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Corrigendum No. 2 to tender no. MM-11011(11)/5/2018-DGH/ENQ-132 for supply, installation, and commissioning of storage space and LTO 7 Tape Drives.

This corrigendum is issued to amend technical specifications, to provide revised price schedule/BOM and to provide DGH's response to bidders queries:

Tender Page /clause no	Parameter	Existing Clause	Amended Clause
Page 47/58 - Annexure IV - 2.1	Protocols	Offered storage solution shall support all well-known protocols like FC, ISCSI, FCOE, SMB 3.0, NFS V4 etc.	"Offered storage solution shall support all well-known protocols like FC, ISCSI, SMB 3.0, NFS V4 etc."
Page 48/58 - Annexure IV - 2.1 <i>AND</i> Page 49,50/58 - Annexure IV - 2.2	Completeness of Solution offered	Any additional resource/ accessory, eg SAN Switch, SFP+ Module, FO Cable, LAN switch, adapters, power supply etc. required for completeness of the solution must be provided by the vendor at no additional cost to DGH. To ascertain the extent of additional requirement, vendors may visit PDC site at DGH, OIDB, Noida & SDC site at STPI, Bhubaneswar accompanied by DGH IT personnel. It is the sole responsibility of the vendor to make the system operational in the desired manner.	"Any additional resource/ accessory, eg SAN Switch, SFP+ Module, Storage Controller, Server/ Storage Rack, FO Cable, LAN switch, adapters, power supply etc. required for completeness of the solution must be provided by the vendor, at no additional cost to DGH. To ascertain the extent of additional requirement, vendors may visit PDC site at DGH, OIDB, Noida & SDC site at STPI, Bhubaneswar accompanied by DGH IT personnel. It is the sole responsibility of the vendor to make the system operational in the desired manner."
Page 47/58 - Annexure IV - 2.1	Data Protection	In case of Power failure, Storage array shall have de-stage feature to avoid any data loss.	"In case of Power failure, Storage array shall have de-stage or equivalent cache protection feature to avoid any data loss"
Page 47/58 - Annexure IV - 2.1	Capacity	Net Usable capacity of the offered storage must be min 80 TB after RAID 5 configuration. Vendor is responsible to map the provided capacity to the identified host. All the Hardware and Software required for same to be provided by the bidder.	"Net Usable capacity of the offered storage must be min 80 TB after RAID 5 or equivalent configuration with protection for single disk failure. Vendor is responsible to map the provided capacity to the identified host. All the Hardware and Software required for same to be provided by the bidder."
Page 49/58 - Annexure IV - 2.2	Capacity	Net Usable capacity of the offered storage must be min 80 TB after RAID 5 configuration. Vendor is responsible to map the provided capacity to the identified host. All the Hardware and Software required for same to be provided by the bidder.	Net Usable capacity of the offered storage must be min 80 TB after RAID 5 or equivalent configuration with protection for single disk failure. Vendor is responsible to map the provided capacity to the identified host. All the Hardware and Software required for same to be provided by the bidder

Tender Page /clause no	Parameter	Existing Clause	Clarification
Page 50/58 - Annexure IV - 2.3 Sln#8		Associated software such as Troika etc which can Read/Write data from the LTO Tapes is required to be supplied bundled with Tape Drives. Latest software version along with 4-(Four) No's of perpetual licenses(with 3 year upgrade support) are required to be supplied. The vendor should provide all updates/upgrades to DGH during the period of upgrade/warranty support on No cost basis to DGH.	<p>>This software will be used to copy data from LTO tape to LTO tape/ storage disc & vice versa in industry standard format such as SEGD/SEG-Y/I-O SEG-Y/RODE /TIFF 8 pertaining to E&P seismic data.</p> <p>>DGH is currently using the 3 modules, viz. Magma, Midi & Minima of Troika Software from Troika International Ltd. for this purpose. However, bidder may provide any other equivalent software such as Diplomat Software from Ovation Data Services having minimum equivalent features of these 3 modules of Troika software. Please refer to Annexure VII below for minimum required features.</p> <p>>Open Source Software will not be accepted.</p>

Annexure-VII

Sln#	Feature	Objective	Functionality
1	Seismic Data Recovery	A modular transcription and data manipulation package meeting a wide range of data input, output, reformat and quality control (QC) requirements.	<ul style="list-style-type: none"> • Tape support including modern tape libraries, 9 and 21 track drives • Comprehensive suite of quality control (QC) functionality • Extensive library of seismic formats and the ability to map custom • Standard output conforms to the latest version of SEG-Y • Read and analyse functionality as a free utility • Modulated so that it is easy to build scripts around
2	Seismic Data Copy, Select and QC	Seamlessly copy, manipulate, QC and index SEG-D and SEG-Y tape media and disk files and at the same time extract and visualize associated metadata	<ul style="list-style-type: none"> • Extensive filters and options to produce the best representation of data • Preset workflows providing the end user with the key information required for the job • Mass metadata extraction and data QC in one pass over the data • Batch processing of large volumes of data • Build business rules in to a job for contract compliance • Make changes to the data while it is being processed • Create error reports and loading files

	48/58 S.no 2.1 & Page 49,50/58 S.no 2.2)							
5	Training for 2 DGH persons	1.00	LS			0.00	0.00	INR Zero Only
6	Installation and commissioning	1.00	LS			0.00	0.00	INR Zero Only
Total in Figures						0.00	0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only						

Reply to Queries: Enquiry No MM-11011(11)/5/2018-DGH/ENQ-132 [Supply, Installation and Commissioning of Storage Space & LTO 7 tape drives]

Sno	Tender Ref Pjno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
CCS Computers Pvt. Ltd							
1	Page->53/58	Annexure IV 8.Payment Schedule Sno# i	<p>i. 70% of material cost including taxes after receipt of Hardware Items as per Scope of Supply (Annexure-I) along with OEM's warranty certificates thereof, by DGH as per the terms and conditions of DGH supply order.</p> <p>ii. 20% of material cost including taxes and 100% Installation/ commissioning charges including taxes will be released after (i) successful completion of installation & commissioning and (ii) completion of one month's testing period post commissioning date as per the scope of work.</p> <p>iii. Payment of balance 10% of material value would be retained towards the warranty support and will be released @ 2.5 % of material value in four installments.</p>	<p>i. 80% of material cost including taxes after receipt of Hardware Items as per Scope of Supply (Annexure-I) along with OEM's warranty certificates thereof, by DGH as per the terms and conditions of DGH supply order.</p> <p>ii. 10% of material cost including taxes and 100% Installation/ commissioning charges including taxes will be released after (i) successful completion of installation & commissioning</p> <p>iii. Payment of balance 10% of order value would be release on the submission of Performance bank guarantee 10% of total order value valid for a period of 02 months beyond warranty period.</p> <p>Justification : Being Industry standard</p> <p>Payment terms, most of the RFP's in Govt. Dept. were they stabilizing the Payment term's as referred and explained above</p>			Not agreed; To be guided by relevant tender clause.

Sno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
2	Pg->52-53	7. Time lines for Delivery, Installation, Configuration & Commissioning, and Testing Sno#1	Delivery of items against 2.1 & 2.3 will be at PDC, Noida. Delivery of items against 2.2 will be at SDC, BBSR, Odisha : Within 8 (Eight) weeks from date of LoA	Within 8 – 10 weeks from date of Purchase Order Justification: Being enterprise level products, only back to back delivery arrangements is applicable from all leading OEM's and they will take minimum delivery timelines Back to Back for enterprises range of products within 8 -10 weeks.			Not agreed; To be guided by relevant tender clause.
3	Pg->52-53	7. Time lines for Delivery, Installation, Configuration & Commissioning, and Testing Sno#2	Installation, Configuration & Commissioning. Within 10 (Ten) weeks from date of LoA	Within 10 -12 weeks from date of Purchase order			Not agreed; To be guided by relevant tender clause.
4	Pg->47	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida Parameter:Protocols	Offered storage solution shall support all well-known protocols like FC, iSCSI, FCoE, SMB 3.0, NFS V4 etc.	We request to DGH to ammend the changes to Offered storage solution shall support all well-known protocols like FC, iSCSI, SMB 3.0, NFS V4 etc.	As per SNIA, the standardization process of FCoE started in 2007. But after almost eight years this technology has fallen flat, as most of the vendors are now in support of only FC, and iSCSI for SAN and CIFS, SMB, NFS V4 for NAS. Therefore, most of the storage analysts are terming the future of Fibre Channel over Ethernet as dead. So Kindly remove FCoE.		Agreed: FCoE protocol dropped from specifications. Please refer to amended clause

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
5	Pg->48	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida Parameter: Thin Provisioning and Space optimization	1. Offered storage solution shall support Thin provisioning and Thin Re-claim to make the volume thin for an extended period of time for complete array supported raw capacity.2. Offered storage solution shall support data reduction feature of in-line De-duplication and in-line Compression for volumes. Vendor shall support both in-line de-duplication and in-line compression on a given volume simultaneously.			Data Reduction works best on SSD disks as their response times are lower as compared to Spinning disks. We support Compression and Deduplication on All flash pools but not on pools containing spinning disks, trust same is okay with DGH.	Not agreed; To be guided by relevant tender clause.
6	Pg->48	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida Parameter: Completeness of Solution offered	Any additional resource/ accessory, eg SAN Switch, SFP+ Module, FO Cable, LAN switch, adapters, power supply etc. required for completeness of the solution must be provided by the vendor at no additional cost to DGH. To ascertain the extent of additional requirement, vendors may visit PDC site at DGH, OI DB, Noida & SDC site at STPI, Bhubaneswar accompanied by DGH IT personnel. It is the sole responsibility of the vendor to make the system operational in the desired manner.			Kindly suggest Model of existing switches, Total ports and ports available for additional connectivity. Request you to also define distance of switches from the proposed location of new storage so that bidders can	>SAN Switch : HP SN 6000 No of SAN Switch : 2, configured in HA. No of empty Ports : 5 & 8. >Vendor may visit site for obtaining further details.
7	Pg->48	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida	The storage system array should have hardware based data replication & should be able to replicate data from PDC Storage at DGH, Noida to/from DR Storage, BBSR,			Understand DGH is okay to accept a new storage for this capacity upgrade, please confirm if our understanding is correct that replication license should be provisioned with	The offered storage solution must add storage capacity to the existing system ensuring compatibility as an integrated solution with the existing system & must fulfill the tender requirements.

Slno	Tender Ref Pgno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
		Parameter: Remote Replication	Odisha through a dedicated 100 Mbps MPLS Link. Existing replication license upgrade if any to be provided.			new arrays and this license shall be good to replicate upgraded capacity of 80TB to DR at storage level.	
8	Pg->47	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida				Query: kindly confirm is vendors can provide new storage and capacity from different OEM since the existing Storage has been declared EoL (https://support.hpe.com/hpsc/doc/public/display?docid=emr_na-a00008513en_us)	End of Engineering Support for existing storage is 31st Oct, 2022. The offered storage solution must add storage capacity to the existing system ensuring compatibility as an integrated solution with the existing system & must fulfill the tender requirements.
9	Pg->48	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida Parameter: Remote Replication	The storage system array should have hardware based data replication at the array controller level & should able to replicate data to/from existing PDC Storage at DGH Noida through a dedicated 100 Mbps MPLS Link. Existing replication license upgrade if any to be provided.			Query: This is a proprietary ask since only existing OEM can provide existing replication license upgrade. Kindly confirm if replication license can be provided along with new storage from different OEM without requiring existing license upgrade.	The offered storage solution must be compatible with the existing system as an integrated solution & fulfill the tender requirements. Replication of data between PDC and SDC is a necessary requirement. Additional licenses, if required, must be provided to fulfill this requirement.
10						Kindly confirm the timeframe during which warranty support is required for the setup. The support is co-terminus if the upgrade is happening on existing system. Hence it is required that existing OEM extends the warranty of existing system as well as per warranty required on this setup.	Warranty support required for the offered solution will be for 3 years as specified in para 2.4 under B.1 Technical Rejection Criteria on Page 44.
11	Pg->50	2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida Sno#2	Associated software such as Troika etc which can Read/Write data from the LTO Tapes is required to be supplied bundled with Tape Drives. Latest software version along with 4-(Four) No's of perpetual licenses(with 3 year upgrade support) are required to be supplied. The vendor should provide all updates/upgrades to DGH			We understand DGH is looking for Industry standard backup software which can Read/Write data to/from the supplied LTO Tapes. Please clarify.	Pl refer to clarification published against this clause

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			during the period of upgrade/warranty support on No cost basis to DGH				
Hewlett Packard Enterprise India Pvt. Ltd							
1	Pg->47	<p>Clause # 2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida</p> <p>Parameter: Cache</p>	Storage Controller Array should be offered with 96GB of Data Cache across Dual Controllers. 48 GB for each Controller.	Storage Controller Array should be offered with 48GB of Data Cache across Dual Controllers. 24 GB for each Controller.	Pls refer "HPE StoreServ 7000 Storage" data sheet, Page # 2. On 3PAR 7400 maximum on Node cache supported is 96GB & out of which 48GB is already there in existing (2 controllers) Storage & another 48GB (2 controllers) can be added. Hence request to change this clause.		<p>>Not agreed. To be guided by relevant tender terms.</p> <p>>Clarified that after expansion, the total available storage controller cache must be minimum 96 GB. In view of the availability of 48GB of existing storage controller cache, the additional cache of minimum 48 GB is to be provided.</p>
Modi Infosol Pvt. Ltd							
1	Pg->47	<p>Clause # 2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida</p> <p>Parameter: Cache</p>	Storage Controller Array should be offered with 96GB of Data Cache across Dual Controllers. 48 GB for each Controller.	We request to change the cache across storage to 64 GB,			<p>>Not agreed. To be guided by relevant tender terms.</p> <p>>Clarified that after expansion, the total available storage controller cache must be minimum 96 GB. In view of the availability of 48GB of existing storage controller cache, the additional cache of minimum 48 GB is to be provided.</p>
2	Pg->47	<p>Clause # 2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida</p> <p>Parameter: Data Protection</p>	In case of Power failure, Storage array shall have de-stage feature to avoid any data loss.	We request to change de-stage or equivalent cache protection technology			Agreed. Please refer to ammended clause.

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
3	Pg->44	2.0 Eligibility and experience of the bidder SNo#2.1	The proposed storage array must be in leaders quadrant in the Gartner's Magic Quadrant report for General Purpose - Disk Arrays during all the last two years (2016&17).	Pls remove this criteria.	Gartner has stopped publishing their listing. So to consider listings for last years is not recommended , as the technology keep on upgrading and so then the OEM keep on upgrading their technology. Any OEM not Isited or listed might because of their old products for last years. Also every OEM follow one or other Isitings, as stoarge OEM we follow SPC benchmark and get our storage Isited in SPC nechmark by qualifying with the threshold benchmark specifications.		Not agreed. To be guided by relevant tender clause.
4	Page->50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	Offered LTO-7 External drive shall be supported by existing workstations (Linux & Windows)			1) Requesting DGH to confirm the Exact OS Version of these WorkStation, as this is required to check compatibility of the LTO7 Drives (2) Does DGH has a backup S/w or Would DGH take a LTFS Method to Write Teh data from teh WorkStation to LTO7 Drive/Media	1) Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1 Fujitsu Celsius R940/ Windows 10 Pro 2)PI refer to clarifications w.r.t Para 8 under Clause No 2.3 at Page no 50 of 58
5	Page 50/58 -	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#7	Interface Cards for LTO-7 Drive installation must be provided along with necessary drivers for Windows/ Linux OS. Workstation Models on which the Tape Drives are to be installed are specified at Point No 1.3 above			Request to confirm the Exact OS Version, as this is required to check compatibility of Proposed SAS HBA and it's Drivers. Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)	Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1 Fujitsu Celsius R940/ Windows 10 Pro
6	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#8	Associated software such as Troika etc which can Read/Write data from the LTO Tapes is required to be supplied bundled with Tape			(1) Does DGH only require Troika Software (Magnet Remote Tape Access Software) and Licenses or other LTO Backup Software can be proposed by Bidder along with the	PI refer to clarification published against this clause

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			Drives. Latest software version along with 4-(Four) No's of perpetual licenses(with 3 year upgrade support) are required to be supplied			LTO Tape Drives? (2) or Would DGH take a LTFS Method to Write Teh data from teh WorkStation to LTO7 Drive/Media Request confirmation on the OS Versions being used on the below Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)	
7	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	QTY4 -LTO-7(Qty- 4) Tape Drives for PDC, Noida			Does DGH want 100 LTO7 DATA CARTRIDGES with Each of the LTO7 Drives (ie 4 x 100 = 400 media) or Total 100 Data cartridges are Required Among the 4 LTO7 Drives.	Total of 100 No's of LTO7 Data Cartridge to be supplied.
8	Pg 46/58	SNo#1.4	Supply of Storage system 80TB each for PDC and SDC & LTO-7 Tape drives and associated hardware(s) & software(s).			We request DGH to Please clarify if the 4 LTO7 Drives & the respective Cards, Media, S/w as above is required in ONLY PDC , OR is it required in SDC also	LTO7 Drives & the respective Cards, Media, S/w are required at PDC, Noida only
Hitachi Systems Micro Clinic Pvt. Ltd							
1	Pg->33	Annexure-II; Clause No-11	If DGH finds that the goods supplied are not in accordance with the specification and other conditions stated in the order or its sample(s) are received in damaged condition (of which matters DGH will be the sole judge), DGH shall be entitled to reject the whole of the goods or the part, as the case may be, and intimate within 14 from the date of receipt at site/store house as per terms of Contract to the SUPPLIER the rejection without prejudice to DGH other rights and remedies to recover from the SUPPLIER	We request you to kindly relax this clause- If DGH finds that the goods supplied are not in accordance with the specification and other conditions stated in the order or its sample(s) are received in damaged condition (of which matters DGH will be the sole judge), DGH shall be entitled to reject the whole of the goods or the part, as the case may be, and intimate within 14 days from the date of receipt at site/store house as per terms of Contract to the SUPPLIER the			Not agreed; To be guided by relevant tender clause.

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			any loss which the DGH may be put to, also reserving the right to forfeit the performance security/performance Bond if any, made for the due fulfilment of the contract. The goods shall be removed by the SUPPLIER and if not removed within 14 days of the date of communication of the rejection, DGH will be entitled to dispose-of the same on account and at the risk of the SUPPLIER and after recovering the storage charges at the rate of 5% of the value of goods for each month or part of a month and the loss and expenses if any caused to DGH, pay balance to the SUPPLIER.	rejection without prejudice to DGH other rights and remedies to recover from the SUPPLIER any loss which the DGH may be put to, also reserving the right to forfeit the performance security /performance Bond if any, made for the due fulfilment of the contract.			
2	Pg->53	Annexure-IV; Clause No-7 (1)	<ul style="list-style-type: none"> •Delivery of items against 2.1 & 2.3 will be at PDC, Noida. •Delivery of items against 2.2 will be at SDC, BBSR, Odisha <p>Within 8 (Eight) weeks from date of LoA</p>	We request you to amend this clause as- Within 10 (Ten)-12 (Twelve) weeks from date of LoA			Not agreed; To be guided by relevant tender clause.
3	Pg->53	Annexure-IV; Clause No-7 (2)	Installation, Configuration & Commissioning Within 10 (Ten) weeks from date of LoA.	Installation, Configuration & Commissioning Within 14 (Fourteen) weeks from date of LoA.			Not agreed; To be guided by relevant tender clause.
4	Pg->53	Annexure-IV; Clause No-8	(i) 70% of material cost including taxes after receipt of Hardware Items as per Scope of Supply (Annexure-I) along with OEM's warranty certificates thereof, by DGH as per the terms and conditions of DGH supply order.	We request you to kindly amend this clause as- 90% payment on delivery of material 10% on installation of the material.			Not agreed; To be guided by relevant tender clause.

Slno	Tender Ref Pгно	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			<p>ii. 20% of material cost including taxes and 100% Installation/ commissioning charges including taxes will be released after (i) successful completion of installation & commissioning and (ii) completion of one month's testing period post commissioning date as per the scope of work.</p> <p>iii. Payment of balance 10% of material value would be retained towards the warranty support and will be released @ 2.5 % of material value in four installments.</p>				
5		Clause No-12 (a)	<p>Recover from the Contractor/Supplier as agreed liquidated damages and not by way of penalty, a sum equivalent to 1/2% (half percent) of the contract / PO price per week for such delay or part thereof (this is an agreed, genuine pre-estimate of damages duly agreed by the parties) which the contractor has failed to deliver and/or commission within the period fixed for delivery and/or commissioning in the schedule, where delivery and/or commissioning thereof is accepted after expiry of the aforesaid period. It may be noted that such recovery of liquidated damages may be upto a ceiling of 7.5 % of contract / PO price of the whole unit of stores which the contractor/supplier has</p>	<p>We request you to kindly amend this clause as- Recover from the Contractor/Supplier as agreed liquidated damages and not by way of penalty, a sum equivalent to 1/2% (half percent) of the contract / PO price per week for such delay or part thereof (this is an agreed, genuine pre-estimate of damages duly agreed by the parties) which the contractor has failed to deliver and/or commission within the period fixed for delivery and/or commissioning in the schedule, where delivery and/or commissioning thereof is accepted after expiry of the aforesaid period. It may be noted that such recovery of liquidated</p>			Not agreed; To be guided by relevant tender clause.

Slno	Tender Ref Pigno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			failed to deliver and/or commission within the period fixed for delivery and/or commissioning.	damages may be upto a ceiling of 5 % of contract / PO price of the whole unit of stores which the contractor/supplier has failed to deliver and/or commission within the period fixed for delivery and/or commissioning.			
6	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	Offered LTO-7 External drive shall be supported by existing workstations (Linux & Windows)			1) Requesting DGH to confirm the Exact OS Version of these WorkStation, as this is required to check compatibility of the LTO7 Drives . (2) Does DGH has a backup S/w or Would DGH take a LTFS Method to Write Teh data from teh WorkStation to LTO7 Drive/Media	1) Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1 Fujitsu Celsius R940/ Windows 10 Pro 2)PI refer to clarifications w.r.t Para 8 under Clause No 2.3 at Page no 50 of 58
7	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#7	Interface Cards for LTO-7 Drive installation must be provided along with necessary drivers for Windows/ Linux OS. Workstation Models on which the Tape Drives are to be installed are specified at Point No 1.3 above			Request to confirm the Exact OS Version, as this is required to check compatibility of Proposed SAS HBA and it's Drivers. Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)	1) Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1 Fujitsu Celsius R940/ Windows 10 Pro
8	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#8	Associated software such as Troika etc which can Read/Write data from the LTO Tapes is required to be supplied bundled with Tape Drives. Latest software version along with 4-(Four) No's of perpetual licenses(with 3 year upgrade support) are required to be supplied			(1) Does DGH only require Troika Software (Magnet Remote Tape Access Software) and Licenses or other LTO Backup Software can be proposed by Bidder along with the LTO Tape Drives? (2) or Would DGH take a LTFS Method to Write Teh data from teh WorkStation to LTO7 Drive/Media Request confirmation on the OS Versions being used on the below Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)	PI refer to clarification published against this clause

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
9	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	QTY4 -LTO-7(Qty- 4) Tape Drives for PDC, Noida			Does DGH want 100 LTO7 DATA CARTRIDGES with Each of the LTO7 Drives (ie 4 x 100 = 400 media) or Total 100 Data cartridges are Required Among the 4 LTO7 Drives.	Total of 100 No's of LTO7 Data Cartridge to be supplied.
10	Page Page 46 of 58	SNo#1.4	Supply of Storage system 80TB each for PDC and SDC & LTO-7 Tape drives and associated hardware(s) & software(s).			We request DGH to Please clarify if the 4 LTO7 Drives & the respective Cards, Media, S/w as above is required in ONLY pdc , OR is it required in SDC also	LTO7 Drives & the respective Cards, Media, S/w are required at PDC, Noida only
11	Pg->46	Annexure - IV, Clause 1.2	NDR-DGH is aiming to expand the existing Storage Space available at NDR by procuring additional disk space to meet the storage requirement in view of increase in growth of E&P data in near future and maintaining the operational efficiency while handling larger data volumes			As per our understanding DGH wants to expand the existing Storage by procuring additional diskspace. 1. kindly clarify can bidder propose new Storage System with required storage capacity? 2. in case bidder cannot propose new storage, kindly provide warranty status of existing storage systems, along with serial no. of storage systems. 3. Kindly elaborate the required feature licenses along with additional disk space.	The offered storage solution must add storage capacity to the existing system ensuring compatibility as an integrated solution with the existing system & must fulfill the tender requirements.
12	Pg->46	Annexure - IV, Clause 1.3	Existing System Details: Primary Data Centre (PDC): HP 7400 3PAR Storage System: Capacity:120 TB Secondary Data Centre (SDC): HP-7200 3PAR Storage System: Capacity: 60TB Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)				
13	Pg->46	Annexure - IV, Clause 1.4	d. Integration of upgrade capacity with existing storage system. e. Existing LUN expansion.			It is not clear whether it is mandatory to provide storage space in existing storage systems or bidder can provide new storage system?? PI clarify along with existing OS details of host connected / to be connected with Storage systems	>The offered storage solution must add storage capacity to the existing system ensuring compatibility as an integrated solution with the existing system & must fulfill the tender requirements. >OS of hosts include RHEL & Windows

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
14	Pg->48	Annexure - IV, Clause 2.1, Point Completeness of Solution offered	Any additional resource/ accessory, eg SAN Switch, SFP+ Module, FO Cable, LAN switch, adapters, power supply etc. required for completeness of the solution must be provided by the vendor at no additional cost to DGH. To ascertain the extent of additional requirement, vendors may visit PDC site at DGH, OIDB, Noida & SDC site at STPI, Bhubaneswar accompanied by DGH IT personnel. It is the sole responsibility of the vendor to make the system operational in the desired manner.			We would complete the site survey with due permission from DGH however request you to kindly share the existing storage systems connectivity details e.g. no of hosts connected, SAN Switch details including used ports and licenses etc.	>SAN Switch : HP SN 6000B No of SAN Switch : 2, configured in HA. Empty Ports : 5 & 8. >Vendor may visit site for obtaining further details. >Visit to PDC undertaken by Hitachi on 12th October, 2018
15	Pg->51	Annexure - IV, Clause 2.0, Important Notes:	The Storage solution offered must be able to fit into the existing Rack space available at PDC, Noida & SDC, BBSR. All necessary kits, cables, adapters etc. are to be provided by the bidder. The bidder may visit DGH premises (with prior appointment) to understand the actual requirement, in this regard, that may be required.			We would complete the site survey with due permission from DGH however request you to kindly share the existing available rack space and type of free ports available in existing network for storage systems.	Available Rack Space at PDC: Rack#1->17U & Rack#2->24 U Available Rack Space at SDC: 6U Visit to PDC undertaken by Hitachi on 12th October, 2018
Fujitsu India Pvt. Ltd							
1	Page 47/58	Annexure IV - 2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida - Paramater-Cache#	Cache-Storage Controller Array should be offered with 96GB of Data Cache across Dual Controllers. 48 GB for each Controller.	we request to change the cache across storage to 64 GB(32 GB per controller), . Keeping in mind 80 TB capacity 64 GB cache is more than sufficient. Cache is used only for			>Not agreed. To be guided by relevant tender terms. >Clarified that after expansion, the total available storage controller cache must be minimum 96 GB. In view of the availability of 48GB of existing

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
				reading the same data at higher speed which is stored in cache for workload where same data is not accssible again & again, the performace of storage comes from Disk subsystem.			storage controller cache, the additional cache of minimum 48 GB is to be provided.
2	Page 47/58	Annexure IV - 2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida - Paramater-Data Protection#	Data protection - In case of Power failure, Storage array shall have de- stage feature to avoid any data loss.	we request to change de - stage or equivalent cache protection technology. Every storage OEM has own researched & developed technology for cache protection , so we request to change the same so that the technology of all reputed OEM is accepted and are allowed to participate in tender			Agreed. Please refer to ammended clause.
3	Page 47/58	Annexure IV - 2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida - Paramate--OEM Qualification#	OEM Qualification- The proposed storage array must be in leaders quadrant in the Gartner's Magic Quadrant report for General Purpose - Disk Arrays during all the last two years (2016&17).	Pls remove this criteria- Every OEM follow one or other Isitings, as stoarge OEM we follow SPC benchmark and get our storage lsited in SPC nechmark by qualifying with the threshold benchmark specifications. It is limiting the partisipation in th Tender. Fujitsu has storage technology since last 40 year . Fujitsu stoarge are working in many oli and Gas PSU in india a world wide. DGH is already running their workload on Fujitsu Storage.	Is Gartner's Magic Quadrant for General Purpose Disk Arrays qualification is mandate from any purchase guideline		Not agreed; to be guided by relevant tender clause.
4	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	"Offered LTO-7 External drive shall be supported by existing workstations (Linux & Windows)"			1) Requesting DGH to confirm the Exact OS Version of these WorkStation, as this is required to check compatibility of the LTO7 Drives	1) Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
						<p>· (2) Does DGH has a backup S/w or Would DGH take a LTFS Method to Write Teh data from teh WorkStation to LTO7 Drive/Media</p>	<p>Fujitsu Celsius R940/ Windows 10 Pro</p> <p>2)PI refer to clarifications w.r.t Para 8 under Clause No 2.3 at Page no 50 of 58</p>
5	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#7 -	"Interface Cards for LTO-7 Drive installation must be provided along with necessary drivers for Windows/ Linux OS. Workstation Models on which the Tape Drives are to be installed are specified at Point No 1.3 above"			<p>Request to confirm the Exact OS Version, as this is required to check compatibility of Proposed SAS HBA and it's Drivers.</p> <p>Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)</p>	<p>1) Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1 Fujitsu Celsius R940/ Windows 10 Pro</p>
6	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#8	"Associated software such as Troika etc which can Read/Write data from the LTO Tapes is required to be supplied bundled with Tape Drives. Latest software version along with 4-(Four) No's of perpetual licenses(with 3 year upgrade support) are required to be supplied"			<p>(1) Does DGH only require Troika Software (Magnet Remote Tape Access Software) and Licenses or other LTO Backup Software can be proposed by Bidder along with the LTO Tape Drives? (2) or Would DGH take a LTFS Method to Write Teh data from teh WorkStation to LTO7 Drive/Media</p> <p>Request confirmation on the OS Versions being used on the below Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)</p>	<p>PI refer to clarification published against this clause</p>
7	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	QTY4 -LTO-7(Qty- 4) Tape Drives for PDC, Noida			<p>Does DGH want 100 LTO7 DATA CARTRIDGES with Each of the LTO7 Drives (ie 4 x 100 = 400 media) or Total 100 Data cartridges are Required Among the 4 LTO7 Drives.</p>	<p>Total of 100 No's of LTO7 Data Cartridge to be supplied.</p>
8	Page 46 of 58	SNo#1.4	Supply of Storage system 80TB each for PDC and SDC & LTO-7 Tape drives and associated hardware(s) & software(s).			<p>We request DGH to Please clarify if the 4 LTO7 Drives & the respective Cards, Media, S/w as above is required in ONLY PDC , OR is it required in SDC also .</p>	<p>LTO7 Drives & the respective Cards, Media, S/w are required at PDC, Noida only</p>
9	Page Page 51 of 58	Point No 3. Installation and Commissinoing, Point iii	Total usable capacity at PDC should be 200TB (120 TB existing + 80 TB new). · Total usable capacity at SDC should be 140TB (60 TB			<p>Would like to bring in kind notice that new storage will provide additional LUN of 80 TB which can be mounted on same hosts servers through separate interface ports providing</p>	<p>>The offered storage solution must be compatible with the existing system as an integrated solution & fulfill the tender requirements.</p>

Slno	Tender Ref Pgno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			existing + 80 TB new). · Existing LUN must be able to expand to the new offered capacity.			additional 80 TB LUN, but same LUN cannot be merged with existing to create a single LUN of 100 TB. This is for information, Kindy clarify the importnat point Do you want Upgrdation of Existing stoarge with same OEM or give space to add adational stoarge in SAN	> Expansion of existing LUN is a requirement in view of the tender being addition of storage capacity to the existing storage solution at DGH.
10	Page Page 51 of 58	Point No 3. Installation and Commissinoing, Point iii	It will be the responsibility of the bidder to install all the LTO-7 Tape Drives with the existing workstations of DGH. Necessary Interface Cards are to be provided by the bidder			Pls clarify on the interface on existing server and workstation and if Interface are not provided then which interface cards are supported as per your requirment & workload same need to provided for check compatibility. Please confirm that existing hardware has free PCIe slots for interface card expansion .	>Existing Workstations have free PCIe 3 X16 slots.
Tandberg Data Storage Group							
1	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	"Offered LTO-7 External drive shall be supported by existing workstations (Linux & Windows)"			1) Requesting DGH to confirm the Exact OS Version of these WorkStation, as this is required to check compatibility of the LTO7 Drives . (2) Does DGH has a backup S/w or Would DGH take a LTFS Method to Write Teh data from teh WorkStation to LTO7 Drive/Media	1) Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1 Fujitsu Celsius R940/ Windows 10 Pro 2)PI refer to ammendments to Para 8 under Clause No 2.3 at Page no 50 of 58
2	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#7 -	"Interface Cards for LTO-7 Drive installation must be provided along with necessary drivers for Windows/ Linux OS. Workstation Models on which the Tape Drives are to be installed are specified at Point No 1.3 above"			Request to confirm the Exact OS Version, as this is required to check compatibility of Proposed SAS HBA and it's Drivers. Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)	1) Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1 Fujitsu Celsius R940/ Windows 10 Pro
3	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#8	"Associated software such as Troika etc which can Read/Write data from the LTO Tapes is required to be supplied bundled with Tape			(1) Does DGH only require Troika Software (Magnet Remote Tape Access Software) and Licenses or other LTO Backup Software can be proposed by Bidder along with the	>PI refer to clarification published against this clause >Workstation Model Number/OS: HP Z620/ Windows 7 Pro SP1

Slno	Tender Ref Pгно	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			Drives. Latest software version along with 4-(Four) No's of perpetual licenses(with 3 year upgrade support) are required to be supplied"			LTO Tape Drives? (2) or Would DGH take a LTFS Method to Write Teh data from the WorkStation to LTO7 Drive/Media Request confirmation on the OS Versions being used on the below Workstation Model Number: HP Z620, Fujitsu Celsius R940.(for LTO-7 Tape Drive installation)	Fujitsu Celsius R940/ Windows 10 Pro
4	Page 50/58	Annexure IV - 2.3 LTO-7(Qty- 4) Tape Drives for PDC, Noida - Serial No#3	QTY4 -LTO-7(Qty- 4) Tape Drives for PDC, Noida			Does DGH want 100 LTO7 DATA CARTRIDGES with Each of the LTO7 Drives (ie 4 x 100 Qty = 400 media) or Total 100 Data cartridges are Required Among All the 4 LTO7 Drives.	Total of 100 nos of LTO7 Data Cartridge to be supplied
5	Page 46 of 58	SNo#1.4	Supply of Storage system 80TB each for PDC and SDC & LTO-7 Tape drives and associated hardware(s) & software(s).			We request DGH to Please clarify if the 4 LTO7 Drives & the respective Cards, Media, S/w as above is required in ONLY pdc , OR is it required in SDC also	LTO7 Drives & the respective Cards, Media, S/w are required at PDC, Noida only
Proactive Data Systems Pvt Ltd							
1	Pg->47	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida Parameter:Capacity	Net Usable capacity of the offered storage must be min 80 TB after RAID 5 configuration. Vendor is responsible to map the provided capacity to the identified host. All the Hardware and Software required for same to be provided by the bidder.	We request to amend this clause and read it as "Net Usable capacity of the offered storage must be min 80 TB after RAID 5 or equivalent configuration. Vendor is responsible to map the provided capacity to the identified host. All the Hardware and Software required for same to be provided by the bidder."	Different OEMs have different nomenclature for RAID protection. Thus single disk protection is called as RAID 4 by NetApp.		Agreed: Pl refer to amendment against this clause
2	Pg->47	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida	1. The Storage Array shall be offered with 16 x 1.2TB SAS 10K RPM & 16 x 6TB NL-SAS 7.2K RPM drives. Necessary drive enclosure to	We request to amend this clause and read it as "1. The Storage Array shall be offered with 16 x 1.2TB SAS 10K RPM & 16 x 6TB NL-SAS 7.2K	Please generalize the Disk type for better solution and competition.		Not agreed; To be guided by relevant tender clause

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
		Parameter :Drive Types	accommodate the drives must be provided and the drives are to be housed into them.	RPM drives or Higher . Necessary drive enclosure to accommodate the drives must be provided and the drives are to be housed into them."			
3	Pg->47	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida Parameter : Cache	Storage Controller Array should be offered with 96GB of Data Cache across Dual Controllers. 48 GB for each Controller.	We request to amend this clause and read it as "Storage Controller Array should be offered with 256 GB of Data Cache across Dual Controllers. 48 GB for each Controller."	All major storage OEM have Cache in the factor of 64,128,256,512GB. 96 GB of cache is a vendor and model specific, which gives a commercial edge to a particular OEM. Hence for fair competition we request the following change in the clause.		>Not agreed. To be guided by relevant tender terms. >Clarified that after expansion, the total available storage controller cache must be minimum 96 GB. In view of the availability of 48GB of existing storage controller cache, the additional cache of minimum 48 GB is to be provided.
4	Pg->48	2.1 Storage Capacity Upgradation: 80 TB Usable Disk Space + 2 Storage Controllers at PDC, Noida Parameter : Completeness of Solution offered	Any additional resource/ accessory, eg SAN Switch, SFP+ Module, FO Cable, LAN switch, adapters, power supply etc. required for completeness of the solution must be provided by the vendor at no additional cost to DGH. To ascertain the extent of additional requirement, vendors may visit PDC site at DGH, OIDB, Noida & SDC site at STPI, Bhubaneswar accompanied by DGH IT personnel. It is the sole responsibility of the vendor to make the system operational in the desired manner.			Please share the detail existing infrastructure to understand the additional accessories requirement to implement the new system.	>SAN Switch : HP SN 6000B No of SAN Switch : 2, configured in HA. Empty Ports : 5 & 8. >Vendor may visit site for obtaining further details.
5	Pg->49	2.2 Storage Capacity upgradation: 80 TB Usable Disk Space at SDC, BBSR, Odisha. Parameter: Capacity	Net Usable capacity of the offered storage must be min 80 TB after RAID 5 configuration. Vendor is responsible to map the provided capacity to	We request to amend this clause and read it as "Net Usable capacity of the offered storage must be min 80 TB after RAID 5/6 or equivalent	Different OEMs have different nomenclature for RAID protection. Thus single disk protection is called as RAID 4 by NetApp.		Agreed: Pl refer to amendment against this clause

Slno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			the identified host. All the Hardware and Software required for same to be provided by the bidder.	configuration. Vendor is responsible to map the provided capacity to the identified host. All the Hardware and Software required for same to be provided by the bidder."			
6	Pg->49	2.2 Storage Capacity upgradation: 80 TB Usable Disk Space at SDC, BBSR, Odisha. Parameter: Drive Types	1. The Storage Array shall be offered with 16 x 1.2TB SAS 10K RPM & 16 x 6TB NL-SAS 7.2K RPM drives. Necessary drive enclosure to accommodate the drives must be provided and the drives are to be housed into them.	We request to amend this clause and read it as "1. The Storage Array shall be offered with 16 x 1.2TB SAS 10K RPM & 16 x 6TB NL-SAS 7.2K RPM drives or better . Necessary drive enclosure to accommodate the drives must be provided and the drives are to be housed into them."	Please generalize the Disk type for better solution and competition.		Not agreed; To be guided by relevant tender clause.
7	Pg-49,50	2.2 Storage Capacity upgradation: 80 TB Usable Disk Space at SDC, BBSR, Odisha. Parameter: Completeness of Solution	Any additional resource/ accessory, eg SAN Switch, SFP+ Module, FO Cable, LAN switch, adapters, power supply etc. required for completeness of the solution must be provided by the vendor, at no additional cost to DGH. To ascertain the extent of additional requirement, vendors may visit PDC site at DGH, OADB, Noida & SDC site at STPI, Bhubaneswar accompanied by DGH IT personnel. It is the sole responsibility of the vendor to make the system operational in the desired manner.			Please share the detail existing infrastructure to understand the additional accessories requirement to implement the new system.	>SAN Switch : HP SN 6000B No of SAN Switch : 1. Empty Ports : 8. >Vendor may visit site for obtaining further details. Pl refer to amendment against this clause.

Sno	Tender Ref Pgeno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
Intensity Global Technologies (P) Ltd							
1	Pg->44	BID EVALUATION CRITERIA: Point 2.3 :	The bidder must have successfully executed at least 2 orders for the supply of storage solutions of 100 TB each or more to any Government Agency/PSU/listed company/etc in the past 3 years from the date of bid closing. Documentary evidences like purchase orders / equivalent documents showing operations of such jobs along with completion Certificate(s) or payment certificates or any other documents which substantiate completion of the jobs, issued by the client(s) with contact details of the issuing person/organization (e-mail address, Phone Number, Fax number etc.) must be submitted along with the bid.	In this Clause, you asked for successfully executed at least 2 orders of 100 TB each or more to any Government Agency/PSU/ listed company/etc. Here we request your concerned on this point that we have the said orders but we have that One from Limited Company and another from Private Limited. Hence,			Agreed. However, relevant documentary evidence must be provided along with the bid.
Schlumberger Solutions Pvt Ltd							
1	Pg->44	2.0 Eligibility and experience of the bidder SNo#2.3	The bidder must have successfully executed at least 2 orders for the supply of storage solutions of 100 TB each or more to any Government Agency/PSU/listed company/etc in the past 3	The bidder must have successfully executed at least 1 order for the supply of storage solutions of 100 TB each or more to any Government Agency/PSU/listed company/etc in the past 7			Not agreed; To be guided by relevant tender clause.

Slno	Tender Ref Pgno	Tender Clause No	Tender Clause Description	Change Request	Justification for Change	Queries for Clarification	DGH's Comments
			years from the date of bid closing.	years from the date of bid closing.			