Response to Queries (RTQ) – Tender Reference No.: DGRPG/NGFW/2023/2							
SN	**Tender / ATC Clause No.**	**Page No.**	**Tender / ATC Clause**	**Tender / ATC clause details/specification**	**Amendment Sought / Suggestion**	**Justification**	**PSeGS response**
1	5.1	8 to 11	Eligibility / pre-qualification criteria	All Clauses	We request DGRPG to kindly consider and add the following clause: "In case of corporate restructuring involving Business Transfer, all the Qualifying Criteria / Technical Scoring Criteria (or any other criteria pertaining to bidder's credentials) can be met by the bidding entity itself, or by the bidding entity's parent company (if the bidding entity is 100% owned subsidiary of the parent company) or by fellow subsidiary company (which is 100% owned by the parent company). Supporting documents of the parent company's / fellow subsidiary company's credentials shall also be acceptable for all the Eligibility Criteria/Technical Scoring and any other criteria requiring bidder's credentials to qualify."	–	As per RFP

2	8.3.1	29	SLA	**Activity -** Submission of PBG and Signing of Contract **Deliverable ;** PBG & Signed Contract.) **Target / Service Level -** 20 days from the issue of Letter of Intent (LoI)-cum- Work Order.	1. We request DGRPG to amend the clause as under: a) **Deliverable :** Submisison of PBG - **Target / Service Level -** 45 Days from the issue of Letter of Intent (LoI)-cum-Work Order. b) **Deliverable :** Signing of Contract - **Target / Service Level -** 60 Days from the issue of Letter of Intent (LoI)-cum-Work Order.	_	As per RFP
3	8.3.2	29	SLA	**Activity :** Delivery, Installation and Commissioning of equipment - **Deliverable:** Equipment delivered at PSDC **Target / Service** **Level:** 45 days from the date of issue of Letter of Intent (LoI)-cum-Work Order.	1. We request DGRPG to amend the clause as under: **Activity :** Delivery, Installation and Commissioning of equipment - **Deliverable:** Equipment delivered at PSDC **Target / Service Level:** 120 days from the date of issue of Letter of Intent (LoI)-cum-Work Order.	_	As per RFP
4	9.1.2	30	Payment Terms	100% payment shall be released to the vendor on delivery, installation, commissioning, training of the equipment & testing for minimum 15 days on production of following documents: -	1. We request DGRPG to amend the clause as under: 80% payment shall be released to the vendor on delivery 20% Payment shall be released to the vendor on installation, commissioning, training of the equipment & testing.	_	As per RFP

5	7.2.3	24	Technical Specifications	Firewall Solution throughput should have at least 50 Gbps.	NGFW (Application control, IPS, Content Awareness) throughput should have at least 50 Gbps. NGFW throughput should have at least 50 Gbps (Application control, Content Filtering and Logging enabled).	Firewall throughput only includes NATTING capabilities inlcuding allow and block capabilities, instead NGFW throughput should be taken into consideration with minimum IPS siganture based prevention. Since the requirement is for internal firewall and some traffic requires only basic IPS inspection. Therefore, request to amend the clause as suggested. Every OEM has a different NGFW throughput calculation logic. Please make the clause generic for wider OEM participation.	As per RFP

6	7.2.4	24	Technical Specifications	Firewall Solution Threat Prevention throughput should have at least 30 Gbps.	Firewall Solution Threat Prevention throughput should have at least 24 Gbps. Firewall Solution Threat Prevention throughput should have at least 30 Gbps with App-ID, IPS, antivirus, antispyware, Sandboxing, DNS Security, file blocking, and logging enabled, utilizing 1048 KB HTTP considering 100% Traffic mix.	As per revised new connections per second and concurrent connections per second, NGTP throughput ask is on higher side. Kindly revise NGTP throughput as suggested. Threat Protection/Prevention throughput is the correct benchmarking for NGFW platforms and this throughput should be defined clearly by mentioned all the security services to be enabled on the platform with the clear description on traffic mix pattern and transaction size. There is large variation on TP throughput with a slight deviation in traffic mix pattern and transaction sizes	As per RFP

7	7.2.9	24	Technical Specifications	Firewall solution based on upto 3U space design form factor.	To be deleted.	Considering the Punjab State Data Center, any of the firewall should not be restricted based on the Rack Size instead the device should be scalable for future expansion. Request to delete the clause for attaining the scalablity of the solution.	As per RFP
8	7.2.6	24	Technical Specifications	Firewall Solution should have at least 5 Lakh new sessions per second or minimum 3,50,000 new Layer 7 sessions per second.	Firewall Solution should have at least 5 Lakh new sessions per second or minimum 2,70,000 new Layer 7 sessions per second.	There is minimum 85-90% degradation on session benchmarking when Layer 4 is compared against Layer 7 session count values.	As per RFP
9	7.2.7	24	Technical Specifications	Firewall Solution should have at least 32M Concurrent sessions -OR- at least 5 million Layer-7 Concurrent Sessions.	Firewall Solution should have at least 32M Concurrent sessions -OR- at least 3.5 million Layer-7 Concurrent Sessions.	There is minimum 85-90% degradation on session benchmarking when Layer 4 is compared against Layer 7 session count values.	As per RFP

10	7.2.10	24	Technical Specifications	Firewall Solution should have at least 2TB log capability internally/externally along with support for scalable external storage (eg: SAN/RAID) feature.	Firewall Solution should have at least 8TB log capability internally/externally on the offered solution.	2TB capacity is not available on all OEM HW platforms and this clause will restrict other OEMs to participate. Logging will be done on the Central Management and Reporting Solution. So, Please make the clause generic and simple so that other leading OEMs can participate in the defined RFP requirement. 2TB logging capability is very well considering SDC and retention policy usually adopted from audit/compliance standpoint. Please increase the same to minimum 8TB because the HW sizing defined is of Large Size NGFW appliance.	Higher size will be acceptable

11	7.2.24	25	Technical Specifications	Firewall must support Quick detection of C2 or data theft employing DNS tunneling.	Firewall must support Quick detection of C2 and data theft employing DNS tunneling and even provide protection against advanced DNS based attack vectors like: Dynamic DNS and DGA based attacks from day 1.	DNS attack vectors have evolved with time and security posture assessment should include the mentioned advanced prevention mechansims from DNS security landscape so that critical infrastructure of the DGR is not compromised from such attack vectors which are prevalent/seen in the infrastructure these days.	As per RFP
12	7.2.30	26	Technical Specifications	Should have more than 10,000 (excluding custom signatures) IPS signatures or more.	Should have more than 15,000 (excluding custom signatures) IPS signatures or more.	More IPS signatures definitions will ensure better security efficacy of the DGR critical infrastructure and DGR should not compromise on the such artificact prevention mechansims.	Higher signatures will be acceptable
13	Additional Clarification		Please clearly specify what Licenses/security services are required from day 1 in an additional clause from the OEM/SI to for example: Is IoT Security capabilities required from day 1 bundled in the solution BOM or appliance/solution should support such capabilities ?				As per RFP