DSWD
Department of Social Welfare and Development

SUPPLEMENTAL / BID BULLETIN NO. 1

Title	:	Subscription to a Virtual Desktop Infrastructure (VDI) Solution as a Service for DSWD Central Office Users Including Specialized Software for Technical Users
ITB No.	:	GOP/19-DSWD-025
Date	:	06 May 2019

This Supplemental/Bid Bulletin is issued to all interested prospective bidders announcing amendment/changes in the bidding documents as agreed during the Pre-Bid Conference, to wit:

I. Bid Data Sheet (BDS)

ITB CLAUSE	FROM	TO
5.4	The Bidder must have completed, within the period specified in the Invitation to Bid and **ITB** Clause 12.1(a)(ii), a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC. For this purpose, similar contracts shall be provision of virtual desktop infrastructure solution.	The Bidder must have completed, within the period specified in the Invitation to Bid and **ITB** Clause 12.1(a)(ii), a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC. For this purpose, similar contracts shall be provision of virtual desktop infrastructure solution or managed services or virtualization implementation project with server and/or desktop components.
29.2.4	Certification that the Service Provider have at least two (2) successful project implementation of the solution being offered, either supplied or deployed as a manage services and other proofs must be submitted. (*Certified True Copy*)	Certification that the Service Provider have at least one (1) successful project implementation of the solution being offered, either supplied or deployed as a manage services and other proofs must be submitted. (*Certified True Copy*)

II. Section VII. Technical Specifications

FROM	TO
Software Licenses Subscription 2. 7 units Proprietary Server OS Standard version subscription for 17 Field Offices for one (1) year subscription	Software Licenses Subscription (On-Premise) 2. 7 units Proprietary Server OS Standard version subscription for Central Office for one (1) year subscription

Additional Technical Specifications:

ITEM	QUANTITY	REMARKS
Virtual desktop management platform	1 Set	1. For details about technical specifications, see section "Technical Requirement"

ITEM	QUANTITY	REMARKS
GPU Host server	3 Sets (per server can support 16 users. 3 servers x 16 = 48 users, additional of 2 units as contingency = 50 units)	1. At least 2 x 3.2GHz, 8-core Intel Processor, 25M L3 Cache 2. 10 x 16GB DDR4 RDIMM Memory, 2400MT/s in 24 DIMMS Slots 3. 2 x 2.5" 300GB 10k RPM SAS in 8 Hard-Disk Slots 4. Must support RAID 0, 1, 1E, 10 5. 4x 1 GE Ports 6. 2x 10GE Ports with Multi-mode Optical Transceiver 7. 1x nVIDIA Tesla M60 Graphics Accelerator,16GB, with 15 Perpetual License for Virtual Workstation 8. Redundancy 1200W Power Supply 9. 2U Rack Mount
Regular User's Host server (w/o GPU)	4 Sets (per server can support 50 users. 4 servers x 50 = 200 users)	1. At least 2 x 2.4GHz, 14-core Intel Processor, 35M L3 Cache 2. 8 x 32GB DDR4 RDIMM Memory, 2400MT/s in 24 DIMMS Slots 3. 2x 2.5" 300GB 10k RPM SAS in 8 Hard-Disk Slots 4. Must support RAID 0, 1, 1E, 10 5. 4x 1 GE Ports 6. 2x 10GE Ports with Multi-mode Optical Transceiver 7. Redundancy 750W Power Supply 8. 2U Rack Mount
SAN Storage	3 Sets	1. Active to active controller with 48GB cache 2. Supports SAN and NAS integration without adding extra NAS gateways 3. 8 x 8G FC ports and 8 x 1GE ports 4. 40x 2.5" 900GB 10k RPM SAS disks 5. 16x 4TB 7.2k RPM NL SAS disks 6. Minimum 700 Disk Scalability 7. Support RAID 1, RAID 3, RAID 10, RAID 50, RAID 5, and RAID 6
LAN Switch	5 Sets	1. Must provide 48 x Port GE RJ45, 2. Must provide 4-Port 10G SFP+ Ports with 2 Multi-mode optical transceiver 3. Must provide 2 x AC Power Module and 2 x FAN Box
Regular User's Thin client (TC)	150 Setss	1. For details about the technical specifications, see section " Technical Requirement " 2. Number of required devices • Mouse devices: 100 • Keyboards: 100 • Monitor(21.5inch,1920x1080,16:9 with LED): 100
GPU User's Thin client (TC)	50 Sets	1. For details about the technical specifications, see section " Technical Requirement " 2. Number of required devices

ITEM	QUANTITY	REMARKS
		• Mouse devices: 50 • Keyboards: 50 • Monitor (21.5inch,1920x1080,16:9 with LED): 50
Licenses of Software	250 Sets	VDI Software Solution Management, Access and Terminal licenses, 1 Year Subscription and Support

III.   **Proof of Concept**

1. The Virtual Desktop Infrastructure solution will be the subject of POC.
    1.1. The complete hardware and software solution
        1.1.1. Single console for management and deployment
2. The proposed solution should be demonstrated to ensure compliance to the above requirements.
    2.1. The POC will be conducted in ICTMS in the central office
    2.2. The POC will be conducted during the evaluation process.
    2.3. Part of the POC will be a requirement of visiting at least two (2) installed based location that will showcase the same solution proposed.
        2.3.1. The installed based should showcase;
            2.3.1.1. Ease of management
            2.3.1.2. Deployment of VDI client operationally, with normal functionality user, including needed, OS, OPS, and software readily available.
            2.3.1.3. Deployment of VDI client operationally, with GPU based functionality users, including needed, OS, OPS, and software readily available.
            2.3.1.4. Fast creation of VMs for users in minutes

3. POC Evaluation Matrix

Proof of Concept	Description	Metric Weight

Working Solution	The POC could show convincingly that the VDI solution has the following features:
	1. Fast deployment, Full Copy of VM, Hibernating and restarting of VMs
	    • Takes too long? – 0%
	    • Takes a few minutes – 5%
	2. Able to login into Windows and AD
	    • not able to? – 0%
	    • able to – 5%
	3. Able to use MS Office
	    • not able to? – 0%
	    • able to – 5%
	4. Able to use MS Visio
	    • not able to? – 0%
	    • able to – 5%
	5. Able to use MS Project
	    • not able to? – 0%
	    • able to – 5%
	6. Able to use Adobe Suite
	    • not able to without lag? – 0%
	    • able to without lag – 5%
	7. Able to use Statistical Software
	    • not able to without lag? – 0%
		70%

Proof of Concept	Description	Metric Weight

	• able to without lag– 5%
	8. Able to use sketchup
	   • not able to without lag? – 0%
	   • able to without lag– 5%
	9. Able to use AutoCad
	   • not able to without lag? – 0%
	   • able to without lag– 5%
	10. Able to use Bro wser
	   • not able to without lag? – 0%
	   • able to without lag– 5%
	11. Full Server Based VDI so lution?
	   • No? – 0%
	   • Yes– 10%
	12. Can Utilize GPU t hru the VDI Client?
	   • not able? – 0%
	   • able to – 10%	

Time of Deployment of POC	POC time of deployment;
	  a. Able to deploy less than 5 days – 20%
	  b. Able to deploy more than 5 days – 5%
		20%

Site Visit for existing customer and similar project deployed for Hyper Converged platform	At least one (1) site visit
	  a. Able to show 1 similar site successfully deployed – 10%
	  b. No site visit – 0%
		10%

TOTAL		100%

IV. Deadline for the Submission and Receipt of Bids

The deadline for the submission and receipt of bids is on **15 May 2019, 9:00 a.m.** Bids must be delivered to the BAC Secretariat Office, Ground Floor, DSWD Central Office. **Late Bids will not be accepted.**
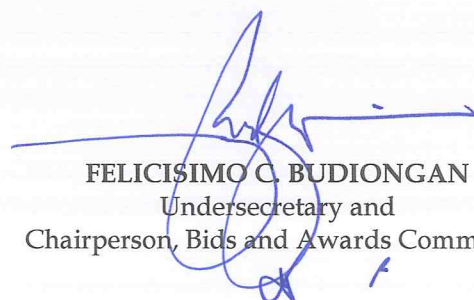
The Bid Opening will follow after the deadline, to be held at the **Office of the Undersecretary for Disaster Response Management Group (OUSDRMG) Conference Room, 3rd Floor, DSWD Central Office, IBP Road, Constitution Hills, Quezon City.**

V. Issuance of Bidding Documents

The issuance of bidding documents is until **15 May 2019 at 9:00 a.m.**

This Supplemental/Bid Bulletin shall form part of the bidding documents.

Please be guided accordingly.

FELICISIMO C. BUDIONGAN
Undersecretary and
Chairperson, Bids and Awards Committee

Please accomplish this portion and send it to facsimile no. (02) 951-7116 or e-mail bacsec@dswd.gov.ph

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Received from DSWD, Supplemental/Bid Bulletin No. 1 for the **Subscription to a Virtual Desktop Infrastructure (VDI) Solution as a Service for DSWD Central Office Users Including Specialized Software for Technical Users** (ITB No. **GOP/19-DSWD-025**).

Received by   :   _____   Date   : _____

                            (Signature over Printed Name)

Designation   :   _____

Company   :   _____