

Bid Corrigendum

GEM/2021/B/1349302-C3

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

Buyer Added Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
3. Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address OIL INDIA LTD K G BASIN PROJECT 11-4-7 (3 rd Floor) NOOKALAMMA TEMPLE STREET RAMARAOPET , KAKINADA ANDHRA PRADESH-533004.
4. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
5. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
6. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope Minimum 4 (Four) Years On-site comprehensive warranty with 24 hour response with 24x7 support from the OEM / authorized dealer of the OEM (to refer document: 'Terms & COnditions of Supply'). (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
7. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : 3/2017-INTEGRATED/CENTRAL TAX (RATE) dated 28/06/2017
8. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
9. Whereever Essentiality Certificate is applicable (PEL/ML), successful bidder should provide Proforma Invoice for processeing for EC application and material should be dispatche after receiving of EC rom DGH. In view of the same, an ATC may be incorporated in GeM, viz, "BIDDER/OEM must provide Proforma Invoice for processeing for EC application within within 10 days from date of issue of GeM Contract and material should be dispatched after receiving of EC from DGH days from date of issue of GeM Contract and material should be dispatche after receiving of EC rom DGH."
10. Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. [Click here to view the file](#)
11. Buyer Added text based ATC clauses
OIL has appointed Shri Sutanu Behuria, IAS (Retd.), Shri Rudhra Gangadharan, IAS (Retd.) and Shri Om Prakash Singh, IPS (Retd.) as Independent External Monitors (IEM) for a

period of 03 (Three) years to oversee implementation of Integrity Pact in OIL. Bidders may contact the Independent External Monitors for any matter relating to the Integrity Pact at the following addresses:

- a . Shri Sutanu Behuria, IAS (Retd.), Ex-Secretary, Ministry of Heavy Industries and Public Enterprises.
E-mail ID: sutanu2911@gmail.com
- b. Shri Rudhra Gangadharan, IAS (Retd.), Ex-Secretary, Ministry of Agriculture
E-mail ID: rudhra.gangadharan@gmail.com
- c. Shri Om Prakash Singh, IPS (Retd.), Former DGP, Uttar Pradesh
E-mail ID: Ops2020@rediffmail.com

12. Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void.

*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

[This Bid is also governed by the General Terms and Conditions](#)

CORRIGENDUM-1 dated 12.08.2021

BID NO. GEM/2021/B/1349302

This Corrigendum is issued to notify the following:

1. MII Purchase Preference is not applicable for this tender. Competent Authority's Approval is uploaded along with this Corrigendum in OIL's Website under GeM Tender Section.
2. Clause No. 4. under MSE Purchase Preference is modified as under:

Existing Clause	Amended Clause
Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders / Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY.	Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders / Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) percentage of total QUANTITY.

Competent Authority's Approval is uploaded along with this Corrigendum in OIL's Website under GeM Tender Section.

3. Amendments in '**Buyer Specification Document: TECHNICAL SPECIFICATIONS OF HARDWARE AND / OR SOFTWARE FOR G&G DATA SOLUTION**' are tabulated as under:

Sl. No.	Clause No.	Existing Clause	Amended Clause
1.	Sl. No. 1. Clause No. A. 7.	Minimum 3 (Three) Years On-site comprehensive warranty with 24 hour response with 24x7 support	Minimum 4 (Four) Years On-site comprehensive warranty with 24 hour response with 24x7 support

2.	Sl. No. 1. Clause No. C. 1. (xii)	Warranty - Minimum 3 (Three) Years On-site comprehensive warranty with 24 hour response with 24x7 support & 4 yrs. AMC - 1 No.	Warranty - Minimum 4 (Four) Years On-site comprehensive warranty with 24 hour response with 24x7 support
3.	Sl. No. 1. Clause No. H.	Norton Symantec antivirus & Internet security 2020 or latest for 3 years Automated updates and upgrades for contract duration.	Norton Symantec antivirus & Internet security 2020 or latest for 4 years Automated updates and upgrades for contract duration.
4.	Sl. No. 1. Clause No. D.	iii. Backup Media - 25 no. of LTO6 RW Tapes with Barcode label	iii. Backup Media - 25 no. of LTO8 RW Tapes with Barcode label
		iv. Cleaning Cartridge - 4 no. of cleaning cartridge for LTO-6 drive	iv. Cleaning Cartridge - 4 no. of cleaning cartridge for LTO-8 drive
		vi. LTO 6 Tape Drive - LTO-8- External Tape Drive with SAS adapter and SAS Cable	vi. LTO 8 Tape Drive - LTO-8- External Tape Drive with SAS adapter and SAS Cable

4. The following Clause in the bid document stands DELETED:

Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	80%
Min Cost Allocation for ICT as a % of product cost	20%
Number of days allowed for ICT after site readiness communication to seller	15 Days

Clause No. 2: DELIVERY, INSTALLATION AND COMMISSIONING and **Clause No. 4: PAYMENT** of 'Buyer added Bid Specific Additional Scope of Work Document: **TERMS & CONDITIONS OF SUPPLY**', shall prevail in place of above.

5. The Clarifications to Pre-bid Queries are enclosed herewith. The Minutes of the Pre-bid meeting held on 22.07.2021 and the copy of Power Point Presentation delivered by OIL during the conference are uploaded along with this Corrigendum in OIL's Website (Link: <https://www.oil-india.com/>) under 'For Vendors >> GeM Tender'.

6. **It is reiterated herein that any other devices or interface required for smooth functioning of storage solution will be the responsibility of the vendor and same shall be included by the bidders in the Bill of Material and quoted rates / prices.**

7. Bid Closing / Bid Opening extended as per following:

- i. Bid Closing Date & Time: Extended up to 01.09.2021 [1500 Hrs (IST)]
- ii. Bid Opening Date & Time: Extended up to 01.09.2021 [1530 Hrs (IST)]

All others terms and conditions of the Bid Document remain unchanged. Details can be viewed at www.oil-india.com.

Sd/-
MANAGER – C&P

Clarification to Pre-Bid Queries

SI. No.	Bidder's Query	OIL's reply
1	Request you to share the backup infrastructure details for solution designing.	Backup Server & Software requirements specified in the prebid presentation (enclosed)
2	Do the backup solution should be deployed in high availability configuration with both hardware and software redundancy.	Yes
3	The backup solution should have GUI / web based centralized backup management and centralized reporting & administration. Should support integration with management console of leading virtualization platform vendors.	Correct
4	The backup solution should provide simultaneous/concurrent backup to disk and tape.	Yes
5	The backup solution should support inbuilt backup image replication capability for creating multiple copy at different locations.	Preferred
6	The backup solution should have capability of backing up from Disk to Disk to Tape.	Yes
7	The backup solution should have file system backup and open file backup capability.	Yes
8	The backup solution should be able to restore the backup data from disks and tapes in the event of data loss.	Yes
9	The backup solution should be able to rebuild the backup database/catalog from disks and tapes in the event of catalog loss or corruption.	Yes
10	The backup solution should be able to restore from disk and tape, the backed up images of hosts and VMs.	Yes
11	The backup solution should provide Bare metal backup and recovery on dissimilar hardware for Workstations & Oracle Servers running RHEL8.0 or higher.	Yes
12	Bare Metal Recovery should provide restoration of oracle RAC server clusters.	Yes, if Oracle is part of the solution proposed
13	The backup solution should provide facility for restoration of backup server itself.	Yes

14	The backup solution should provide the backup & recovery of applications running on Virtual Machines / Hosts.	Yes
15	The backup solution should provide scheduled automatic transfer of backup data from disk to tape.	Yes
16	The backup solution should have AES 256 bit encryption.	Yes
17	The backup solution should support industry leading OS like Windows, Linux, RHEL, VMware, Hyper-V from day 1.	Correct
18	The backup solution should support industry leading virtual environment features like instant recovery, instant access, full VM restore, Partial Vm restore etc for virtual machines.	Yes
19	The backup solution should provide P2V and V2P capabilities for both Windows and Linux(RHEL) operating system	Yes
20	The backup solution should provide Granular recovery of selected files/Directories of virtual machines(both Windows and Linux(RHEL) Virtual Machines)	Yes, the granular the better it is
21	The backup solution should support backup & Recovery for Linux & Windows guest operating systems on VMware and Hyper V	Yes
22	The backup solution should support industry leading OS clusters like Windows and Linux and should be able to identify the nodes in the cluster as clustered nodes and backup the nodes as clustered nodes ensuring consistent data backup in case of one of the nodes going down.	Absolutely
23	The backup should provide policy based automatic scheduled backup for full, Incremental,differential and Incremental forever backup.	Yes
24	The backup solution should provide online database backup for Oracle on industry leading operating system(OS) like Windows, Linux(RHEL)	Yes
25	The backup solution should provide capability to at least selective backup of control files,archive logs, datafile and tables spaces	Correct
26	The backup solution should provide granular recovery of databases(logs,tables,control files , data files,tablespaces etc.) and files.	Yes, the granular the better it is

27	The backup solution should provide backup and restoration of oracle Real Application Clusters (RAC) database.	Yes
28	The backup solution should Support for Container and Pluggable databases	Yes
29	The backup solution should have capability to search and classify data from backups (Virtual machines or File systems). Searching files by name,pattern etc from backup and archive data should be provided.	Yes, the more the filters the better it is, however the defaults should be preset for most common searches
30	The backup solution should have capability of aggregate the daily incremental backup and convert it as full backup to reduce backup window and improve the restoration time.	Yes, however, the restore points are key to be able to recover in case of disasters
31	The backup solution should provide data DE-duplication and compression.	Yes
32	The backup solution should provide source or target based /client level data DE-duplication	Yes
33	The backup solution should provide both SAN (LAN free) and LAN based backup.	Yes
34	Archiving files from physical machine file system (EXT,XFS,GFS,etc) based on the creation/modification date for long term storage. Should be supported from day one. Provision to retrieve the files either by selecting few files or all the files should be supported.	Correct
35	Multiple Backup streams should be supported for backup & Recovery, thereby reducing the time necessary to complete the operation.	Yes
36	Backup solution should support Industry leading tape library not limited to OEMS like IBM,HP, DELL	Correct
37	Windows/Redhat Linux to be provided for All the Backup servers.	Yes
38	Payment Term: 100% after completion of Project	Refer amendment - 100% on delivery of the product and successful commissioning
39	Shall we provide any one operating system or does bidder need to propose one quantity of both operating system.	Any OS is fine, but Windows or Linux is preferred
40	Shall bidder propose capacity license of 50 TB to provide all features with unlimited instances for OS, DB, Tape drive, tape slots, long term retention, replication, encryption and NAS backup?	Unlimited instances not required

41	Proposed backup software should be from Gartner's Leaders or Challengers quadrant for past 2 years consecutively.	Preferred
42	Entire system must be manageable from a web-based single, secure interface without requirements for a separate management device or server.	Correct
43	Management system must include comprehensive online and remote monitoring abilities without third party hardware or software.	Yes
45	Does the scope include managing the G&G Data or just archiving the Data into Tapes?	The scope includes G&G DATA SOLUTION TO MANAGE SEISMIC DATA, WELL LOG DATA, REPORTS, GEO SCIENTIFIC PROJECTS, CONTRACTS etc. Part of the dataset will be accessed from interpretation/modeling software.
46	Do we have a Disaster Recovery Data Center in place for loading data back through these tapes?	Company has a separate data archival centre at FHQ.
47	Does the scope also include providing Data Loader/Archive Personnel services onsite for contract period? How many personnel are required in that case?	Not required
48	What is the database being used for storing and managing Seismic Raw, Pre-Stack, Post-Stack data, GIS, Well and Borehole Data?	Currently legacy approaches being used
49	Where does the data currently resides? Tapes Or Servers? If the data is in LTO6 or 3592 or any other tape media then do we have the hardware to read the data from those tapes. Like 3592 drives, LTO drives? LTO 8 will only read the data from one prior generation, means it can read LTO 7 and LTO 8 but not LTO 6	Please refer the section "Tape Library/Tape Drive/Backup Software"
50	What is the file format of Seismic and Borehole Data that needs to read and write in these tapes? Are there any legacy data formats as well that needs to be converted before Archiving the data?	Geoscientific and Engineering Data are available in various formats used in oil and gas industry. Conversion is not required now.
51	If the data is in specific seismic format and want to keep in the same format while archiving then the mediator application is required like Troika, Ovation or any other industry application. Does bidder need to provide such applications?	Yes, this should be part of the BOM

52	Since tape library is asked for only 24 slots, most of the data will be offline and not available for online access? Please confirm the workflow and requirement.	That is correct. The data archived in tape library is additional back-up then the data kept in storage solutions.
53	Do we need an application for Seismic and Borehole Data Management with a GIS Based User friendly interface? Any archival/Backup software will manage their own database and it will not manage in front end; it will be managed by respective OEM only at the back end.	Application is preferred, can be an optional part of the BOM
54	Industry has seen digital transformation at every end of the G&G Data Management Solutions. Bidder Suggests Considering Object Storage instead of Tape Media to archive data which provides Data Online 24/7 for interpretation and ML/Data Science is required.	Alternate scenarios may be indicated with BOM showing technical and commercial advantages.
55	Application name & Workload type. What type of Data base will be used.	Provide the solution BOM
56	Storage level replication not required in future? If required then they should add specification clause for all OEM's to provide replication licenses.	Correct
57	Why Backup on Tape while industry and enterprises moving towards Disk based backup for better reliability, smaller backup and restore windows and simplicity and ease of management.	We do encourage different scenarios with the BOM specified clearly with price differentiation
58	The antivirus is required from servers / the applications / both?	Yes, primarily for servers. The applications are expected to maintain industry standard security guidelines
59	Please help us to understand details about Structured and Unstructured data available with you.	Unstructured data may include documents, metadata, diagnostic records, audio, video, analog data, images, files etc.
60	Based on your inputs we would suggest you to include statement so as bidder doesn't quote you product in which you would have to write CLI for taking backup.	Sure, CLI is not preferred, auto schedules are much preferred
61	Please let us know data available on Day One of Backup.	Various Geoscientific and Engineering data and reports, Petrel and Kingdom Projects etc.
62	Please clarify Data Archival Solution currently installed at your Head Office.	Data archival at Headquarters is out of scope of this tender.

63	Do you plan to procure a Data Management Solution on an enterprise level?	This is company's requirement at project office.
64	What kind of unstructured data will be there in this storage solution?	Unstructured data may include documents, metadata, diagnostic records, audio, video, analog data, images, files etc.
65	Which location in India these equipment's will be installed ?	This will be installed in Kakinada, Andhra Pradesh but access should be provided to Bhubaneswar office also. Other spheres of the company also may require access.
66	How many years of support required for switches ?	Initially 4 years
67	What type of support required 8x5xNBD or 24x7x4 ?	24x7x5
68	How many optics required in each of the switches types ?	Multi mode optics
69	What type of optics required for 48 port switch - Single mode or Multi mode ?	Multimode
70	Is it copper switch or fiber switch ?	Fiber switch
71	How Server to Storage will be connected ?	via ethernet SAN switch
72	There's one more query before your corrigendum. You have asked for 42U Server Rack with two cooling fans. What's is depth in mm required with rack? Cost will be varied accordingly. As per my understanding, you need to connect 1 Nos 2U Server, 1 Nos Storage, 2 Nos Network Switches, KVM Switch & Tape Library inside the rack. There's no clarity of console too. Request you to kindly clarify on above points while releasing the corrigendum. This would turn us enable to participate in the bid.	The rack should accommodate all proposed hardware components. For console add one 19 inch TFT LED Monitor with keyboard for console of KVM
73	Please change this to LTO8 ie Backup Media - 25 no. of LTO8 RW Tapes with Barcode label	LTO8 required. Specification in the Tender of D (iii) stands changed accordingly from LTO6 to LTO8.
74	Please change this to LTO8, ie vi. LTO 8 Tape Drive - LTO-8-External Tape Drive with SAS adapter and SAS Cable. Also requesting OIL to Please clarify where & on which server would this External Tape drive to be connected.	LTO8 will be connected with same storage server used as data base.

INTEGRITY PACT

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder/Contractor"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organization "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section: 1-Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.
3. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section: 2 -Commitments of the Bidder / Contractor

(1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3-Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or credibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion

is taken. This undertaking is given freely and after obtaining independent legal advice.

3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later.** Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. Any issue relating to execution of contract, if specifically raised before the IEMs shall be looked into by IEMs.

Section 4 -Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to Earnest Money Deposit / Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to Security Deposit / Performance Bank Guarantee.

3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section: 6 -Equal treatment of all Bidders/Contractor/Subcontractors

1. The Principal will enter into Pacts on identical terms with all bidders and contractors.

2. The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be

responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section: 7 -Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section: 8 -External Independent Monitor/Monitors

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the Chairperson of the Board a Substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the

Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

Section:9 -Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section:10 -Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

Sd-
(T. Agrawal)
Manager C&P

.....
For the Principal

.....
For the Bidder/Contractor

Witness 1:

Witness 2:

Place:
Date:



ऑयल इंडिया लिमिटेड

(भारत सरकार का उद्योग) पंजीकृत कार्यालय: दुलियाजान, आसाम

Oil India Limited

(A Government of India Enterprise) Registered Office: Duliagan, Assam

KG BASIN PROJECT

11-4-7, (3rd Floor)

Nookalamma Temple Street,
Ramaraopet, KAKINADA - 533 004,
Andhra Pradesh, (India)

STD Code : 0884

EPABX : 2302176, 2302175

Fax : 0884 - 2352383

E-mail : kgbasin@oilindia.in

Date: 12/08/2021

TO WHOM IT MAY CONCERN

This is to certify that the Purchase Preference Policy linked with Local Content issued by MOPNG vide Notification No. FP20013/2/2017-FP-PNG dated 17.11.2020 is not applicable for this tender as no major OEM offering for Servers, Storage etc. are available **in Make in India Category**.

OIL INDIA LIMITED

12/8/2021

(MVVS Murty)

Chief General Manager (C&P)



ऑयल इंडिया लिमिटेड

(भारत सरकार का उद्योग) पंजीकृत कार्यालय: दुलियाजान, आसाम

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Date: 12/08/2021

TO WHOM IT MAY CONCERN

This is to confirm that this item is required to be procured from the same source for the reason of compatibility. As such, splitting is not allowed and 100% of the tendered quantity to be awarded to a single source.

OIL INDIA LIMITED

(Signature)

(MVVS Murty)

Chief General Manager (C&P)

Meeting / Project Name:	Pre-Bid Meeting for: Tender No. GEM/2021/B/1349302 for G&G Data Solution to Manage Seismic Data, Well Log Data, Reports, Geo Scientific Projects, Contracts etc.		
Date of Meeting:	22 nd July 2021	Time:	11.00 am
Meeting Facilitator:	Head (KGB&BEP)	Location:	Kakinada / Zoom

1. Meeting Objective

Objective:

G&G Data Solution is needed to be set-up in OIL's office at Kakinada, Andhra Pradesh, using required hardware & software to manage various structured and unstructured data like seismic data, well log data, various reports, geo-scientific projects, presentations, contracts, tenders, etc. in Krishna Godavari Basin Project, Kakinada, and Bay Exploration Project, Bhubaneswar. The main objective is to eliminate Data Silos for interpretation and Modeling within the KGB Project office Kakinada and associated locations i.e. Bhubaneswar.

A Pre-Bid conference was arranged with the following objectives:

- Present the salients points of the tender.
- Highlight key points from technical specifications and terms & conditions of tender.
- List out the queries received from vendors on emails and on the spot as well.

The Pre-Bid also envisaged to deliberate on bidders' queries, contemplate if any suggested modifications / additions / deletions are appropriate and if found suitable incorporate the same in the bidding document.

Below is the minutes of this Pre-Bid conference.

Participants (OIL)	Participants (Vendors)
Abashish Pal, ED-E&D	Joe Hardy, Rahul Singh (M/s Interica)
MVVS Murty, CGM-C&P	Jeevan Duggal, N. Kumar (M/s Commvault)
Ritesh M Joshi, DGM-Geophysics	Reshma K., Azeem S. (M/s Softcell)
Sanjay Khatri, Chief Manager (FA)	Anand Kumar (M/s Targus Tech.)
Tanushree Agrawal, Manager-C&P	Palka Ahuja, Atul Gupta (M/s Halliburton India)
Dilip K. Mahata, Sr Geophysicist	
Suman Nath, Dy. Chief Engineer-IT	

2. Opening Remarks

The Pre-Bid conference was conducted via Zoom Video conference application where attendees from OIL and vendors joined the meeting from their locations.

Senior Geophysicist, opened the meeting and welcomed all the vendors. He also set the agenda for the day and elaborated on OIL's objective behind procuring a G&G Data solution and its specifications through a short presentation.

3. Presentation

The presentation delivered by Sr. Geophysicist, KGB Project, OIL Kakinada contained:

- Introduction
- Requirements
- Data Domains
- Data Facets
- Components
- Specifications
- FAQs

Presentation Highlights:

- ❗ The G&G data storage solution is required to Pass data from local workstation to centralized storage and vice-versa. It is also a part of Oil India Limited's technology upgradation with state-of-the-art servers integrated in an overall system characterized by high availability, consolidation, robustness, scalability, extensibility and enhanced manageability.
- ❗ Data Storage Solution should provide high availability for mission critical services. Very limited planned downtime is required (allow maintenance works during working hours, full redundancy in involved hardware and clustering of services). Reduction in the manual effort associated with tape backups and acceleration of backup and restore times is also expected. Manageability and flexibility of a single storage solution across project for accessing data and information from single source.
- ❗ Robust disk storage environment with improved uptime. Flexible capacity management across the entire KGB & BEP Project. Establish a robust and sustainable backup and restore strategy as well as robust recovery capabilities. Full support for individual file level recovery across all platforms.
- ❗ Data Domains: Subsurface, Wells, Operations, Engineering and Facilities, Contracts, Projects, Regulations, HSE etc.
- ❗ Data Facets: Master Data, Structured Data, Unstructured data, Reference Data, Meta Data, Spatial data etc of various formats.
- ❗ G&G Data Solutions Component: 50 TB Storage, KVM Switches, Rack-Mountable switches, Ethernet Switches, Back-up software, Back-up server, Tape library/ Tape driver and Antivirus.
- ❗ Specifications were discussed. Frequently asked questions were also a part of the discussion.

4. Issues, Decisions, Notes

Subsequent to the presentaion, the queries received in advance were shared with all the participants of the conference. Additional queries asked during the conference were also noted. Since, most of the queries were technical pertaining to system requirements, the vendors were assured that the consolidated replies to the queries and Amendments to tender (if any) shall be notified by uploading on GeM and OIL's Website, after necessary internal discussions.

5. Closing Remarks

Senior Geophysicist thanked all the vendors for taking time to attend the Pre-Bid conference and making it a successful one and suggested that the observations have been taken in positive spirit and changes which are feasible and plausible will be amended in the tender document suitably.



ऑयल इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Oil India Limited
(A Government of India Enterprise)

Conquering Newer Horizons

Pre-Bid Conference

July 22nd, 2021 | KGB Project, Kakinada

Outline

- 📍 Introduction
- 📍 Requirements
- 📍 Data Domains
- 📍 Data Facets
- 📍 Components
- 📍 Specifications
- 📍 FAQs

Introduction

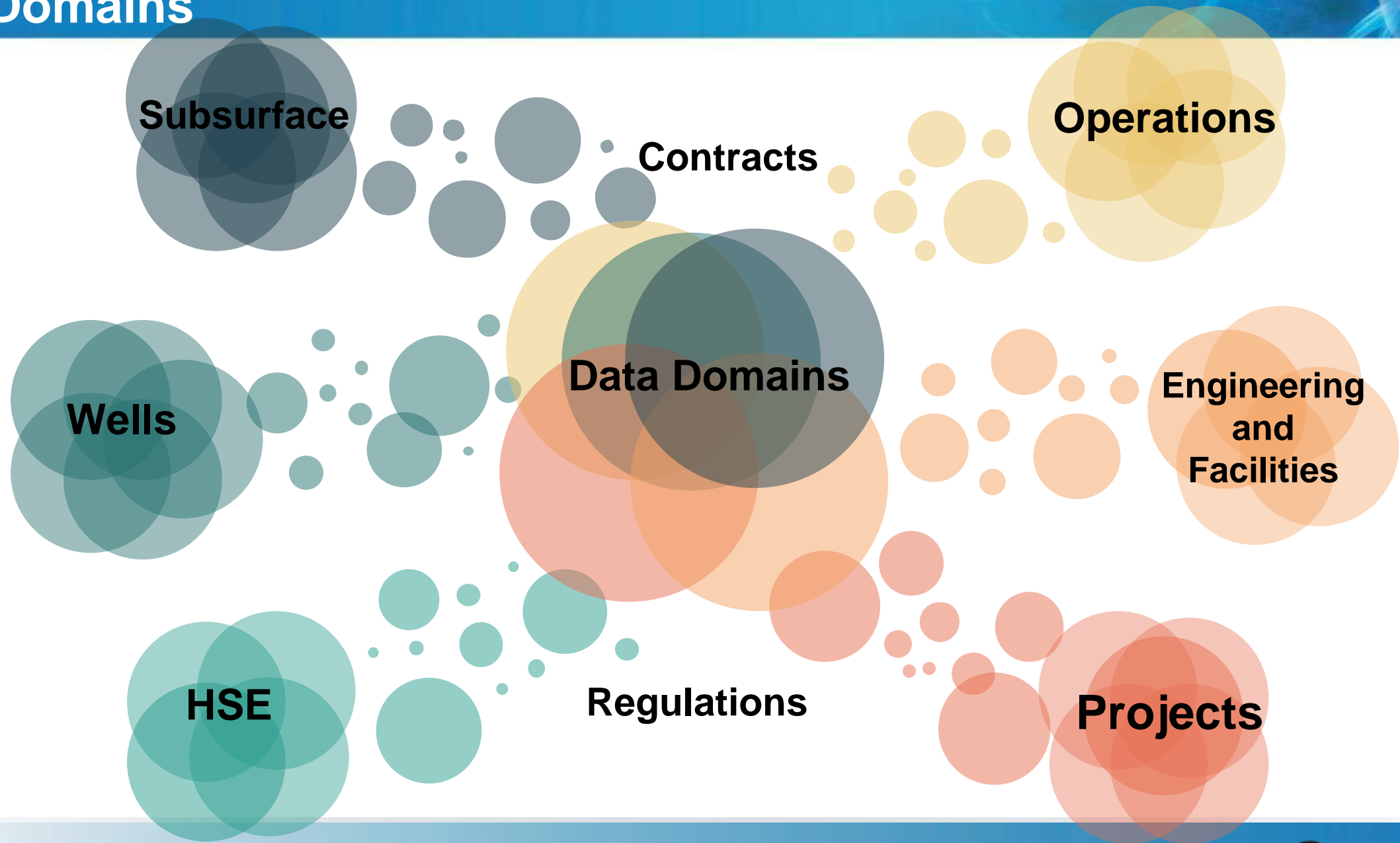
- 📍 OIL INDIA LIMITED (OIL), a “Navaratna” Category, Government of India Enterprise, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas with its Headquarters at Duliajan, Assam.
- 📍 Oil India Limited (OIL)’s Project office located at Kakinada is presently entrusted to coordinate activities related to exploration and production of oil and Natural Gas from the Krishna Godavari onshore and offshore, Mahanadi Onshore, Andaman offshore and Kerala Konkan offshore basins in India.
- 📍 The Project Office of OIL at Kakinada is well connected by Road, Rail & Air.
- 📍 BEP Project is located at Bhubaneswar, Odisha and administratively controlled from KGB Project, Kakinada
- 📍 OIL’s KGB Project is handling 10 blocks located Andaman-Nicobar Offshore, Mahanadi basin, KG onland and Offshore and Kerala-Konkan Basin

Requirement

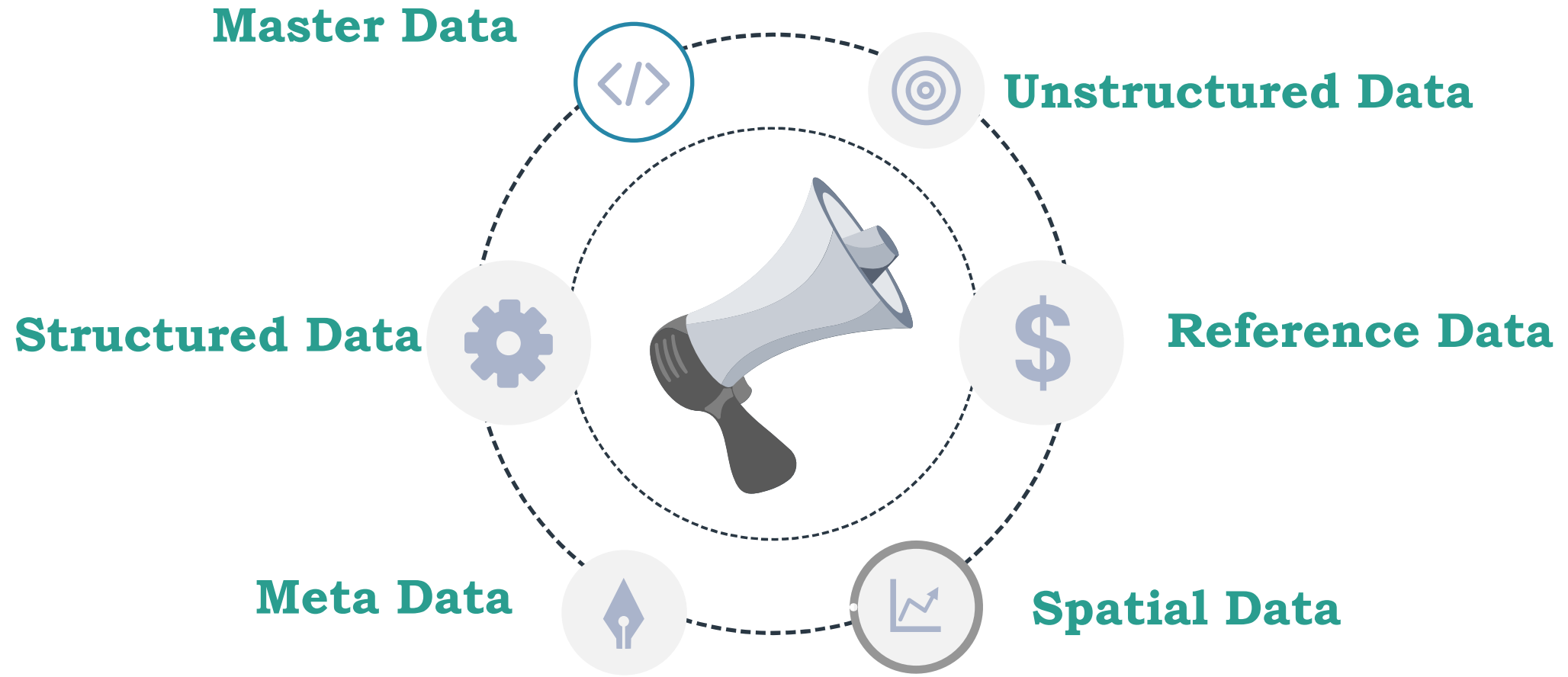
- ❶ Pass data from local workstation to centralized storage and vice-versa.
- ❷ Continue the Oil India Limited's technology upgradation with state-of-the-art servers integrated in an overall system characterized by high availability, consolidation, robustness, scalability, extensibility and enhanced manageability.
- ❸ Provide high availability for mission critical services. Very limited planned downtime is required (allow maintenance works during working hours, full redundancy in involved hardware and clustering of services).
- ❹ Reduction in the manual effort associated with tape backups.
- ❺ Acceleration of backup and restore times.
- ❻ Manageability and flexibility of a single storage solution across project for accessing data and information from single source.
- ❼ Robust disk storage environment with improved uptime
- ❽ Flexible capacity management across the entire KGB & BEP Project.
- ❾ Establish a robust and sustainable backup and restore strategy as well as robust recovery capabilities.
- ❿ Full support for individual file level recovery across all platforms.

This shall cover, on one hand the supply, installation and full commissioning of “G&G Data Solution System”

Data Domains

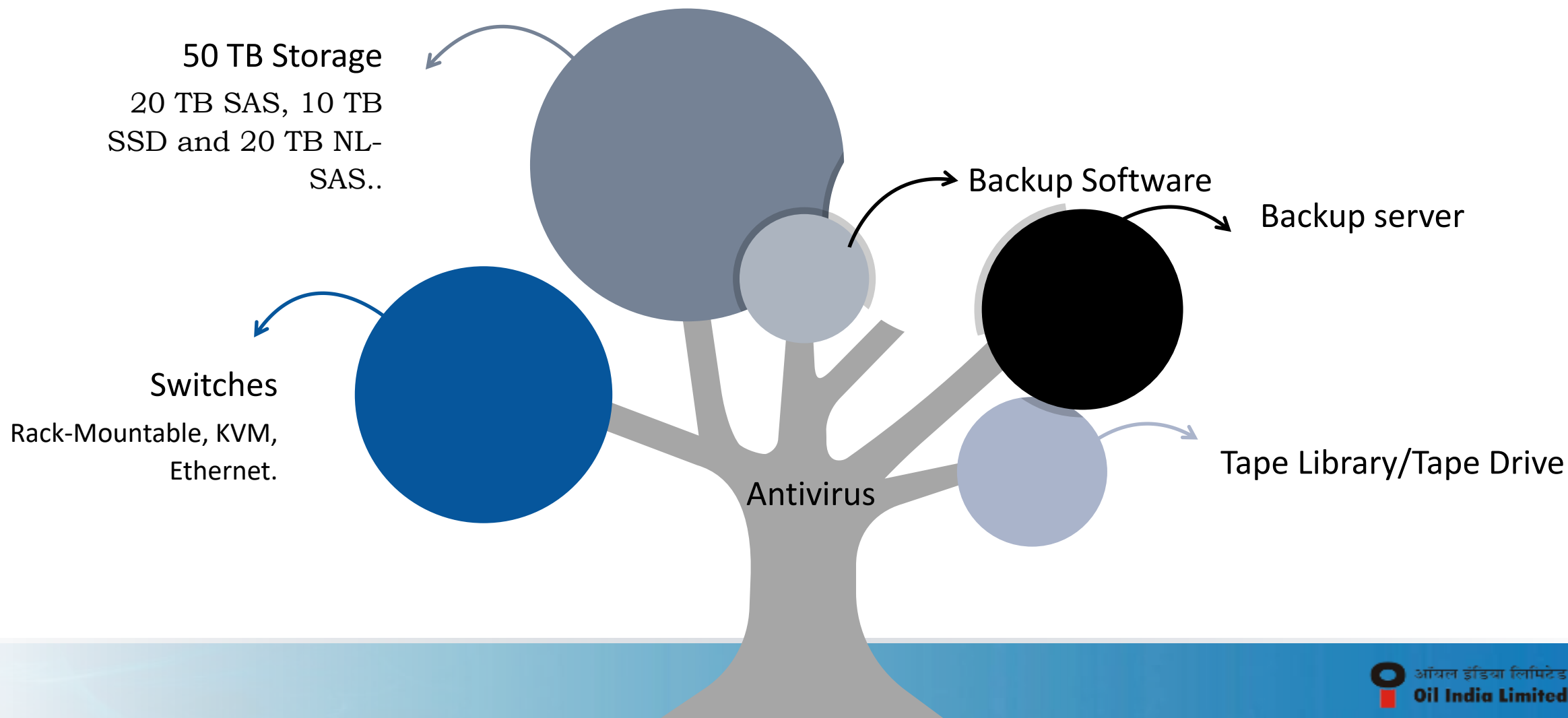


Data Facets



G&G Data Solution Components

Expandable/Scalable



50 TB Storage Solution

No	Requirements	Compliance (Yes/No)	Additional Comments
1	The storage system should support these interfaces- Fiber Channel (8Gb/16Gb), iSCSI (1Gb/10Gb), 10Gbps ethernet as well as CIFS/NFS protocols with 6Gbps/12 Gbps SAS backend.		
2	The storage should be configured with dual controllers in Active - Active & Active -Passive mode. It should be capable to support NAS and SAN Simultaneously. Storage should be able to support SAN and NAS functionality in the same controller without adding NAS header		
3	The storage should be provided with minimum 64 GB cache across controller.		
4	System should be configured to deliver 50 TB usable capacity by using 20 TB SAS, 10 TB SSD and 20 TB NL-SAS. Additionally, two hot spare drives should be factored.		
5	Entire system must be manageable from a web-based single, secure interface without requirements for a separate management device or server.		
6	Management system must include comprehensive online and remote monitoring abilities without third party hardware or software.		
7	Minimum 4 (Four) Years On-site comprehensive warranty with 24 hour response with 24x7 support.		

Switch

No	Requirements	Specification		Compliance (Yes/No)	QUANTITY	Additional Comments
1	Product Name				2	
2	Ethernet Switch	Rack mountable switch with minimum of 48x10GbE SFP+,				

✓ **KVM Switch**

- 4 ports or more KVM switch with panel, CL5716 (ATEN) Slideway LCD KVM Switch

✓ **Network Ethernet switch** : 24 port (1G)

Backup Server

S. No.	Parameter	Specs	Specification Compliance	QUANTITY	Remarks
1	Form factor	2 U Rack mount server		1 NO.	
2	Processor	2 X Intel Xeon E5-2660 v3 2.6GHz or better , 25MB Turbo Boost, 10 Cores			
3	Memory	64 GB, RDIMM,2133MHz, DDR4			
4.	Hard disk drive	4 x 600 GB 10K RPM			
5.	Controller	12 Gbps RAID controller with raid Levels 0,1,5,6,50 With 2 GB cache with flash back			
6.	Networking features	2X 1Gb +2x 10Gb SFP+ ready ports			
7.	Server Connectivity to Switch	Required wires to connect			
8.	Optical drives	Internal DVD \pm RW			
9.	Server Connectivity to Tape Library	SAS HBA 6Gbps External Controller Card with SAS Cable for Tape Library connectivity.			
10.	OS	Windows server 2012 std edition Red Hat Enterprise Linux (RHEL)			
11.	Manageability	System should be manageable remotely			
12.	Warranty	Minimum 4 (Four) Years On-site comprehensive warranty with 24 hour response with 24x7 support & 4 yrs. AMC			
13.	Power Supply	redundant power supply			

Tape Library/Tape Drive/Backup Software

S. No.	Parameter	Specs	Specification Compliance	Remarks
1	Tape Library	2 U Tape Library with 2 x LTO8 drive, 24 slots. Management software to manage, view, monitor tape library.		
2.	Connectivity	SAS card to connect with Backup Server		
3	Backup Media	25 no. of LTO6 RW Tapes with Barcode label		
4.	Cleaning Cartridge	4 no of cleaning cartridge for LTO-6 drive		
5.	42 U Rack	<ul style="list-style-type: none">• 42 U Rack• Power Strips – vertical or Rack mount• Cooling Fan (four)		
6.	LTO 6 Tape Drive	LTO-8- External Tape Drive with SAS adapter and SAS Cable		

Backup software

- 1) Backup solution for both servers and clients mentioned in the technical specifications.
- 2) Backup software should support NAS as well as SAN environment.
- 3) It is required to work with industry standard databases (oracle) as well as file systems.
- 4) Should be able to work on all major platforms like UNIX, LINUX and WINDOWS
- 5) It should have centralized management for complete backup functions, scheduling etc.
- 6) Software should support latest LTO tapes and Tape libraries.
- 7) Web based user interface to easily configure, manage, and monitor Backup system. Web based user interface to perform various tasks such as:
 - a) Manage clients, storage devices, and storage media
 - b) Perform backups and restores
 - c) Monitor jobs, device activities, and logs
 - d) Setup notifications
 - e) Generate and view reports.
- 8) Backup software for database backup , systems backup

- 📍 Norton Symantec antivirus & Internet security 2020 or latest for 4 years
- 📍 Automated updates and upgrades for contract duration.

1. What is the meaning of Full Commissioning?

- ❗ Full Commissioning comprises initial design and installation services, testing, configuration and/or customization, running in production and will be bundled with the acquisition of the equipment.

2. As per the enclosed document, in few places LTO6 is mentioned as this are old generation drives, we are planning to propose LTO8 Medias & drives. *[Tape Library]*

- ❗ Only one generation back LTO drives can Read/Write - RW, if LTO8 is proposed – it can RW LTO8 medias, LTO7 cannot read or write to LTO-6 tapes.

3. What data is to be considered for backup(Files/Folders/System state image)? What is the Size of the Data? *[Backup software]*

- ❗ Backup Software will be dependent on host (Physical server and Workstation) not on capacity. Please propose the software according to the supply of hardware.

FAQs- Tape Library Related

Tape Library

- 4. Can we propose Tape library with 3U rack space instead of 2 U**
 - 5. As per the enclosed document, in few places LTO6 is mentioned as this are old generation drives, we are planning to propose LTO8 Medias & drives.**
 - 6. Do you need both Tape Library with drives & Stand-alone Tape drive – Pls. confirm – Point #1 & 6 in shared document(Tape Library specifications)**
- 9 Tape library with 3U rack is OK, LTO8 Medias & drives is OK and Stand-alone Tape drive is not required.

FAQs- Backup software Related

7. Let us know whether the clients are Physical/Virtual, share us all client details (OS, version, release & Kernel)

8. As industry standard databases (oracle) as well as file systems & Backup software for database backup , systems backup - Share us the DB version details & on what OS they are deployed

9. Do you have any OEM choice for Backup software or based on workloads should we propose

- ✓ clients are Physical (No Virtual) with win 10 OS.
- ✓ Oracle DB is not required, our software is based on flat file system.
- ✓ OEM choice for Backup software (Example) : Commvault/Dell/HP etc.

FAQs - Backup software Related

10. How much usable storage space you will need?

✓ Usable 50 TB

11. Is the NAS used as File server? If so, how many concurrent users will be connected to NAS?

✓ Yes, Number of supplied Workstations.

12. Is the NAS used for data backup of your device? If so, how many PC, Server or Virtual Machine will be backed up? Other requirements?

✓ NAS Used for storage of the Data

13. Which do you prefer, Desktop NAS or Rack Mount?

✓ Rack Mount NAS

Bid Details

Bid End Date/Time	11-08-2021 15:00:00
Bid Opening Date/Time	11-08-2021 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Oil India Limited
Organization Name	Oil India Limited
Office Name	Oil India Limited
Total Quantity	1

Bid Details

Item Category	G&G DATA SOLUTION TO MANAGE SEISMIC DATA, WELL LOG DATA, REPORTS, GEO SCIENTIFIC PROJECTS, CONTRACTS etc.
Minimum Average Annual Turnover of the Bidder	56 Lakh (s)
Years of Past Experience required	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	(1) Experience Criteria, (2) Past Performance, Bidder (3) Turnover, Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	50 %

Bid Details

Time allowed for Technical Clarifications during technical evaluation	5 Days
Inspection Required (By Empanelled Inspection Authority / Agencies preregistered with GeM)	No
Evaluation Method	Total value wise evaluation
MII /MSE Purchase Preference	
EMD Required	No
ePBG Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	54
EMD & Performance security should be in favour of Beneficiary, wherever it is applicable. Beneficiary: CGM-C&P, Oil India Limited, OIL INDIA Limited, OIL INDIA Limited, Ministry of Petroleum and Natural Gas (Mvvs Murty)	

THANK YOU