

**New Delhi Municipal Council  
Education Department**

Tender No. 953 /Dir. /Edn./2018

Dated: 09 /08/2018

**CORRIGENDUM-IV**

**Name of the work: Setting up of and management of 3D printing and Design tech labs for 10 NDMC Schools**

(Earlier Ref.: Tender ID: 2018\_NDMC\_154242\_1, Dated: 03/07/2018)

(Corrigendum – I, issued vide no. D-897/Dir. (Edn.)/2018 Dated: 19.07.2018)

(Corrigendum –II, issued vide no. 916/Dir./Edn./2018 Dated: 25.07.2018)

(Corrigendum –III, issued vide no. 922/Dir./Edn./2018 Dated: 30.07.2018)

As per the tendering schedule in respect of the above project, a Pre-bid meeting with the prospective bidders was held on 13th July, 2018 in the Council Room, NDMC. During the meeting, the prospective bidders raised several queries and presented some suggestions.

2. The tender document is revised to the extent that the last date for submission of bids has been extended from 10<sup>th</sup> August, 2018 to 16<sup>th</sup> August, 2018.

3. The reply to the queries raised in the Pre-bid meeting is given below:-

S.N.	Topic	Queries	Reply
<b>NITNUI Technology Pvt. Ltd.</b>			
1.	EMD	Is there any EMD Exemption for MSME unit and registered with Delhi Govt E Procurement?	Yes, there is an exemption in EMD for MSME units which is mentioned in the clause No. 9.5 of Para 9 of EMD of chapter-I 'Tender/Bid inviting Notice'

2.	EMD	As per point number 12/Page 8 - Tender schedule serial number 3 - EMD is 92038. However, as per Annexure 5, format 1, EMD is 180460. Please clarify.	It is a typing error. EMD is Rs. 92,038/-
3.	Deliverables and Features required	As per Sr. No 1, page 17- Blueprint and drawing of 3D. Labs is required. Whereas- As per page number 14, point number 5.4 - chapter 3 - all the schools have computer lab with adequate space for 35-40 students and desktop computers. When schools have existing labs, what kind of design you expect from the Participant. We are supplying 1 3D Pinter and 6 Tabs per school - which does not need any new infrastructure when School already has an existing Lab. IN case of any specific requirement, please provide us the space.	Blue prints and drawing of 3D Printing Labs are required for renovation of existing computer labs; however, Blue prints and drawings will be required at the time of signing of contract. The successful bidder will be given sufficient time to survey the schools.
4.	Technical Specifications	As per chapter 4, point number 12.1, page 24 - resolution, layer thickness and print resolution are contradictory. Please clarify. Upper minimum 3D Build volume 200X200X200 and upper minimum 3D Print size- 15X15X18 cm - are contradictory.	After the discussion held in Pre- Bid meeting, it may be concluded that Upper Minimum 3D build volume: 200x200x200 mm Upper Minimum 3D print size: 15x15x18 (deleted)
5.	Power Consumption	Different Brands and different makes have different power consumptions based on features that they offer. You may look at power consumption as criteria but it cannot eligibility criteria of technical specifications. Every appliance and computer has different power consumption based on features and other parameters.	55W, 100-240V, 1.8A 50-60 Hz (It may be vary depending on the model. The model of printer must be CE/BIS certified.
6.	Technical Specifications	AS per 12.1, serial number 5, page 26 - up gradation of software after 5 years -warranty for 3D Printer operational software is possible. However, warranty for the designing software including the up gradation - how it can be quoted in the ever changing Technology scenario.	NDMC intends to use demo version of Collab CAD for the first year and after that NDMC collaborates with NIC for procuring Collab CAD as designing software. Hence, no change

7.	Tablets - warranty	As per point number 12.2 , Table A - Tablets-warranty for 5 years - how is it possible ? Please specify the software to be used on tablet for 3D Printing, slicing, rendering and designing?	After the discussion held in Pre- Bid meeting, it may be concluded that Warranty of the products may read as follows: <b>3D Printers : (1year standard + 4 year Extended)</b> <b>Tablets : (1 year standard + 2 year Extended)</b>
8.	Stationery and Consumables	As per 12.3-Table B, Page 27- price for wood springs and stationery and electronic consumables to be supplied after 2 years - how can we quote ?	You are only required to quote annual comprehensive maintenance. The amount of electronic mechanical consumables includes in the AMC.
9.	PG	When NDMC is making payment after 3 months , they can retain 10% payment payable after completion of the contract instead of PG - which is additional burden on MSME units.	After the discussion held with AO (Education), it may be concluded that it is mandatory to submit. Hence, No Change
10.	Bank Solvency	We are contractor for Technology. It is not a Civil Contract.	After the discussion held with AO (Education), it may be concluded that it is mandatory to submit. Hence, No Change
11.	Experience in similar nature of work of setting up 3D Printing and Design Technology labs with dedicated faculty in schools	Chapter 5, point number 2, page 43 relating to 'Criteria of Evaluation of Technical Bid'  <b>(Maximum 30 marks)</b> (i) 01 to 03 3D Printing and Design Technology labs successfully deployed in government/ government aided/ Privately owned schools/Educational Institute/Skill Centers: <b>10 Marks</b>	<b>(Maximum 30 marks)</b> (i) 01 to 05 3D Printing and Design Technology labs successfully deployed in government/ government aided/ Privately owned schools/Educational Institute/Skill Centers: <b>10 Marks</b>

	<p>(ii) 04 to 08 3D Printing and Design Technology labs successfully deployed in at-least 02 (two) government aided/ Privately owned schools/Educational Institute/Skill Centers: <b>15 Marks</b></p> <p>(iii) More than 08 3D Printing and Design Technology labs successfully deployed in at least 03 (three) government aided/ Privately owned schools/Educational Institute/Skill Centers:<b>30 marks</b></p>	<p>(ii) 06 to 10 3D Printing and Design Technology labs successfully deployed in at-least 02 (two) government aided/ Privately owned schools/Educational Institute/Skill Centers: <b>20 Marks</b></p> <p>(iii) 11 to 15 3D Printing and Design Technology labs successfully deployed in at least 03 (three) government aided/ Privately owned schools/Educational Institute/Skill Centers:<b>30 marks</b></p>
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**3Dexter Education Pvt. Ltd.**

12.	BIS certification- Removal of the requirement of BIS certification	We request to remove the requirement of BIS certification as we manufacture our own 3D Printers. Also, we are showing a track record of installing printers in more than 100 schools thus proving our quality. Rest, fine is there as per the clause of the tender in case the printer causes any problem in operations.	As per the remarks of prospective bidder and a discussion held with the IT Department, it is concluded that BIS/CE certification is required to submit by the prospective bidder. For the products only with CE certification, additional 6 months warranty has to be provided by the bidder without any cost.
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**RoboSpeices Technologies Pvt. Ltd.**

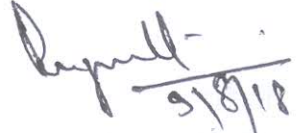
13.	Screwdriver Set	30 in 1 Screwdriver Tool Kit. (Useful for various types of Bolts and Screws)	30 in 1 Screwdriver Tool Kit, preferably Stanley or Taparia
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14.	Dremel Post Processing Kit	No such kit by this name comes in market. If it is being referred to Grinder and Drill Machine of Dremel then specifications should be mentioned and exact type of what Dremel Machine is required. Also it is against of specifying the brand in the tender.	Dremel Post processing Kit is available in the market. These kits are used for finishing and post processing 3D Printing objects. Hence, no change
15.	Electronic Kits	Include Solder 50 gm, Desolder Wick 2 meter, Solder stand x1 , flux paste x1, resistors (5 different values 10 each), capacitors (5 different values 10 each), Diodes (3 Values , 5 each), Transistor (2 values 5 each), Switches (Push Button, On Off, slider, toggle), Potentiometer (2 values 5 each, Motor Clamps x4, Motor Driver L 293D Module x1, Arduino UNO with casing x1, Bread Board 800 point x1, Male Berg Strip 40 pin x5, Female Berg Strip 40 pin x5, 7805 ICx1, 7 Segment Display x2, LDRx1, Buzzer small x2, Vibrating Motorx2, Battery Clip with DC Jackx2, Twisted cable x 5 meter, RGB LED x2, IR Sensors module x2, PIR Module x1, Ultrasonic Sensors module x1, Servo Motor - small metal gear x4, Small Fanx2, Bread board power supplyx1, 2 pole terminal connectors x5	Arduino Based Electronic Kit
16.	DC motor	BO Motors 150 RPM (Very useful for making a small robot car), also used in various projects. 1000 RPM will be too fast. Can put 4 BO Motors 150 rpm, 2 Dc motor 200 rpm, 2 dc motor 500 rpm, 2 DC motor 1000 rpm	4 BO Motors 150 rpm, 2 Dc motor 200 rpm, 2 dc motor 500 rpm, 2 DC motor 1000 rpm
17.	Tablets	As 3D lab will be a part of computer lab then what exactly is the purpose of tablet kindly highlight. As it takes a significant budget of the lab.	Tablets are used to surf online 3D resources and visualize different angle of shapes and also printing of 3D designs.

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Some points to be noted while submitted the bid:

1. The cost variant in Financial Bid stated in Column 2, includes Installation, Operational, Maintenance and commissioning cost.
2. Supply of Filament is made on quarterly basis or as when required.
3. On page no 7, Point no 10.1 of the para 10 clause is read as 'The Performance Security/Bank Guarantee (BG) will be in the form of an account payee Demand Draft, Fixed Deposit Receipt from a Scheduled Bank, Bank Guarantee from any Nationalized Bank or Scheduled Bank or online payment in an acceptable form safeguarding the purchaser's interest in all respects.'
4. On page no 38, Point no 6 of Para 5.2 of Basic Eligibility Criteria, is read as 'The Bidder should submit Bank Solvency Certificate for a minimum amount of Rs. 18,40,760/- (Eighteen Lakh forty thousand Seven Hundred Sixty only) i.e. 40% of the estimated cost, issued on or after 1<sup>st</sup> April,2018 by any Nationalized or Scheduled Bank.'
5. On page 56, Para 21 of chapter – VII 'Special Conditions of Contract', is read as 'The bidders have to accept all technical/financial terms & conditions mentioned in the bid document. No conditional bid will be accepted. NDMC however, reserves the right to reject any or all of the offers. The successful Bidder will provide onsite comprehensive warranty and support to 10 NDMC schools, under NDMC within 24 hours of placing of complaint of fault in the installed equipment / software provided by the bidder. Comprehensive warranty will also include cost of consumables like wires, batteries of UPS, Lamp of the Projector and any part of computer and server etc.'
6. On page 70, Para 3 of Annexure – V: Format – 1 'Technical Bid Form', is read as 'we confirm having deposited earnest money of INR of Rs 92038/- (INR Nine Two thousand Thirty Eight only) with hard copy of document submission on or before the submission date and time in NDMC. Scan copy of EMD also submitted online also with other technical document'
7. On page 82, Point no 7 of Checklist -2 of 'Annexure – VII' is read as 'The Bidder should submit Bank Solvency Certificate for a minimum amount of Rs. 18,40,760/- (Eighteen Lakh forty thousand Seven Hundred Sixty only) i.e. 40% of the estimated cost, issued on or after 1<sup>st</sup> April,2018 by any Nationalized or Scheduled Bank.' This Bank solvency certificate may be got verified from the Bank concerned'

  
9/8/18  
**DIRECTOR (EDUCATION)**  
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