

PO. No.: EdCIL/EIS & EPS/PROC/2023-24/Ro 74

22.11.2023

To,

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

**Subject: Setting up of STEM Labs with teachers training in 06 Government Schools (for classes IX to XII) of nearby NTPC Sipat.**

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 of STEM Labs with teachers training in 06 Government Schools (for classes IX to XII) of nearby NTPC Sipat**" at a total amount of **Rs. 49,98,320/-** (Rupees Forty-Nine Lakhs Ninety-Eight Thousand Three Hundred Twenty Only) Inclusive of taxes.
2. The Scope of "**Setting up of STEM Labs with teachers training in 06 Government Schools (for classes IX to XII) of nearby NTPC Sipat**" 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 following schools identified by NTPC Sipat Unit :
  1. Swami Aatmanand Government Hindi Medium School, Sipat.
  2. Government High School, Dhaniya
  3. Government Higher Secondary School, Sonthi
  4. Government High School, Renki
  5. Government Higher Secondary School, Janji
  6. Government High School, Kaudiya
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 **22.11.2023 to 07.02.2025**.

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**.  
-1019 Sipat Super Thermal Power Project  
PO Ujwal Nagar District Bilaspur  
Chhattisgarh- 495 555

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:**

Total 2 visits in individual school for two years.

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 31<sup>st</sup> 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 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,



**Enclosure:**

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

**Setting up of STEM Labs with teachers training in 06 Government Schools (for classes IX to XII) of nearby NTPC Sipat**

**PRICE BID**

Sr. No.	80 Nos. Models (Class 9-12)	Qty.	Unit	Rate/unit (in Rs.)	Amount (Exclusive of Tax) (Rs.)	Amount after 3% Discount	Taxes. (%)	Taxes in (Rs.)	Amount (Inclusive of Tax) (Rs.)
<b>A</b>									
1	Periscope	1	No.	8,910	8,910	8,643	18	1,556	10,198
2	Laws of Reflection	1	No.	4,780	4,780	4,637	18	835	5,471
3	Corner Mirror	1	No.	7,730	7,730	7,498	18	1,350	8,848
4	Infinity Well	1	No.	8,320	8,320	8,070	18	1,453	9,523
5	Total Internal Reflection.	1	No.	8,320	8,320	8,070	18	1,453	9,523
6	Law of Inertia	1	No.	8,910	8,910	8,643	18	1,556	10,198
7	Circle and Ball	1	No.	8,900	8,900	8,633	18	1,554	10,187
8	Action and Reaction	1	No.	7,730	7,730	7,498	18	1,350	8,848
9	Floating Ball	1	No.	7,730	7,730	7,498	18	1,350	8,848
10	Floating Fan	1	No.	8,670	8,670	8,410	18	1,514	9,924
11	Hand Pump	1	No.	8,200	8,200	7,954	18	1,432	9,386
12	Anamorph	1	No.	7,800	7,800	7,566	18	1,362	8,928
13	Lazy Tube	1	No.	6,050	6,050	5,869	18	1,056	6,925
14	Hyperbola	1	No.	7,230	7,230	7,013	18	1,262	8,275
15	Pythagoras Model & Moire Pattern	1	No.	7,820	7,820	7,585	18	1,365	8,951
16	Elliptical Carrom Board	1	No.	6,050	6,050	5,869	18	1,056	6,925
17	$(a+b)^2 = a^2 + 2ab + b^2$	1	No.	6,050	6,050	5,869	18	1,056	6,925
18	$(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$	1	No.	6,050	6,050	5,869	18	1,056	6,925
19	$a^2 - b^2 = (a+b)(a-b)$	1	No.	7,820	7,820	7,585	18	1,365	8,951
20	Organ pipes	1	No.	6,050	6,050	5,869	18	1,056	6,925
21	Area of rhombus	1	No.	9,700	9,700	9,409	18	1,694	11,103
22	Transverse wave pendulum	1	No.	7,820	7,820	7,585	18	1,365	8,951
23	Area of triangle	1	No.	6,050	6,050	5,869	18	1,056	6,925
24	Area of parallelogram	1	No.	7,800	7,800	7,566	18	1,362	8,928
25	Coupled Pendulum	1	No.	8,100	8,100	7,857	18	1,414	9,271
26	Solar Light	1	No.	9,800	9,800	9,506	18	1,711	11,217
27	Wind Mill	1	No.	7,900	7,900	7,663	18	1,379	9,042
28	Shape of earth Rotational force Centrifugal force	1	No.	8,300	8,300	8,051	18	1,449	9,500
29	Refraction Cylinder	1	No.	8,300	8,300	8,051	18	1,449	9,500
30	Newton's Cradle	1	No.	9,300	9,300	9,021	18	1,624	10,645
31	Hand Battery	1	No.	8,000	8,000	7,760	18	1,397	9,157
32	Periodic Table	1	No.	7,650	7,650	7,421	18	1,336	8,756
33	Cone Run Uphill	1	No.	9,600	9,600	9,312	18	1,676	10,988
34	Tower Of Pisa	1	No.	6,100	6,100	5,917	18	1,065	6,982
35	Lever	1	No.	9,300	9,300	9,021	18	1,624	10,645
36	Pulley Block	1	No.	8,100	8,100	7,857	18	1,414	9,271
37	Heat Absorption	1	No.	9,300	9,300	9,021	18	1,624	10,645
38	Viscosity Tube	1	No.	9,700	9,700	9,409	18	1,694	11,103
39	Rock and Minerals	1	No.	5,280	5,280	5,122	18	922	6,043
40	DNA	1	No.	8,300	8,300	8,051	18	1,449	9,500
41	Lateral Shift	1	No.	7,300	7,300	7,081	18	1,275	8,356
42	Funny mirrors	1	No.	4,380	4,380	4,249	18	765	5,013
43	Marble Slide	1	No.	6,050	6,050	5,869	18	1,056	6,925
44	Resonance	1	No.	6,050	6,050	5,869	18	1,056	6,925
45	Weight on different Planets	1	No.	6,050	6,050	5,869	18	1,056	6,925
46	$(A+B)^2 - (A-B)^2 = 4AB$	1	No.	7,300	7,300	7,081	18	1,275	8,356



*Arvind*

47	Electric bell	1	No.	6,050	6,050	5,869	18	1,056	6,925
48	Ear & Eye	1	No.	9,650	9,650	9,361	18	1,685	11,045
49	Plant Cell	1	No.	11,750	11,750	11,398	18	2,052	13,449
50	Animal Cell	1	No.	8,700	8,700	8,430	18	1,510	9,058
51	Inclined plane	1	No.	9,650	9,650	9,361	18	1,685	11,045
52	Ray optics Kit	1	No.	8,400	8,400	8,148	18	1,467	9,615
53	Electroscope	1	No.	7,800	7,800	7,566	18	1,362	8,928
54	Atomic Kit	1	No.	6,800	6,800	6,596	18	1,187	7,783
55	Pascal's law	1	No.	5,900	5,900	5,723	18	1,030	6,753
56	Kinetic Theory Model	1	No.	8,900	8,900	8,633	18	1,554	10,187
57	Bernoulli Balls	1	No.	5,400	5,400	5,238	18	943	6,181
58	Hooke's Law	1	No.	9,600	9,600	9,312	18	1,676	10,988
59	Periodic Table	1	No.	7,100	7,100	6,887	18	1,240	8,127
60	Transformer principle	1	No.	7,680	7,680	7,450	18	1,341	8,791
61	Human Kaleidoscope	1	No.	6,600	6,600	6,402	18	1,152	7,554
62	Van De Graaff Generator	1	No.	7,100	7,100	6,887	18	1,240	8,127
63	Radiometer	1	No.	6,600	6,600	6,402	18	1,152	7,554
64	Wave Motion	1	No.	5,580	5,580	5,413	18	974	6,387
65	Magnetic Effect Of Electric Current With Galvanometer	1	No.	6,920	6,920	6,712	18	1,208	7,921
66	Gyroscope	1	No.	6,660	6,660	6,460	18	1,163	7,623
67	Aerofoil Shape Of Wings Of	1	No.	7,880	7,880	7,644	18	1,376	9,019
68	Sand Pendulum	1	No.	6,580	6,580	6,383	18	1,149	7,531
69	Bell Jar Experiment	1	No.	8,960	8,960	8,691	18	1,564	10,256
70	Oersted Experiment	1	No.	5,650	5,650	5,481	18	986	6,467
71	Ampere Model	1	No.	6,960	6,960	6,751	18	1,215	7,966
72	Curie Point	1	No.	6,050	6,050	5,869	18	1,056	6,925
73	Doppler's effect	1	No.	5,940	5,940	5,762	18	1,037	6,799
74	Weight on different Planets	1	No.	5,280	5,280	5,122	18	922	6,043
75	Coin movement in cone	1	No.	5,360	5,360	5,199	18	936	6,135
76	Mid-point theorem	1	No.	6,850	6,850	6,645	18	1,196	7,841
77	Tower of Brahma	1	No.	5,940	5,940	5,762	18	1,037	6,799
78	Sum Of First N Odd Numbers	1	No.	5,280	5,280	5,122	18	922	6,043
79	Sum Of First N Numbers In Arithmetic	1	No.	5,360	5,360	5,199	18	936	6,135
80	Fibonacci series	1	No.	6,050	6,050	5,869	18	1,056	6,925
<b>Sub Total</b>				<b>5,91,630</b>	<b>5,73,881</b>			<b>1,03,299</b>	<b>6,77,180</b>
81	Teacher Training	2	No.	17,500	<b>35,000</b>	33,950	18	6,111	40,061
82	Infrastructure	1	No.	91,000	<b>66,182</b>	64,196	18	11,555	75,752
84	Baseline Survey and Endline Survey	1	No.	35,000	<b>35,000</b>	33,950	18	6,111	40,061
<b>Total for one (01) STEM Lab</b>				<b>7,27,812</b>	<b>7,05,977</b>			<b>1,27,076</b>	<b>8,33,053</b>
	<b>Total for Six (06) STEM Lab</b>				43,66,871	42,35,865		7,62,456	49,98,320

