

# **Central Institute of Road Transport**

### Corrigendum

dtd: 07/08/2023

Tender No.: ADM:STR:3151:MOF-19: CAD SolidWorks:2023-24

Tender Title: Supply, Installation & commissioning of Computer Aided Design (CAD) software - SolidWorks (Qty. 02 No's of Licenses) for Establishment of Virtual Simulation Lab for Evaluation of Bus Body Strength (Roll over), Stability, RUPD, FUPD, Roof and Rear Wall Strength & other types of CAE analysis.

Clause No. of Tender Documents	FOR	READ AS
Chapter No.1, Clause Nop. 1 (C)	C. Validity of offer: The offer should be kept valid for a minimum period of 90 Days from date of opening of the tender. In the case of successful tenderer, the approved prices shall remain valid till Purchase Order is fully executed. The bidder shall not withdraw or modify their Bids during the period of validity.	C. Validity of offer: The offer should be kept valid for a minimum period of <b>120</b> Days from date of opening of the tender. In the case of successful tenderer, the approved prices shall remain valid till Purchase Order is fully executed. The bidder shall not withdraw or modify their Bids during the period of validity.
Chapter No.1, Clause No. 3 (4)	Original Software Developer (OEM) should have sold at least 50 (fifty) SolidWorks Licenses in last three years to the reputed organizations.  In case the bid is submitted by authorized distributor, the bidder should have sold at least 10 (Ten) SolidWorks Licenses in last three years to the reputed organizations.	Original Software Developer (OEM) should have sold SolidWorks Software to at least 50 (fifty) Purchasers in last three years to the reputed organizations. In case the bid is submitted by authorized distributor, the bidder should have sold SolidWorks Software to at least 5 (Five) Purchasers in last three years to the reputed organizations.
Chapter No. 2, Clause No. 4, Performance bank guarantee	Point 4) Performance Bank Guarantee  Performance Bank Guarantee valid for 1½ years to ensure the fulfilment of warranty obligation shall be provided for 10 % Value of the total cost of CAD software - SolidWorks (10 % CIF Cost in the case of foreign vendors) (A specimen format of Bank Guarantee will be provided along with the Purchase Order).  We shall accept a Bank Guarantee of a foreign bank having a branch in India. The Bank Guarantee to be in Indian Rupees Only.	Add Following Para The performance bank guarantee can be accepted in the form of DD. CIRT will encash the DD, After completion of performance bank guarantee period, CIRT shall release the amount received through DD.

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FUPD, Roof and Rear Wall Strength & other types of CAE analysis			
Chapter No. 2, Clause No. 7 (b)	a) Annual Maintenance Contract: The successful bidder shall enter into an Annual Maintenance Contract (AMC) after warranty period of one year. Bidders should give the Annual Maintenance	b) Annual Maintenance Contract: The successful bidder shall enter into an Annual Maintenance Contract (AMC) after warranty period of one year. Bidders should give the Annual Maintenance Contract charges for 4 years after	
	Contract charges for 9 years after warranty period of 01 year.  Software Provider shall quote the comprehensive annual maintenance cost	warranty period of 01 year.  Bidder shall quote the comprehensive annual maintenance cost separately, after lapse of warranty period of One (1) year for next Four (4)	
	separately, after lapse of warranty period of One (1) year for next Nine (9) years, yearwise considering the utilization of CAD software in 10 years as a normal use.	years, year-wise considering the utilization of CAD software in 10 years as a normal use. CIRT shall seek the further AMC charges from the bidder and enter into AMC for remaining 5 years, after completion of initial period of 5 years.	
Chapter No. 2, Clause No. 8	8. Training of CIRT personnel and officials  OEM/Successful Bidder shall provide free hands-on training to CIRT Personnel after successful installation and commissioning.  Training to the CIRT officials shall be given for Two (2) weeks wherein the training.	8. Training of CIRT personnel and officials OEM/Successful Bidder shall provide free hands-on training to CIRT Personnel after successful installation and commissioning. Training to the CIRT officials shall be given wherein the training shall be about all functions, commands, operations, instructions, keywords maintenance as	
Charter No. 2	for Two (2) weeks wherein the training shall be about all functions, commands, operations, instructions, maintenance as well as trouble shooting & all other areas which are necessary for smooth functioning of CAD software-SolidWorks	well as trouble shooting & all other areas which are necessary for smooth functioning of CAD software-SolidWorks.  12. Arbitration, Legal formalities	
Chapter No. 2, Clause No. 12	12. Arbitration, Legal formalities Arbitration	Any dispute arising during the period of Ten (10) years	
Para (1)	Any dispute arising during the contract period of three years and the procedure pertaining to administration or financial or technical issues shall be referred to the Technical Advisory Committee headed by the Director, CIRT to resolve the issues. The decision of Director, CIRT will be final in this regard	and the procedure pertaining to administration or financial or technical issues shall be referred to the Technical Advisory Committee headed by the Director, CIRT to resolve the issues. The decision of Director, CIRT will be final in this regard	
Chapter No. 3, Clause No. 2 (c)	c) 70% after successful installation, commissioning, training and satisfactory inspection report of the CAD software-SolidWorks and after receipt of the Performance Bank Guarantee valid for 1½ years to ensure the fulfilment of warranty obligation. (for 10% Value of the total cost of CAD software-SolidWorks (10% CIF Cost in the case of foreign vendors).	c) 65% after successful installation, commissioning and satisfactory inspection report of the CAD software-SolidWorks and after receipt of the Performance Bank Guarantee valid for 1½ years to ensure the fulfilment of warranty obligation. (for 10% Value of the total cost of CAD software-SolidWorks (10% CIF Cost in the case of foreign vendors). d) Balance 5% payment will be released after satisfactory training to CIRT personnel.	
Clause No. 5.1 of Annexure-F &G	PC Platform; Operating System and Network Compatibility for CAD software The software shall be compatible to run on the following hardware configuration. The supplier shall confirm the compatibility of the software to the suggested hardware	PC Platform; Operating System and Network Compatibility for CAD software The software shall be compatible to run on the following hardware configuration. The supplier shall confirm the compatibility of the software to the suggested hardware configuration. Additional	

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configuration. Additional hardware and software requirements like graphics accelerator cards; third party software; if any; shall be clearly brought out at the time of quotation. Since the supply of the computational hardware is not part of the scope of supply. GPU acceleration requirements related to graphics cards if any, shall be clearly stated. Hardware that available is as follows.

- 1. Operating System: Windows 10/11, 64 bits
- 2. Latest Intel core i9-12900K, 3.7GHz or higher, (5.3 GHz Turbo Boost), 8Cores
- 3. Graphics Card: GeForce / Radeon GPU compatible with OpenGL 3.2 with 4 GB RAM with support for dual display.
- 4. Hard disk: 2 TB or Higher
- 5. SSD: 1TB or higher
- 6. Ram: 64 GB RAM or higher
- 7. Monitor: 32" Dual-Monitor.

hardware and software requirements like graphics accelerator cards; third party software; if any; shall be clearly brought out at the time of quotation. Since the supply of the computational hardware is not part of the scope of supply. GPU acceleration requirements related to graphics cards if any, shall be clearly stated. Hardware that will be available is as follows.

- Workstation configuration Type-A (QTY-01 Nos.)
- I. Operating System: Genuine Windows 11 Pro, x64 bit
- II. Latest Intel Xeon W7-3465X 4.60G 75MB 28 cores
- III. Graphics Card: NVIDIA RTX A4000 16GB Graphics card
- IV. Hard disk: Z Turbo 2TB PCIe-4x4 2280 TLC M.2 Solid State Drive or higher
  - V. Ram: 128 GB RAM or higher
  - VI. Monitor: 32" Dual-Monitor.
- Workstation configuration Type-B (QTY-02 Nos.)
  - I. Operating System: Genuine Windows 11 Pro, x64 bit
  - II. Latest Intel i9-13900K 24 core 3Ghz 36MB
- III. Graphics Card: NVIDIA RTX A4000 16GB Graphic card
- IV. SSD: 2TB or higher
- V. Ram: 64GB DDR5 nECC or higher
- VI. Monitor: 32" Dual-Monitor.
- Server configuration (QTY-01 No.)
- I. Operating System: Genuine Windows 11 Pro, x64 bit
- II. Latest Intel Xeon W7-3465X 4.60G 75MB 28 cores
- III. Graphics Card: NVIDIA RTX A4000 16GB Graphics card
- IV. Hard disk: 12 TB or Higher
- V. SSD: 1TB or higher
- VI. Ram: 256 GB RAM or higher
- VII. Monitor: 24" Dual-Monitor.

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Clause No	o. 6.4 of
Annexure	F & G

## Training of the full Finite element analysis Software HyperWorks configuration

The duration of this training shall as per Cl.
No. 8 of Chapter 2 of this tender document
to demonstrate and practice all the basic
and advanced usage of all the software
features; and shall provide Handholding
support as and when required for the
ongoing live projects, covered in the scope
of supply.

#### Training of the full Finite element analysis Software HyperWorks configuration

 The bidder shall provide Handholding support as and when required for the ongoing live projects, covered in the scope of supply.

R. B. Malajure

**Head-ASD**