

PO. No.: EdCIL/EIS & EPS/PROC/2023-24/2059

03.10.2023

To,

M/s STEM Learning Pvt Ltd,
1205, Marathon Icon,
Marathon Nextgen Campus,
Opp.G.K.Marg, Lower Parel (W)
Mumbai.

Subject: Setting up STEM/Science Lab in 01 (One) Govt. Schools nearby villages as per NTPC CSR for improving Learning Policy.

Ref: 1.NIT No: EdCIL/EIS & EPS/PROC/2022-23/04

Dated: 11.01.2023

Dear Sir,

1. Your above-mentioned Bid offer submitted on 03.02.2023 has been accepted by the Competent Authority in EdCIL for the **"Setting up STEM/Science Lab in 01 (One) Govt. Schools nearby villages as per NTPC CSR for improving Learning Policy"** at a total amount of Rs. 8,58,818/- (Rupees Eight Lakh Fifty-Eight Thousand Eight Hundred Eighteen Only) Inclusive of taxes.
2. The Scope of **"Setting up STEM/Science Lab in 01 (One) Govt. Schools nearby villages as per NTPC CSR for improving Learning Policy"** with warranties shall be governed as mentioned in the NIT No: EdCIL/EIS & EPS/PROC/2022-23/04 Dated: 11.01.2023.
3. The STEM Lab items /equipment has to be Supplied and Installed at the schools identified by NTPC Singrauli Unit i.e **Composite School Kota/Kasturba Gandhi Vidyalaya, Robertsganj.**
4. This letter shall form a part of the Contract along with the tender document and all Corrigendum/Addendum, correspondence made for this tender. The agreement has to be signed between **EdCIL (India) Limited & M/s STEM Learning Pvt. Ltd., Mumbai**, on Rs.100 (Rupees One Hundred only) non-judicial stamp paper as per the format given in **Annexure XII** of the Tender Document.
5. As Per Clause No. 11 of Chapter-V 'Instruction to Bidders' (Delivery Schedule), the Supply ,installation and commissioning should be completed within 45 days from the issuance of the Purchase Order. The "Time Schedule" for the broad activities till completion of work to be submitted to EdCIL (India) Limited within 3 (three) days from the date of issue of this Purchase Order.
6. **Service Period:** The duration of the service period shall be from the date of issuance of Purchase Order i.e from **05.09.2023 to 04.09.2026.**

7. **Payment Terms:**

- i) 80% payment (of total PO value) shall be released after completion of Delivery & Installation of equipment, Baseline Survey and, Teacher Training.
- ii) 20% payment (of total PO value) shall be released after completion of the project.

Note:

a) The ownership of supplied items shall be with EdCIL/EdCIL's Client and as such EdCIL will process the Invoice of the Supplier only after the receipt of payment from EdCIL's Client for the respective stages.

b) Valid GST invoice should be prepared and Billed to EDCIL India Limited quoting EDCIL's GST NO and **Place of Delivery is**.
-1004 Singrauli Super Thermal Power Station
PO Shaktinagar Sonebhadra
Uttar Pradesh-231 222.

8) **Warranty**

8.1 Comprehensive Warranty should be for a minimum period of **One (01) years** from date of successful delivery, installation, commissioning & handing over of STEM Lab at the designated location/schools as per the Tender Document Clause No. 26 of Chapter-V (Instruction to Bidders) and amendment if any.

8.2 The warranty should be comprehensive on site with responsibility of the agency to ensure attending the warranty queries/issues received from NTPC/schools time to time within the Warrantee Period . Supplier should give written information (about the Engineers/ technical representative name and cell numbers) before handing over of the STEM Lab to the Consignee and to the end client's nominated representative/s to attend the issues related to the warranty of the goods supplied under the contract.

8.3 The period for correction of defects in the warranty period is 02 days. If the supplier having been notified fails to remedy the defects within 02 days, the consignee should proceed to take such remedial action as should be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the consignee should have against the supplier under the contract.

9) **AMC:**

AMC shall be one year from the date of completion of the Defects Liability Period.

- 10) **Performance Security:** The successful bidder should be required to deposit Performance Bank Guarantee equivalent to **03% of contract value/work order** to EdCIL **within 15 (Fifteen) days** from the date of receipt of Purchase Order. The Performance Bank Guarantee should be issued by a **Nationalised Bank/Scheduled Bank** in favour of "**EdCIL (India) Limited, Noida**". This Performance Bank Guarantee should be retained throughout the currency of the contract and should be extended by the bidder from time to time, as required by EdCIL.



This guarantee shall be valid for a period of **90 days beyond the Three-year warranty period from the date of commissioning and successful handing over.** (Refer Clause No. 8 of Chapter-V, Instructions to Bidders of Tender Document and Annexure IX Format of PBG Enclosed).

- 11) **Delayed Delivery:** If the delivery is not made within the due date for any reason under the control of the successful bidder, the EdCIL reserves the right to impose Liquidated damages (LD) @ 0.5 % plus GST per week effective from 31st day from the date of issuance of PO and the maximum deduction of 10% of the contract value/ rate. The LD shall be applied only on the portion of items not delivered within the stipulated time period for reasons under the control of the supplier. Applicable GST on LD amount would also be charged additional.
- Once the maximum is reached, EdCIL has the right to terminate the contract without any liability to cancellation charges and encash the submitted performance guarantee/s submitted by successful bidder. **(Refer Clause No. 16 of Chapter-V, Instructions to Bidders of Tender Document).**
- 12) **The Baseline Survey Report shall contain :** 1. Title/Cover Page 2. Table of Contents 3. Executive Summary 4. List of acronyms and abbreviations 5. List of tables and figures 6. List of photos 7. Introduction 8. Survey Methodology-detailed 9. Findings 10. Conclusion 11. Annexures (List of Documents reviewed, survey tools/questionnaires, etc.)
- 13) **The Endline Survey Report shall contain :** 1. Background 2. Purpose 3. Research Objectives 4. Methods, Study Location, Selection Criteria, Sampling Procedure, Sample Size, Survey tools/instruments, Survey team, required consent form 5. Data Collection-data entry and analysis, timeline, ethical considerations, consent 6. Findings and Recommendations in line with Baseline Survey 7. References
- 14) You are advised to contact immediately to the DGM (EIS & EPS), EdCIL House, 18-A, Sec-16A, Noida (U.P.)- 201301 for further directions and submission of schedule, Contract Agreement, & Performance Bank Guarantee and Duplicate Signed copy of this Purchase Order.
- 15) This letter is sent with a duplicate copy of this letter, you are advised to return duplicate copy duly signed & stamped from the authorized representative as a token of your acceptance for the said work order within 3 days time. An advance copy is sent on official email id as mentioned in bid submitted i.e. meera.dhanuka@stemlearning.in.
- 16) Kindly acknowledge the receipt of Purchase Order.

Thanking You,

 Yours Faithfully

(Nandeesh Babu MG)
DGM (EIS & EPS)

Enclosure:

1. BOQ on Accepted Rates (Annexure-I).
2. Contract Agreement form.
3. Performance Bank Guarantee Format.

PRICE BID

Agency Name: M/s. STEM Learning Pvt. Ltd. Mumbai

Sr. No.	80 Nos. Models (Class 9-12)	Qty.	Unit	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
A								
1	Periscope	1	No.	8,910	8,910	18	1,604	10,514
2	Laws of Reflection	1	No.	4,780	4,780	18	860	5,640
3	Corner Mirror	1	No.	7,730	7,730	18	1,391	9,121
4	Infinity Well	1	No.	8,320	8,320	18	1,498	9,818
5	Total Internal Reflection.	1	No.	8,320	8,320	18	1,498	9,818
6	Law of Inertia	1	No.	8,910	8,910	18	1,604	10,514
7	Circle and Ball	1	No.	8,900	8,900	18	1,602	10,502
8	Action and Reaction	1	No.	7,730	7,730	18	1,391	9,121
9	Floating Ball	1	No.	7,730	7,730	18	1,391	9,121
10	Floating Fan	1	No.	8,670	8,670	18	1,561	10,231
11	Hand Pump	1	No.	8,200	8,200	18	1,476	9,676
12	Anamorph	1	No.	7,800	7,800	18	1,404	9,204
13	Lazy Tube	1	No.	6,050	6,050	18	1,089	7,139
14	Hyperbola	1	No.	7,230	7,230	18	1,301	8,531
15	Pythagoras Model & Moire Pattern	1	No.	7,820	7,820	18	1,408	9,228
16	Elliptical Carrom Board	1	No.	6,050	6,050	18	1,089	7,139
17	$(a+b)^2 = a^2 + 2ab + b^2$	1	No.	6,050	6,050	18	1,089	7,139
18	$(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$	1	No.	6,050	6,050	18	1,089	7,139
19	$a^2 - b^2 = (a+b)(a-b)$	1	No.	7,820	7,820	18	1,408	9,228
20	Organ pipes	1	No.	6,050	6,050	18	1,089	7,139
21	Area of rhombus	1	No.	9,700	9,700	18	1,746	11,446
22	Transverse wave pendulum	1	No.	7,820	7,820	18	1,408	9,228
23	Area of triangle	1	No.	6,050	6,050	18	1,089	7,139
24	Area of parallelogram	1	No.	7,800	7,800	18	1,404	9,204
25	Coupled Pendulum	1	No.	8,100	8,100	18	1,458	9,558
26	Solar Light	1	No.	9,800	9,800	18	1,764	11,564
27	Wind Mill	1	No.	7,900	7,900	18	1,422	9,322
28	Shape of earth Rotational force Centrifugal force	1	No.	8,300	8,300	18	1,494	9,794
29	Refraction Cylinder	1	No.	8,300	8,300	18	1,494	9,794
30	Newton's Cradle	1	No.	9,300	9,300	18	1,674	10,974
31	Hand Battery	1	No.	8,000	8,000	18	1,440	9,440
32	Day & Night	1	No.	7,650	7,650	18	1,377	9,027
33	Cone Run Uphill	1	No.	9,600	9,600	18	1,728	11,328
34	Tower Of Pisa	1	No.	6,100	6,100	18	1,098	7,198
35	Lever	1	No.	9,300	9,300	18	1,674	10,974
36	Pulley Block	1	No.	8,100	8,100	18	1,458	9,558
37	Heat Absorption	1	No.	9,300	9,300	18	1,674	10,974
38	Viscosity Tube	1	No.	9,700	9,700	18	1,746	11,446
39	Rock and Minerals	1	No.	5,280	5,280	18	950	6,230
40	DNA	1	No.	8,300	8,300	18	1,494	9,794
41	Lateral Shift	1	No.	7,300	7,300	18	1,314	8,614
42	Funny mirrors	1	No.	4,380	4,380	18	788	5,168
43	Marble Slide	1	No.	6,050	6,050	18	1,089	7,139
44	Resonance	1	No.	6,050	6,050	18	1,089	7,139
45	Centrifuge Puzzle	1	No.	6,050	6,050	18	1,089	7,139
46	$(A+B)^2 - (A-B)^2 = 4AB$	1	No.	7,300	7,300	18	1,314	8,614
47	Electric bell	1	No.	6,050	6,050	18	1,089	7,139
48	Ear & Eye	1	No.	9,650	9,650	18	1,737	11,387
49	Plant Cell	1	No.	11,750	11,750	18	2,115	13,865



Sr. No.	80 Nos. Models (Class 9-12)	Qty.	Unit	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
50	Animal Cell	1	No.	8,700	8,700	18	1,566	10,266
51	Inclined plane	1	No.	9,650	9,650	18	1,737	11,387
52	Ray optics Kit	1	No.	8,400	8,400	18	1,512	9,912
53	Electroscope	1	No.	7,800	7,800	18	1,404	9,204
54	Atomic Kit	1	No.	6,800	6,800	18	1,224	8,024
55	Pascal's law	1	No.	5,900	5,900	18	1,062	6,962
56	Kinetic Theory Model	1	No.	8,900	8,900	18	1,602	10,502
57	Bernoulli Balls	1	No.	5,400	5,400	18	972	6,372
58	I looke's Law	1	No.	9,600	9,600	18	1,728	11,328
59	Periodic Table	1	No.	7,100	7,100	18	1,278	8,378
60	Transformer principle	1	No.	7,680	7,680	18	1,382	9,062
61	Human Kaleidoscope	1	No.	6,600	6,600	18	1,188	7,788
62	Van De Graaff Generator	1	No.	7,100	7,100	18	1,278	8,378
63	Radiometer	1	No.	6,600	6,600	18	1,188	7,788
64	Wave Motion	1	No.	5,580	5,580	18	1,004	6,584
65	Magnetic Effect Of Electric Current With Galvanometer	1	No.	6,920	6,920	18	1,246	8,166
66	Gyroscope	1	No.	6,660	6,660	18	1,199	7,859
67	Aerofoil Shape Of Wings Of Aeroplane	1	No.	7,880	7,880	18	1,418	9,298
68	Sand Pendulum	1	No.	6,580	6,580	18	1,184	7,764
69	Bell Jar Experiment	1	No.	8,960	8,960	18	1,613	10,573
70	Oersted Experiment	1	No.	5,650	5,650	18	1,017	6,667
71	Ampere Model	1	No.	8,980	8,980	18	1,253	8,213
72	Curie Point	1	No.	6,050	6,050	18	1,089	7,139
73	Doppler's effect	1	No.	5,940	5,940	18	1,069	7,009
74	Weight on different Planets	1	No.	5,280	5,280	18	950	6,230
75	Coin movement in cone	1	No.	5,360	5,360	18	965	6,325
76	Mid-point theorem	1	No.	6,850	6,850	18	1,233	8,083
77	Tower of Brahma	1	No.	5,940	5,940	18	1,069	7,009
78	Sum Of First N Odd Numbers	1	No.	5,280	5,280	18	950	6,230
79	Sum Of First N Numbers In	1	No.	5,360	5,360	18	965	6,325
80	Fibonacci series	1	No.	6,050	6,050	18	1,089	7,139
	Sub Total				5,91,630			
81	Teacher Training	2	No.	17,500	35,000	18	6,300	41,300
82	Infrastructure	1	No.	66,182	66,182	18	11,913	78,095
84	Baseline Survey and Endline Survey	1	No.	35,000	35,000	18	6,300	41,300
	Total				7,27,812			8,58,818

