

Corrigendum I

RFP No: OCAC-NeGP-INFRA-0016-2022/22073

Selection of System Integrator for Design, Build, Installation, Commissioning, Integration, and Operations & Maintenance of Non-IT Infrastructure for Extension of Odisha State Data Centre.

Bid submission date extended till 16/01/2023. Subsequently revised timings are follows:

Last date and time for Submission of Bid through e-Nivida portal.	16 Jan 2023 by 02:00 PM
Opening of Pre-Qualification (PQ)	16 Jan 2023, 04:00 PM

ANNEXURE - 5 - AMENDMENT -2

Technical Evaluation Scoring Matrix - Organizational Strength and Project Experience (Amended-2)

Sl.No	Description	Max. Score	Scoring Mechanism	Credential Documents Required
1	<p>Turn over: Average Turn Over per for last 5 years as mentioned in eligibility criteria, minimum 200 Crores)</p>	7	<p>>= 200 Crores = 3 Marks >201 and <=500 Crores = 5 Marks >501 Crores = 7 Marks</p>	Copy of audited Balance Sheets and Profit and Loss (P/L) statement for last 5 years up to March 31st 2022.
2	<p>Project Experience: During the last Seven years, (Start date of PO must be within last 10 years counted backwards from date of submission of bid) the Bidder should have implemented/completed Data Centre projects for Central / State Governments, PSUs, Banking & Financial Institutions, in India that meets the below mentioned requirement: a. Single order of value 50 Crore or more; OR b. Two orders each having minimum value of 40 Crores or more. OR c. Three orders each having minimum value of 25 Crores or more</p> <p>The orders should include Turnkey Data Centre consisting of installation, commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with Fuel tank, Precision AC/ Chiller Plant, UPS System, Fire Detection & suppression system, Access Control and CCTV, BMS System, Civil and Interiors etc.</p> <p>Note: Ongoing projects will be accepted if all supply and installation of the product has been completed by the date of tender submission. A partial acceptance from the the client is mandatory.</p>	10	<p>For completed projects</p> <p>>=50 crore 1 order OR >=40 crore 2 orders OR >=25 crores 3 orders = 8 Marks</p> <p>>=50 crore 2 order OR >=40 crore 3 orders OR >=25 crores 4 orders = 9 Marks</p> <p>>=50 crore 3 order OR >=40 crore 4 orders OR >=25 crores 5 orders = 10 Marks</p> <p>For Ongoing projects</p> <p>>=50 crore 1 order OR >=40 crore 2 orders OR >=25 crores 3 orders = 6 Marks</p> <p>>=50 crore 2 order OR >=40 crore 3 orders OR >=25 crores 4 orders = 7 Marks</p> <p>>=50 crore 3 order OR >=40 crore 4 orders OR >=25 crores 5 orders = 8 Marks</p>	<p>For Completed projects</p> <p>Copy of Purchase Order and completion certificate, Bill of material.</p> <p>For Ongoing Projects</p> <p>Copy of Purchase Order , Bill of material, partial acceptance certificate from client.</p>

3	<p>DC Design Experience</p> <p>The Bidder should have design experience of certification of at least One Tier-III/Rated 3 Data Centers certified by Uptime Institute/TIA or its authorised partners with minimum 50 rack space of server farm area OR 1000 KW of total Load handling capacity of Datacenter including IT and Non-IT load.</p> <p>Bidder's own created Datacenter for commercial use will be accepted subject to the data center must have minimum 100 racks OR 1500kw for IT & Non-IT load. The bidder has to be produce proof of commercial use.</p> <p>Bidder's own created Datacenter for own use will not be accepted</p>	3	<p>Design Experience for Projects for Bidder's client. = 3 Marks</p> <p>Design experience for Bidder's own created datacenter for commercial use. = 2 marks</p>	<p>Proof of design such as Design brief report signed by cleint/Layouts and Equipment sizing documents.</p> <p>Proof of commercial use by submitting letter from client who is using bidder's own Datacenter/Signed MOU/Signed Terms of reference (TOR) or a self declaration from the CEO/CTO/CFO of the bidder for comemrcial use</p>
4	<p>Technical Manpower: Bidder Must have at least following technical manpower on its role. 20 resources should be B.E/B. Tech (Electrical Mechanical/Electronics/instrumentation)</p> <ol style="list-style-type: none"> 1. At least One Project management professional with PMP or Prince-2 certified resources 2. At least one CDCP/CDCS certified resource 3. At least One Data Centre Design Consultants having ATD (Accredited Tier Designer)/CDCE certification from Uptime Institute/EPI (TIA942) resource 	5	<p>ATD/CDCE + 1 PMP + 1 CDCP/CDCS =3 Mark</p> <p>>=2 ATD/CDCE + 2 PMP + >=3 CDCP/CDCS = 4 Mark</p> <p>>=3 ATD/CDCE + 2 PMP + >=5 CDCP/CDCS = 5 Mark</p>	<p>HR Certificate along with copy of the relevant certificates.</p>
TOTAL SCORE		25		

Technical Evaluation for Non IT devices (Amended)

Evaluation Criteria – Critical UPS			
S.No	Parameter	Value	Marks
1	AC-AC Efficiency	$\geq 96\%$	2
		95% to 96%	1
2	Input Power Factor	>0.99 at 25% load	2
		>0.99 at 35% load	1
		>0.99 at 50% load	0.5
3	Input Current Harmonics distortion	$\leq 3\%$ at full load	1
		$>3\%$ to 5% on full load	0.5
2	Footprint	Minimum among all bidders	1
		More than minimum	0.5
4	UPS System	UL/CE Listed	1
		Non-UL/CE Listed	0.5
5	LIB System (Cell and Module and System)	UL Listed	1
		Non-UL Listed	0.5
Total			8

Evaluation Criteria – Non-Critical UPS			
S.No	Parameter	Value	Marks
1	AC-AC Efficiency	$\geq 94\%$	1
		$<94\%$	0.5
2	Input Power Factor	>0.99 at 25% load	1
		>0.99 at 35% load	0.5
		>0.99 at 50% load	0.25
3	Input Current Harmonics distortion	$\leq 5\%$ at full load	1
		$>5\%$ to 7% on full load	0.5
2	Footprint	Minimum among all bidders	1
		More than minimum	0.5
Total			4

Evaluation Criteria - In Row PAC			
Sr. No.	Parameter	Value	Marks

1	Multiple fans	2 fans	1
		>2 fans	1.5
2	Net Sensible capacity of each unit at Ambient, Supply and return temp	36KW	1
		>36KW	1.5
3	CFM capacity of each unit at Ambient, Supply and return temp	4200	1.5
		>4200 CFM	2
4	Electrical power consumption at Max cooling load (Net sensible capacity)	Minimum value among all Bidders (Excluding heater and Humidifier)	1
		More than minimum value among all bidders (Excluding heater and Humidifier)	0.5
5	Power Requirement	Dual Input with inbuilt ATS	2
		Single input	1.5
Total			8

Evaluation Criteria - Perimeter PAC			
Sl.No	Parameter	Value	Marks
1	SHR	≥ 0.92	1
		< 0.92	0
3	Manufacturing experience in India	≥ 10 years	1
		< 10 years	0
Total			2

Evaluation Criteria - Diesel Generator			
Sl.No	Parameter	Value	Marks
	Engine Cylinder displacement	Less than 57 ltrs	0.5
		57.1 Ltrs to 60 Ltrs	1
		>60 Ltrs	2
	Fuel Efficiency @ 75% load and at fuel specific gravity of 850gms/Ltr and 5% tolerance	<260 Liters	2
		261 to 290 Ltrs	1
		>290 Ltrs	0.5
	Foot print	Minimum of all offered by bidders	2
		More than Minimum of all offered by bidders	0.5

	Service centre in Bhubaneswar	yes	1
		No	0.5
Total			7

Evaluation Criteria - Track Busway system			
SI.No	Parameter	Value	Marks
1	Years of experience in manufacturing Copper continuous track Busway system	>=15 years	0.5
		>5,<15 years	0.25
		<5 years	0
2	Installations in India	3	1
		>=1, <3	0.5
		1	0
3	lcw	>10	1
		<=10	0.5
4	lpk	>15	1
		<=15	0.5
Total			3.5

Evaluation Criteria - MV Panels			
SI.No	Parameter	Value	Marks
1	Installation of similar Form 4b TTA panels in eastern region. Documentary evidence required	>5 installations	1
		<=5 installations	0.5
2	Service center at Bhubaneswar	Available	0.5
		Not available	0.25
Total			1.5

Evaluation Criteria - IPDU			
SI.No	Parameter	Value	Marks
1	Socket outlets	Universal Socket outlets that can accept C 13 and C19	1
		C13 and C19 sockets sperate outlets	0.5

2	Network Connectivity	Daisy chain connection upto 4 units	0.5
		Daisy chain connection more than 4 units	1
3	Installation of similar panels in India. Documentary evidence required	>10 installations	1
		<=10 installations	0.5
4	Service center at Bhubaneswar	Available	1
		Not available	0.5
Total			4

Evaluation Criteria - DCIM			
Sl.No	Parameter	Value	Marks
1	DCIM system is inclusive of all BMS feature and hence BMS is not required	Yes	1
		No	0
2	DCIM should facilitate the 2D/3D model to depict equipment placed on Rack Mounted Trays and at the same time CFD/Thermal Heat map like Model should be able to detect airflow around that equipment when mounted inside the Rack	Yes	1
		No	0
3	Must have installation in at least 5 Datacentres in India. Documentary proof to be submitted.	Yes	1
		No	0
Total			3

Evaluation Criteria - Passive Network cabling			
Sl.No	Parameter	Value	Marks
1	Maximum insertion loss for the MPO modules	0.21 dB to <0.35 dB	0.5
		<0.20 dB	1

2	Fiber patchcord connector insertion loss	<=0.15 dB	1
		0.16 dB to <=0.2 dB	0.5
3	Horizontal Copper cable max Dc resistance	8 to 10 Ohms per 100 Mtr	0.5
		<8 ohms	1
4	Manufacturing experience of min 5 years in india	Yes	1
		No	0
		Total	4

Evaluation Criteria - Technical Solution			
Sl.No	Parameter	Value	Marks
1	Detail Electrical single line diagram, cable shedule, Equipment layout submitted as part of solution writeup	Yes	1
		No	0
2	Calculated PUE	1.7 more more	0.5
		Less than 1.7	1
3	Solution write up, Compliance with cross reference.	yes	1
		Partially Yes	0.5
		No	0
	Campus Beautification solution with bill of quantity and commercial offer. (Engaging a qualified Architect)	yes	1
		No (inhouse Solution)	0.25
4	Usage of fire safe and environment friendly material in interior works	Yes	1
		Partially Yes	0.5
		No	0
		Total	5