conditions. The comprehensive evaluation shall proceed, weighing the supplied information against different categories as mentioned in the attached Annexes, by the Technical Evaluation Committee as per acceptance/ rejection criteria.


Documents establishing conformity to TOR


The Bidder will furnish, as a part of its bid, the following documents establishing conformity to the TOR of all services and works, which is proposed to provide under the contract.


Statement of Compliance

- The Bidder shall submit a clause-by-clause statement of compliance in the specified format with respect to all sections of this TOR
- The Bidder's comments in the statement of compliance will correspond to the clause/ sub clause to which they relate and will clearly and concisely state the bidder's position thereto. Words such as "noted" shall not be adequate and shall be treated as "not complied".
- The Bidder shall provide, to the satisfaction of OGDCL, documentary evidence showing it's technical, financial, maintenance and Service support capabilities to execute the contract.
- Provision of one (01) week foreign professional training program (cost should be quoted separately in financial bid only), on the troubleshooting of supplied H/W , for two (02) System Professionals conducted at DELL certified Service center .The training shall be inclusive of air ticket, boarding and lodging.

TOR FOR UPGRADED ENGINEERING WORKSTATIONS


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MUHAMMAD BILAL
Deputy Chief (DAE)
(Expl.)/SDPC
Ext: 3899

To be filled in by the Bidder

Terms & Conditions – Hardware (New)

Sr#	OGDCL Requirements	Bidder Response	Compliance/ non-compliance	Remarks
1.	The new hardware should match the detailed specifications as mentioned in Annex-V and must be certified to run with existing seismic data processing system at the time of installation, In case tendered /offered H/W become unavailable then it must be replaced with latest technology, improved performance and specifications.			
2.	An OEM certificate of supplied hardware should be provided by the Bidder that may be validated by the original manufacturer. OGDCL reserves its right to reconfirm all the supporting documents provided by the Bidder.			
3.	The complete H/W should be delivered at I-9 Base Stores, Islamabad within 120 days after LC opening.			
4.	Detailed project schedule should be provided showing time required in number of calendar days for completing major phases of the work.			
5.	Acceptance tests of Hardware shall be carried out after installation at OGDCL Seismic Data Processing Centre in Islamabad as per Company requirement.			
6.	Surety for the availability of related spares/parts for five (05) years from the contract placing date.			

Terms & Conditions-Bidders General Information

To be filled in by the Bidder

Sr#	OGDCL Requirements	Bidder Response	Compliance/ non-compliance	Remarks
1.	At least five (05) years experience of installation / commissioning and configuration of data processing systems with its peripherals through their own experts.			
2.	Minimum five (05) years experience of data processing system's H/W services, into National Oil companies, Multinational oil companies and Data Processing centers.			
3.	Clientele list of at least five (05) Internationally reputed Companies.			
4.	Must have an established local office in Islamabad for the provision of Technical Services and Support. May establish office after awarding contract.			

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To be filled in by the Bidder

Terms & Conditions – Expert Services

Sr #	OGDCL Requirements	Bidder Response	Compliance/ non-compliance	Remarks
1.	The Experts of the contractor shall be responsible for the installation and commissioning of supplied H/W and configuration with the existing seismic data processing system.			
2.	The system installation will include networking and layout of communications with the existing Seismic Data Processing System as mentioned in this TOR.			
3.	The Experts of the contractor shall be responsible for start-up and smooth operations of new H/W configured with the existing seismic data processing system for at least three (03) days and shall supervise and guide the relevant professionals of OGDCL during this period.			
4.	Acceptance tests of supplied Hardware will be carried out after completion of installation. Details of standard acceptance tests for new H/W will be provided by the contractor.			

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Terms & Conditions – Post Installation-Service & Support

To be filled in by the Bidder

Sr#	OGDCL Requirements	Bidder Response	Compliance/ non-compliance	Remarks
1.	Availability of Vendor's Support Portal for the queries and the rectification thereof.			
2.	These services shall be provided for H/W for a period of three (03) years from the date, the SDP center is taken over by OGDCL professionals from contractor's experts,			
3.	Facility for online help and guidance regarding technical issues of supplied H/W.			
4.	Any new versions/updates/enhancements/package(s) for the firmware should be provided to the Company, free of cost for the period of three (03) years.			
5.	Hardware and Services Support should be available round the clock and fault should be rectified within 72 Hours.			
6.	In case of unsatisfactory performance the bank Guarantee may be en-cashed.			

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Schedule of Requirements:

Annex-V

Material: Additional H/W for the upgradation of SDPS
Tender Enquiry No. To be inserted by SCM Department

Due Date:

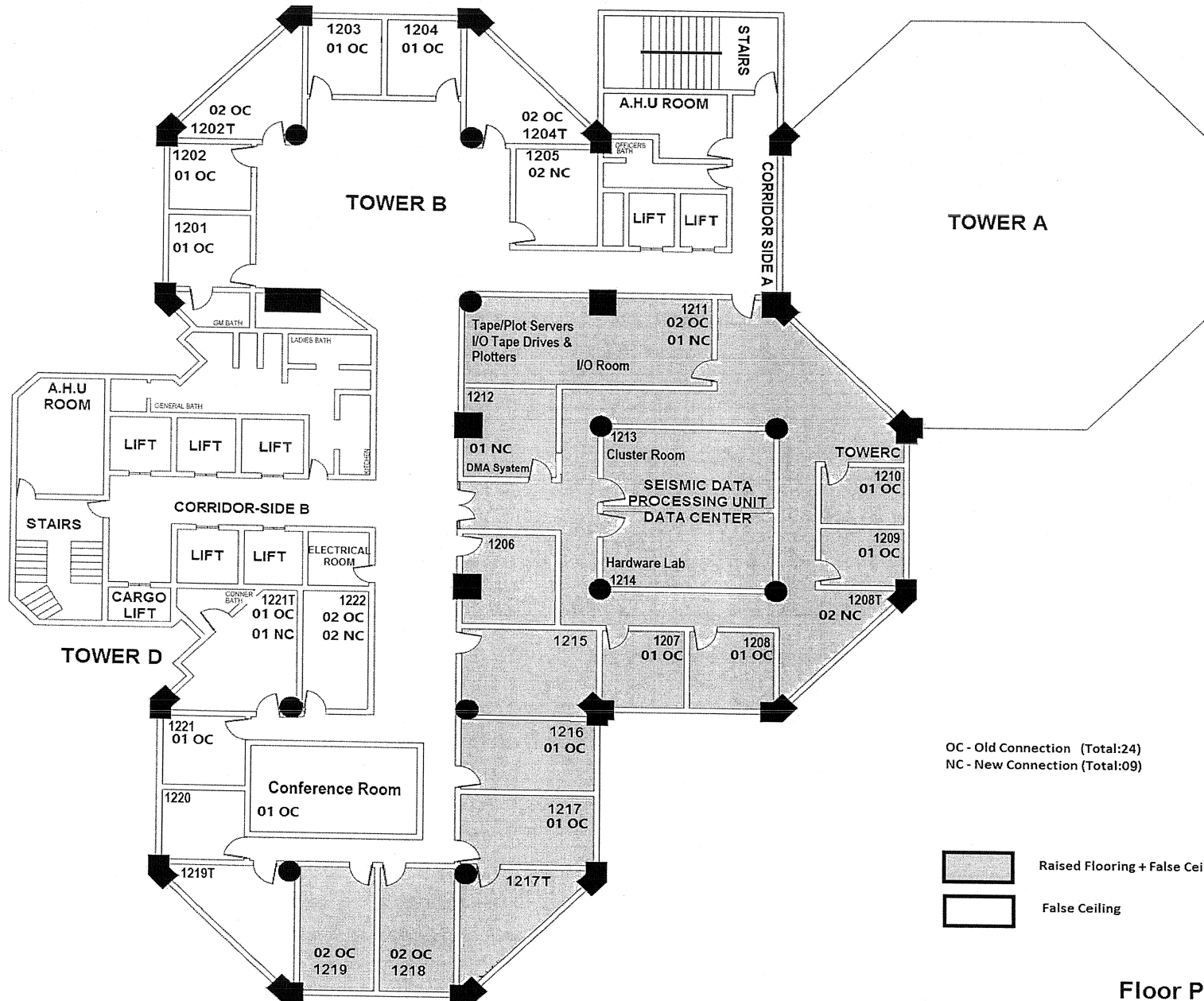
(To be completed, filled in, signed and stamped by the principal)

		Quoted units, Quantity & Prices in US\$			
Sr.#	Minimum Hardware Specification for additional Hard Ware for the upgradation of SDP System	Unit	Required Qty	Unit Price (C&F)	Total Price (C&F) by air
1.	Workstation	Nos.	21		
	Dell Precision 7920 Tower XCTO Base or equivalent				
	Processor: 02x Intel Xeon Gold 5222 3.8GHz,(3.9GHz Turbo, 4C each, 10.4GT/s 2UPI, 16.5MB Cache, HT (105W) or equivalent				
	Memory: 12x 16GB DDR4 2933MHz RDIMM ECC, 192GB Memory or equivalent				
	Hard Drive: 01x M.2 512GB PCIe NVMe Class 40 Solid State Drive 05x 3.5" 2TB 7200rpm SATA Hard Drive or equivalent				
	Disk Controller: 01x Mega RAID SAS 9440-8i 12Gb/s PCIe SATA/SAS controller or equivalent				
	Video Configuration: 01x Nvidia RTX A4000, 16GB, 4DP (Precision 7920T, 7820, 5820) or equivalent				
	Ethernet Interface : 01x Intel X550-T2 10GbE NIC, Dual Port, Copper or equivalent				
	BR Drive: 01x 8x Half-Height BD-RE Drive or equivalent				
	Keyboard & Mouse : 01x Dell Wired Keyboard KB216 Black (English) 01x Dell MS116 Wired Mouse Black or equivalent				
	Operating System: Linux Centos 7.9				
Power supply: 1400W (input voltage 100VAC - 240VAC) –90% efficient Three (03) years warranty.					
2.	LED Monitor Dell 30" Ultra sharp Monitor – U3023E with standard accessories.Flat Panel Monitor with Premier Color or Equivalent	Nos.	42		

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Floor Plan
Seismic Data Processing Center
 12th Floor, OGDCL House

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