

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

BHARAT HEAVY ELECTRICALS LIMITED

HEAVY POWER EQUIPMENT PLANT, RAMACHANDRAPURAM, HYDERABAD - 502 032, INDIA
INFORMATICS CENTRE

Ref: NOA1N05226/Corrigendum_01

Date: 24-MAY-2014

To,
ALL BIDDERS

Sub: Corrigendum_01 for Changes in RFP Clauses

NIT Number: **17396** (SAP Servers and Other Equipment for HRMS and HPEP)

Tender Number: **NOA1N05226** Dated 23-APR-2014

Bidders to kindly take note of the following:

CORRIGENDUM / ADDENDUM TO THE RFP FOR PROCUREMENT OF SAP-HRMS & SAP-HPEP SERVERS AND OTHER EQUIPMENT – 2014

Sl. No.	Page / Clause No. of RFP	Read for	Read as
1.	Pg 8, Clause 2.1.10	<i>(Additional Para to the existing clause)</i>	The Bidder/ SAP Services Partner should have SAP Certified OS/DB Migration Expert(s) on-rolls and should have carried out minimum one SAP Migration Project in last 3 years with following criteria: <ul style="list-style-type: none">• minimum of 300 SAP ECC users.• covering at least SAP ECC, BW & EP. Necessary supporting documents need to be submitted.
2.	Pg 8, Clause 2.2.1.3	The OEM of Server must have executed (either directly or through authorized partner) at least 2 such orders (at least 1 in India) in the last 5 years having total lease / outright value of minimum INR 5 crores in each order. OEM shall submit documentary evidence to support this.	The OEM of Server must have executed (either directly or through authorized partner) at least 2 such orders (at least 1 in India) in the last 5 years having total lease / outright value of minimum INR 5 crores in each order. Bidder shall submit documentary evidence to support this.
3.	Page 10, Clause 3.1.5	Vendor shall supply and install two Precision Air Conditioners (PAC) of 20 Ton each, by replacing existing PACs in the Data Centre. The existing 2 nos. of working PACs in the Data centre needs to be dismantled and installed in a new location as decided by BHEL within the same campus	Vendor shall supply and install two Precision Air Conditioners (PAC) of 20 Ton each, by replacing existing PACs in the Data Centre. The removed 2 nos. of PACs from Data Centre, needs to be dismantled and re-installed, by replacing existing PACs in DR site located within the BHEL Campus.
4.	Pg 12 & 80, Clause 3.4.1.4 & 6.11.1.4	<i>(Additional Para to the existing clause)</i>	Migration Team Lead should be a SAP Certified OS/DB Migration Expert.
5.	Pg 17 & 24, Clause 3.11 & 4.10	<i>(Additional Para to the existing clause)</i>	SLA deduction shall be limited to 10% of the Order Value.
6.	Pg 23, Clause 4.4	Please refer to the clause 5.11(Technical Specification)	Please refer to the clause 6.11(Technical Specification)

Date:

Bidder's Signature & Seal

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Sl. No.	Page / Clause No. of RFP	Read for	Read as
7.	Pg 26, Clause 4.13.2	Two qualified OEM certified Site Engineers shall be posted for DC and DR.	Two qualified OEM certified Site Engineers shall be posted (common for both DC & DR)
8.	Pg 26, Clause 4.13.3	Three Operators shall be posted for DC and DR.	Three Operators shall be posted (common for both DC & DR)
9.	Pg 37 & 66, Clause 5.4 & 6.4	There should be provision for adding 20 additional drives for SSD (2½" disks) and 100 additional drives for SAS II (2½" disk). "Provision" means all the necessary infrastructure should be in place (at the time of delivery) so that whenever new disks are added to these additional drives (20 for SSD & 100 for SAS II), the new disks are to be available for storage configuration. Provide all the necessary storage software licenses for the entire capacity supported by the proposed model.	There should be provision for adding 20 additional drives for SSD (2½" disks) and 100 additional drives for SAS II (2½" disk). "Provision" means all the necessary infrastructure including necessary licenses should be in place (at the time of delivery) so that whenever new disks are added to these additional drives (20 for SSD & 100 for SAS II), the new disks are to be available for storage configuration.
10.	Pg 42 & 71, Clause 5.5 & 6.5, Table -7 & 20, Sl.No. 1	Fiber channel ports shall be 2/4/8/16 autosensing full duplex.	Fiber channel ports shall be 2/4/8 autosensing full duplex.
11.	Pg 42 & 71, Clause 5.5 & 6.5, Table -7 & 20, Sl.No. 3	All the ports should operate at min 8Gbps in a non-blocking backplane and auto-negotiate to 16GB/8Gb/4Gb/2Gb FC speeds.	All the ports should operate at min 8Gbps in a non-blocking backplane and auto-negotiate to 8Gb/4Gb/2Gb FC speeds.
12.	Pg 44, Clause 5.6, Table -8, Sl.No. 1	The offered switch should have following ports: 48 ports of 10/100/1000 Mbps Ethernet port + 4 ports of 10G fiber port Switch populated with fiber adapters.	The offered switch should have following ports: 48 ports of 10/100/1000 Mbps Ethernet port + 4 ports of 10G fiber port Switch populated with Long Range Fiber adapters.
13.	Pg 46 & 74, Clause 5.7 & 6.8, Table -9 & 22, Sl.No. 16	Must provide target based deduplication.	Must provide source, target based and backup server/media server level deduplication.
14.	Pg 48 & 73, Clause 5.8 & 6.7, Table -10 & 21, Sl.No. 12	There shall be end to end fiber connection between SAN and Tape drive. All the offered drives should be connected to SAN with redundant path across two SAN switches.	There shall be end to end fiber connection between SAN and Tape drive and all the offered drives shall be connected to SAN with redundant paths.
15.	Pg 52, Clause 5.11, Table -13, Sl.No. 6	Air filtration conforming to EU3 standards.	Air filtration conforming to EU3 standards or better.
16.	Pg 53, Clause 5.11, Table -13, Sl.No. 14	Relative humidity variation shall not exceed +/- 3%.	Relative humidity variation shall not exceed +/- 5%.

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17.	Pg 80, Clause 6.11.1.3	(Additional Para to the existing clause)	Additional Servers for Migration (in addition to Sl. No. 1 to 11) <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Server</th> <th>Data Base version</th> <th>Operating system</th> <th>SAP /EHP version</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Oracle DB</td> <td>Oracle 11g</td> <td>Sun-Solaris</td> <td>Legacy DB</td> </tr> <tr> <td>13</td> <td>Oracle App</td> <td>Oracle 10g IAS</td> <td>Sun-Solaris</td> <td>Legacy APP</td> </tr> </tbody> </table>	Sl. No.	Server	Data Base version	Operating system	SAP /EHP version	12	Oracle DB	Oracle 11g	Sun-Solaris	Legacy DB	13	Oracle App	Oracle 10g IAS	Sun-Solaris	Legacy APP
Sl. No.	Server	Data Base version	Operating system	SAP /EHP version														
12	Oracle DB	Oracle 11g	Sun-Solaris	Legacy DB														
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18.	Pg 85, Clause 7.7	The Bidder shall be responsible for timely delivery, installation & commissioning of all the hardware & software given in the scope of supply/work at the BHEL's premises. All the hardware & software shall be delivered and successfully installed and commissioned (including migration and technical upgrade of SAP Landscape) within 180 days from the date of placement of order. Clearance for carrying out Technical upgrade will be provided by BHEL within a month of successful migration. (180 days includes time taken by BHEL for giving clearance) In case of delay from BHEL beyond 30 days, delivery will be suitably extended. If the delivery is delayed due to reason not attributable to BHEL, penalty shall be deducted as per Penalty clause. BHEL also reserves the right to go for alternative procurement.	The Bidder shall be responsible for timely delivery, installation & commissioning of all the hardware & software given in the scope of supply/work at the BHEL's premises. All the hardware & software shall be delivered and successfully installed and commissioned (including migration and technical upgrade of SAP Landscape) within 180 days from the date of placement of order. Clearance for carrying out Technical upgrade will be provided by BHEL within a month of successful migration. (180 days includes time taken by BHEL for giving clearance) In case of delay from BHEL beyond 30 days, delivery will be suitably extended. If the delivery is delayed due to reason not attributable to BHEL, penalty shall be deducted as per Penalty clause. However if there is a delay in Site being not ready at BHEL premises for installation of the equipment, then suitable delivery extension shall be considered.															

This corrigendum shall be part of RFP. Bidders are requested to submit their offer considering above changes.

All other Terms and conditions of the Tender Documents shall remain unaltered unless explicitly amended by BHEL in writing.

Bidders are requested to submit as a part of Technical Bid, a copy of this corrigendum duly countersigned by the authorized signatory and stamped with the Official seal as a token of Bidder's acceptance of this corrigendum.