

## **Additional Terms and Conditions in reference to RA No: GEM/2019/RA/7690**

PSeGS invites bids from interested bidders for supply, installation and commissioning of Data Center equipment with comprehensive onsite warranty to be installed in the State Data Center of Punjab situated at Mohali.

### **Additional terms and conditions:**

1. The bidder must submit Product Life Cycle certificate from OEM for atleast 7 years. Further, the OEM shall ensure the availability of spares during this period. (Document: Legally vetted letter from OEM).
2. The equipment supplied must be compliant with the racks installed in State Data Centre which are of 4.5 KVA power capacity. (Document: Legally vetted letter from OEM).
3. The OEM must ensure 24 \* 7 \* 365 service support during warranty period. The complaints must be resolved (including the cases where the equipment requires to be replaced) within 4 hours of lodging of complaint. (Document: Legally vetted letter from OEM). In case of non-compliance, a penalty @ 0.5% of the concerned equipment cost per hour of delay beyond 4 hours (or part thereof) shall be applicable, subject to minimum of Rs. 500 per hour. This rate of penalty shall be doubled after every 24 hours incase the equipment is not made functional. These penalties shall be recovered from the pending payment (if any) or from the PBG.
4. The OEM will be required to replace the equipment completely free of cost in case there are more than 2 breakdowns for a specific equipment in a span of 3 months. (Document: Legally vetted letter from OEM).
5. OEM should have depot / warehouse for storing spare parts in Chandigarh / Mohali / Panchkula with resident engineers to provide after sales support. (Document: Legally vetted letter from OEM).
6. Installation & demonstration is required for all items in the RA. (Document: Legally vetted letter from OEM).
7. Separate onsite training for 2 days needs to be provided for each item in the RA. (Document: Legally vetted letter from OEM).

8. For blade server equipment, OEM should be amongst top 4 companies for at least 3 times in the last four IDC worldwide quarterly reports for “server shipment”.
9. For storage, OEM should be amongst top 4 companies for at least 3 times in the last four IDC worldwide quarterly reports for “external enterprise storage revenue”.
10. 90% payment will be made after delivery, installation and commissioning of the all items in the RA. Remaining 10% payment will be made on annual basis spread over five years (i.e. 2% payment after completion of each year from the date of commissioning).
11. The invoices must be raised using GST number of Punjab only.
12. For Operating System Software, out of the total 16 licenses being procured, 8 licenses are required for High Availability extension.
13. The bidder should not have offered lesser price for any of the line items to any government / semi-government organization of Centre or any State. If such a case is discovered for any line item then the lesser price offered to the other organization shall be automatically applicable for those line items in this RA.
14. Amendment / clarification in specifications for various equipment is as under:
  - a) SAN Switch:
    - i. 48 fibre channel base ports are required with licenses for all ports.
  - b) Chassis For Blade Server:
    - i. **Minimum** Size of Blade server chassis should be 6U
    - ii. **Minimum** Number of Bays available in chassis should be 8
  - c) Storage System:
    - i. SAN's capacity should be 200 TB usable with SSD, SAS ratio of 60:40. The cumulative IOPS should be 2.5 lakhs (60% Write and 40% Read). SAS with RPM 10K.
    - ii. Total number of drive slots should be 450 (**minimum**).
    - iii. There is no limitation on the number of Drives slots that need to be populated with SAS or SSD.
    - iv. 3-DC Zero Data Loss Support is required.