

Corrigendum –VIII

Tender No. WTL/PAR/SDC/17-18/030, Dated 27.11.2017, Version 2.0

1. Date and time of Bid Submission has been extended up to 7th February, 2018 at 15.00 hrs.
2. Date and time of Bid Opening has been extended up to 9th February, 2018 at 15.00 hrs.
3. Date and time of EMD & Tender Fee submission has been extended up to 9th February, 2018 at 13.00 hrs.
4. This corrigendum is in reference to Corrigendum III of Tender No. WTL/PAR/SDC/17-18/030 Dated 27.11.2017 and should be treated as a part of the stated tender document.
5. Apart from the mentioned corrigendum clauses, all other sections/subsections/ clauses of Corrigendum III shall be considered unaffected while submitting response to the above cited RFP.
6. The Bidder shall submit the signed copy of self-declaration that corrigendum is referred while preparing and submitting the response of this RFP.

**Clarifications of CORRIGENDUM III of Tender No. WTL/PAR/SDC/17-18/030,
Dated 27.11.2017**

Please note that the proposed project of State Data Center in the second floor is an expansion and continuation of the existing data centre setup of the First Floor of Moni Bhandar Building, Webel Bhavan. As per the tender clauses, the entire State Data Center setup is to be supported for a period of 5 years, which includes support for first floor non – IT electrical setup (existing electrical equipments, UPS, LT panel, Distribution Panels, Batteries, DG sets, DG sync panels, PACs etc.) for a period of 5 years and support for the first floor IT setup/ computing resources for at least two years. This is in assumption that the IT equipments/computing resources from the first floor will be migrated to the second floor within two years, after the second floor is made ready.

Majority of existing IT Compute, Storage, Networking and Security equipment under use, which are end of life and End of support, would be replaced by the equipment procured through this Tender. In any case during the period till they are replaced, their uptime will be on the best efforts of the DCO and not be covered by any SLA/ penalty.

Hence, the entire SDC (first and second floor) should be maintained with FMS Support and Warranty/ AMC cover for newly procured items and AMC support for existing equipments for 5 years post FAT and that should include the IT setup/ computing resources at the first floor, till they are migrated to the second floor.

The cost of the FMS support for entire 1st floor and 2nd floor SDC (5 years after FAT) should be included under commercial BOQ sr. no. 284.

AMC cost for all below mentioned existing IT and Non – IT items till the end of contract should be included under commercial BOQ – sr. no. 285 and 286 respectively.

Also, the newly procured items must be covered for support for 5 years post FAT. This should be on-site comprehensive warranty or combination of comprehensive on-site warranty and AMC and all such costs should be factored with the product cost.

The existing IT and NON IT equipments list, for which AMC must be provided are listed below:

Please note:

- 1) Any item of the below list, which will attain End of Support during the 5 years AMC/ Support period, would be replaced at the cost of SIA and would be covered under SLA clauses as given in the RFP.
- 2) Any other existing item, which are not given under below list, will not be covered under SLA/ penalty clauses.

IT Equipments List, to be covered with AMC			
S/N	Hardware	Make model	Model
1	Cisco Router	Cisco	X1001
2		Cisco	X1001
3	Cisco L3 Switches	Cisco	6513E
4		Cisco	6513E
5	Cisco L3 Switches	Cisco	3560-X
6		Cisco	3560-X
7		Cisco	3560-X
8		Cisco	3560-X
9	Cisco L2 Switches	Cisco	2960G
10		Cisco	2960G
11		Cisco	2960G
12	Cisco L2 Switches	Cisco	2960S
13		Cisco	2960S
14	Security Devices	Checkpoint	Smart-1 50 Appliance
15		Checkpoint	Private Cloud Threat Emulation Appliance 1000
17		Checkpoint	13500 Next Generation Threat Prevention

IT Equipments List, to be covered with AMC

S/N	Hardware	Make model	Model
19		Checkpoint	DDoS Protector 3 Gbps
21	Server	HP	DL 160 G8
22		HP	DL 160 G8
23		HP	DL 585 G7
24		HP	DL 585 G7
25		HP	DL 585 G7
26		HP	DL 585 G7
27		HP	DL 560 G9
28		HP	DL 560 G9
29	Tape Library	HP	HP MSL6060 2 LTO-4 Ultrium 1840 FC Lib
30	Storage	HITACHI	VSP (160 TB)
31	SAN Switch	Cisco	MDS 9148
32		Cisco	MDS 9148
33		Cisco	MDS 9148
34		Cisco	MDS 9148
35		Cisco	MDS 9148
36		Cisco	MDS 9148
37	KVM	DSR 2035(R5)	DSR 2035(R5)
38		Autoview 1415(R3)	Autoview 1415(R3)
39		Autoview 1415(R2)	Autoview 1415(R2)
40		Autoview 1415(R4)	Autoview 1415(R4)

NON- IT Equipments List, to be covered with AMC

Sr. No.	Description	Make	Model	Qty	Serial No
1	380 kVA Diesel Generator (DG)	Cummins	(NIA1443)	3	25355180 / 25354810 / 2535 4117
2	160 kVA Uninterrupted Power Supply (UPS)	Emerson	(HIPULSE)	3	201005HI4115/ 41/ 42
3	20 kVA Uninterrupted Power Supply (UPS)	Emerson	UPS (7400M)	2	2010047M5815 / 5795
4	Precision Air Condition (PAC) System (22 TON X-4)	Emerson	(PEX380EC)	4	101940380E- 17/18/19/20
5	BMS Solution	Honeywell		1	
6	Comfort Air Conditioning System (CAC)	Voltas		13	
7	Low Tension (LT) Panel with MCCB	Shree Electricals Panel/ Schneider MCCB		4 pole 800 A motorized MCCB – 5 no. 4 pole 400 A MCCB- 4 nos. 4 pole 250 A MCCB- 2 nos. 4 pole 100 A MCCB – 4 nos. 63 A TPN MCB- 4 nos. 32 A TPN MCB- 4 nos.	
8	DG Synchronization Panel with MCCB	Shree Electricals/ Schneider MCCB		4 pole 800 A motorized MCCB – 5 no. 4 pole 800 A MCCB- 2 nos.	
9	UPS Output Panel	Shree Electricals		4 pole 250 A MCCB- 7 nos.	

NON- IT Equipments List, to be covered with AMC

Sr. No.	Description	Make	Model	Qty	Serial No
10	PAC Panel	Shree Electricals		4 pole 250 A MCCB- 2 nos. 4 pole 100 A MCCB- 8 nos.	
11	Server Distribution Box	Schneider		Single Phase 32 A – 90 nos. Three Phase 63 A- 54 no.	
12	Comfort Air Conditioning System (CAC) Distribution Board (DB)	Schneider		63 A TPN MCCB- 2 nos. Single phase 32 A – 48 nos.	
13	Lighting Distribution Box	Schneider		32 A TPN MCB- 1 no. 10 A single phase- 24 no.	
14	Raw Power Distribution Box	Schneider		63 A TPN MCB -1 no. 10 A single phase- 18 nos.	
15	UPS Distribution Box	Schneider		63 A TPN MCB – 1 no. 10 A single phase – 24 nos.	
16	VESDA - Single Channel Air Sampling system For Server Room with desired nos.of Nozzles, capillary tube and end caps	Honeywell		1	
17	1/3" Colour Dome Camera with 3.6/6 mm fixed lens for indoor application, complete with power supply unit	Honeywell		22	
18	Proximity Card Reader	Honeywell		7	
19	Proximity Card Reader with Pin Pad	Honeywell		3	
20	Proximity Card Reader with Fingerprint Reader	Honeywell		3	
21	Addressable Fire Detection Panel 1-loop panel, each loop can handle 125 detectors & 125 Modules, with power supply.	Honeywell		1	
22	NOVEC 1230	Ansul	570654	1	
23	Fire Extinguisher - FM 200	Ansul	570652	1	
24	Fire Suppression Panel	RAVEL		2	
25	Water Leak Detection	Sontay		6	
26	Rodent Repellent Console Units with 12 Transducers suitable to cater all DC area.	Master Electronics Pvt Ltd		6	
27	BMS Server with Monitor	DELL/HP		3	

CORRIGENDUM on Electrical BOQ:

Sr. No./ Clause No.	Page No.	Existing Clause	Revised Clause	Remarks for provision to quote under Commercial BID
Corrigendum III BOQ Sr. no.-21.01 & Commercial BOQ Sr. No. 176	96	800 Amps 4P 50 kA Incomer MCCB with Microprocessor Based Trip Unit, Under voltage Release for Interlock	800 Amps 4P 50 kA Incomer intelligent ACB with Microprocessor Based Trip Unit, Under voltage Release for Interlock, provision for interfacing with BMS system	Price for this is to be quoted under sr. no. 176 of Commercial BOQ
Clause 1.6. New LT DB	202	800 Amps 4P 50 kA Incomer MCCB with Microprocessor Based Trip Unit Under voltage Release for Interlock	800 Amps 4P 50 kA Incomer intelligent ACB with Microprocessor Based Trip Unit, Under voltage Release for Interlock, provision for interfacing with BMS system	--
Corrigendum III BOQ Sr. No. 31.02& Commercial BOQ Sr. No.212	99	4C X 300 sq. mm 800 Mtrs	Item Stands deleted	Should not be quoted under Commercial BOQ Sr. No.212
Corrigendum III BOQ Sr. No. 33.01 & Commercial BOQ Sr. No. 227 DG Sync Panel Bypass System & Communication system	100	MCCB 4P/800A/2.0, Motorized, total number to be provided as per requirement for connecting two LT panels	ACB 4P/800A/2.0, Motorized, total number to be provided as per requirement for connecting two LT panels – Total 6 numbers (3 for incomer, 3 for outgoing)	Price for this is to be quoted under sr. no. 227 of Commercial BOQ
DG Sync Panel Bypass System & Communication system : Sr. No. 34.03 Commercial BOQ Sr. No. 233	100	Auto synchronization controller make co-map for emergency in case of controller non function – 2 nos.	Auto synchronization controller make co-map for emergency in case of controller non function – 3 nos.	Price for this is to be quoted under sr. no. 233 of Commercial BOQ
	Page no. from 109 to 114	Electrical Diagrams	All MCBs are to be considered as normal D-curve MCBs	--
<u>New Item</u>			Two numbers of 800 Amps 4P 50 kA Incomer intelligent ACB with Microprocessor Based Trip Unit, Under voltage Release for Interlock with enclosure & appropriate Copper Bus bar is to be supplied for installation at Existing Transformer LT Panel	<u>Price for this is to be quoted under sr. no. 176 of Commercial BOQ 287 – Any other component (Hardware, Software or otherwise)required for implementation, commissioning of the above items.</u>