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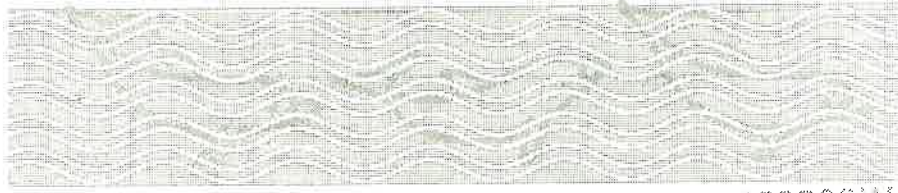
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MEMORANDUM OF UNDERSTANDING (Site-Specific MOU)
BETWEEN
GORAKHPUR HARYANA ANU VIDYUT PRIYOJANA (GHAVP),
NUCLEAR POWER CORPORATION OF INDIA LIMITED, GORAKHPUR,
HARYANA

&

EDCIL (INDIA) LIMITED, NEW DELHI

This MoU is made on 28 day of January Two Thousand Twenty-Five (2025)

BETWEEN

The **GORAKHPUR HARYANA ANU VIDYUT PRIYOJANA (GHAVP), NUCLEAR POWER CORPORATION OF INDIA LIMITED**, having its office at Vill & P.O. Gorakhpur, Teh: Bhuna, Distt: Fatehabad, Haryana-125047. Hereinafter referred to as "GHAVP" which expression shall, unless repugnant to the context, include his successor in office and assignees of the **ONE PART**.

AND

M/s EdCIL (India) Limited, A Government of India Enterprise, (A Mini Ratna CPSE) having its Registered Office at 7th floor, Ambadeep building, 14 KG Marg, Cannought Place, New Delhi - 110001 and Corporate office at EdCIL House, 18-A, Sector 16-A, NOIDA- 201 301, hereinafter referred to as "EdCIL", which expression shall, unless repugnant to the context, include his successors and permitted assignees of the **OTHER PART**.



Statutory Alert:

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हृदयेश कुमार निगोतिया Hredayesh Kumar Nigotia

मुख्य अभियन्ता (सिविल- एनएनबी) Chief Engineer (Civil-NNB)

गोरखपुर हरियाणा अनु विद्युत परियोजना/GHAVP

नियंत्रण और कोऑरिनेशन ऑफ इण्डिया लि/NNPCIL

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WHEREAS GORAKHPUR HARYANA ANU VIDYUT PARIYOJNA (GHAVP), NUCLEAR POWER CORPORATION OF INDIA LIMITED, is wholly owned by the Government of India and is responsible for the generation of electricity from nuclear power. NPCIL is administered by the Department of Atomic Energy.

1. Back Ground

An MoU has been signed between NPCIL, HQ at Mumbai & EDCIL (India) Ltd on **07.06.2023** for 5 nos of Units of NPCIL for 3 years where in it has been agreed that EDCIL shall act as turnkey service provider to undertake end to end CSR activities execution through Project Management Consultancy with the following scope of work:

- To assist in planning CSR activities in accordance to the DPE Guidelines & theme thereof for a particular year.
- To prepare a need assessment report for the educational and other social service sectors for the consideration of CSR Board/Committee of NPCIL for finalization of areas and activities with estimated amount against each head/sector.
- To implement the approved CSR activities through transparent procurement process by undertaking preparation of estimate, tendering & selection of agency through empanelment/tendering with due diligence.
- To monitor procurement process, services, commissioning, handing over and handholding for a period of 3 years against each year CSR Projects and may be extended further as per the agreement.
- To manage events/social media/print media/awareness and visibility of CSR activities of NPCIL.
- To organise reports/analytics/Impact Assessment/improvements etc. on NPCIL's CSR activities executed by EDCIL & ongoing CSR projects.

NPCIL Board level CSR Committee approved engaging EDCIL in CSR activities at following green/brown field sites:

- Jaitapur Nuclear Power Plant, Ratnagiri, Maharashtra.
- **Gorakhpur Haryana Anu Vidyut Pariyojna(GHAVP).**
- Nuclear Power Project, Kovvada, Andhra Pradesh.
- Mahi Banswada, Rajasthan Atomic Power Project.
- Chutka Madhya Pradesh Atomic Power Project.

Subsequently, it was also agreed that a separate MoU will be signed between EdCIL and each of the individual sites of NPCIL (05nos. as given above). The said MoU shall consist the project specific- Scope of work, BOQ, Project cost and other terms and conditions. The Finalization of the projects for each of the individual site, shall be done by EdCIL based on the Need Assessment survey of the school, in consultation with the local administration, with in & around GHAVP NPCIL site.

2. Need Assessment Survey of Govt. Schools in & around GHAVP NPCIL site

EdCIL has conducted a Need Assessment Survey of Govt. schools in District Fatehabad, Haryana. The purpose of the Need Assessment was to identify the preliminary requirements to enable the Govt. schools with 'and' 'facilities' viz. latest tech-based labs to facilitate the student to easily understand the STEM (Science, Technology, Engineering & Mathematics) etc. Subjects.

After Scrutinizing need assessment report of EdCIL, GHAVP has agreed to Execute the following projects & MoU will be signed for the following projects:

| S.No | Proposed Projects | Proposed Nos. of Projects |
|------|-----------------------|---------------------------|
| 1 | BALA Program | 14 nos. |
| 2 | Stem Labs (80 Models) | 11 nos. |
| 3 | Astronomy Labs | 04 nos. |



हृदयेश कुमार निगोलिया Hridayesh Kumar Nigolia
मुख्य अभियन्ता (सिविल- एनएनबी) Chief Engineer (Civil-NNB)
गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
न्यूक्लियर पॉवर कॉर्पोरेशन ऑफ इण्डिया लि0/NPCIL

3. a) Scope of Work for Project Bala

Bala Labs/interventions proposed numbers have been given below. Name of the identified schools will be approved by GHAVP, NPCIL where the projects will be executed.

| S.No | Proposed Intervention | Proposed Nos. of Projects |
|------|-----------------------|---------------------------|
| 1 | BALA Program | 14 nos. |

- (i) The cost of BaLA program consist of 50 nos. of interventions covering approximately 1000 sqft area for painting other that civil, fabrication & carpentry. But in such schools where 1000 sqft area will not be available, reduced no. of interventions will be provided. The payment of Bala Painting in such schools shall be based on actual interventions used and area of painting covered. The rate of individual interventions is mentioned below:

| Rate of Individual Bala Intervention | | | | | | |
|--------------------------------------|---|------|----------------|-------------------------------|-----------------|---------------------------------|
| S. No | Interventions | Unit | Tantative Size | Total Size in sqft / Quantity | Unit Rate (Rs.) | Amount (Exclusive of GST) (Rs.) |
| A | For Classroom | | | | | |
| | Measures Around Us | | | | | |
| 1 | Horizontal Scale | sqft | 6X1 | 6 | 223 | 1,337 |
| 2 | Vertical Scale | sqft | 6X1 | 6 | 223 | 1,337 |
| 3 | Concept of Big & Small (through Physical Interventions) | sqft | 4X5 | 20 | 223 | 4,458 |
| | Angles Around Us | | | | | |
| 4 | Door Angle Protractor | sqft | 2X2 | 4 | 223 | 892 |
| 5 | Highlighting Naturally Occurring Angles in classroom | sqft | 2X2 | 4 | 223 | 892 |
| | Symmetry Around Us | | | | | |
| 6 | Symmetry in the Built Elements | sqft | 4X4 | 16 | 223 | 3,566 |
| | Colour Teasers | | | | | |
| 7 | Fan Colour Wheels | no | 4X4 | 16 | 41 | 653 |
| 8 | Rainbow on Floor/ Wall of the classroom or Corridor | sqft | 6X6 | 36 | 223 | 8,024 |
| | Map Your World (painted on Classroom door/ wall/ Table/ Floor) | | | | | |
| 9 | Map of the Classroom | sqft | 2X2 | 4 | 223 | 892 |
| 10 | Map of the School | sqft | 4X4 | 16 | 223 | 3,566 |
| 11 | Map of the Neighbourhood / Village | sqft | 4X4 | 16 | 223 | 3,566 |
| 12 | Map of the City / District | sqft | 5X5 | 25 | 223 | 5,572 |
| 13 | Map of State | sqft | 5X5 | 25 | 223 | 5,572 |
| 14 | Map of Country | sqft | 6X6 | 36 | 223 | 8,024 |



| | | | | | | |
|----------|---|------|----------------------------------|-----|-------|--------|
| 15 | Map of the World | sqft | 10X10 | 100 | 223 | 22,288 |
| | Time Devices | | | | | |
| 16 | Wall Clock | no | 2X2 | 4 | 223 | 892 |
| | Number Lines | | | | | |
| 17 | Wall Number Line Tiles | sqft | 1X10 | 10 | 223 | 2,229 |
| | Place Value Chart | | | | | |
| 18 | Place Value Chart on Wall | sqft | 3X4 | 12 | 223 | 2,675 |
| | Activity Boards and Surfaces on Walls | | | | | |
| 19 | Geometrical Pattern /Shapes | sqft | 1X1X10 | 10 | 223 | 2,229 |
| 20 | Shape Poem Board | sqft | 3X4 | 12 | 223 | 2,675 |
| B | For Corridors | | | | | |
| | Measures Around Us | | | | | |
| 21 | Horizontal Scale | sqft | 6X1 | 6 | 223 | 1,337 |
| 22 | Vertical Scale | sqft | 6X1 | 6 | 223 | 1,337 |
| | Symmetry Around Us | | | | | |
| 23 | Symmetry in mirror images | LS | 1 no. with mirror size of 3X1 ft | 1 | 2,856 | 2,856 |
| 24 | Symmetry in Geometrical shapes | sqft | 4X4 | 16 | 223 | 3,566 |
| | Inverted Images | | | | | |
| 25 | Inverted Images on mirror | LS | 1 no. with mirror size of 3X1 ft | 1 | 2,856 | 2,856 |
| | Cycles Around Us | | | | | |
| 26 | Phases of Moon | sqft | 5X5 | 25 | 223 | 5,572 |
| 27 | Cycle of seed germination | sqft | 5X4 | 20 | 223 | 4,458 |
| 28 | Water Cycle | sqft | 5X4 | 20 | 223 | 4,458 |
| 29 | Food Chain | sqft | 5X4 | 20 | 223 | 4,458 |
| | Number Lines | | | | | |
| 30 | Conversion of money units | sqft | 4X3 | 12 | 223 | 2,675 |
| 31 | Understanding Symbols (+ - x => <) | sqft | 4X3 | 12 | 223 | 2,675 |
| | Writing Aids | | | | | |
| 32 | Understanding of Consonant & Vowel - English Language | sqft | 5X4 | 20 | 223 | 4,458 |



हृदयेश कुमार निगोतिया Hrudayesh Kumar Nigotia
मुख्य अभियन्ता (सिविल- एनएनबी) Chief Engineer (Civil-NNB)
गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
न्यूक्लियर पॉवर कॉर्पोरेशन ऑफ इण्डिया लि/ NPCIL

| | | | | | | |
|----------|--|------|-----------------------|-----|-------|-----------------|
| 33 | General signage | sqft | 3X5 | 15 | 223 | 3,343 |
| | Visuals Around Us | | | | | |
| 34 | Expressions | sqft | 4X4 | 16 | 223 | 3,566 |
| 35 | Some Intresting Figures on Door / Almirah Shutter viz. Healthy habbits | sqft | 4X4 | 16 | 223 | 3,566 |
| C | Outdoor | | | | | |
| 36 | Planetary Orbits / Solar System | sqft | 6X4 | 24 | 223 | 5,349 |
| 37 | Stairs- Painting of Numbers | sqft | 2X1X10 | 20 | 223 | 4,458 |
| 38 | Concrete Ground - Snake and Ladder for healthy habbit as well as learning numbers (Snake as unhealthy habbit and ladder as healthy habbit) | sqft | 14X14 | 196 | 223 | 43,684 |
| 39 | Tyre Playground alongwith 5 tyres to play with in sand | LS | 1 no. with two swings | 1 | 7,343 | 7,343 |
| 40 | Labelling the trees | LS | 20nos. | 1 | 408 | 408 |
| 41 | Stapu frame | sqft | 2X10 | 20 | 223 | 4,458 |
| 42 | Gintara on Window/ Abacus | LS | 3+3m | 1 | 4,987 | 4,987 |
| 43 | Pipe Phone | LS | 20m | 1 | 709 | 709 |
| 44 | Mazes | sqft | 4X4X2 | 32 | 223 | 7,132 |
| 45 | Play of Sunlight - light passing through grills forming shapes on wall /floor, | LS | 20 | 1 | 4,527 | 4,527 |
| 46 | Tangram Tiles | LS | 20 | 1 | 4,478 | 4,478 |
| 47 | Grid and DOT Boards on Floor/ walls | sqft | 4X4X2 | 32 | 235 | 7,514 |
| 48 | Country Name, Flags and Currency | sqft | 4X6 | 24 | 215 | 5,158 |
| 49 | Practice Board for writing i.e. having dotted letters on the board | sqft | 4X3X4 | 48 | 223 | 10,698 |
| 50 | Fraction Walls for understanding of fractions | sqft | 5X5 | 25 | 211 | 5,274 |
| | | | Total | | | 2,48,691 |

- (ii) EdCIL shall execute the above projects on Trunked basis Teacher's training that include baseline & endline survey etc.
- (iii) To organize reports/analytics/ improvements etc. on NPCIL's CSR activities by EdCIL for This CSR projects.



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न्यूक्लियर पॉवर कॉर्पोरेशन ऑफ इण्डिया लि0/NPCIL

b) Scope of Work for Stem Lab(80 Models)

Stem Lab(80 Models) proposed numbers have been given below. Name of the identified schools will be approved by GHAVP, NPCIL where the projects will be executed.

| S.No | Proposed Intervention | Proposed Nos. of Projects |
|------|-----------------------|---------------------------|
| 1 | Stem Labs (80 Models) | 11 nos. |

The list of Models & their prices are mentioned below:

| STEM Lab 80 Models (Integrated Science, Maths Lab) | | | | | | |
|--|----------------------------|---|------|------|--------------------|---------------------------------|
| Sr. No. | Model Name/ Principle | Specification | Qty. | Unit | Rate/unit (in Rs.) | Amount (Exclusive of Tax) (Rs.) |
| 1 | Constellation Viewer | Identification and study of Indian constellations About Constellations Stars Pattern | 1 | No. | 8,100 | 8,100 |
| 2 | Newton's Disc | White light is made up of 7 colours (VIBGYOR). Splitting of white light. | 1 | No. | 4,800 | 4,800 |
| 3 | Colour Shadow | Combinations of colour lights. Additive mixture of colour. Primary colours. | 1 | No. | 8,430 | 8,430 |
| 4 | Periscope | Application of laws of reflection. Angle of incidence and angle of reflection | 1 | No. | 8,910 | 8,910 |
| 5 | Kaleidoscope | Multiple reflection. Symmetric images. Patterns due to reflection | 1 | No. | 4,780 | 4,780 |
| 6 | Laws of Reflection | Laws of reflection for plane mirror. Angle of incidence = angle of reflection. | 1 | No. | 4,780 | 4,780 |
| 7 | Corner Mirror | Multiple reflection. Image formula ($N=360/A - 1$) Angled mirrors. | 1 | No. | 7,730 | 7,730 |
| 8 | Infinity Well | Multiple reflections. Image formation in parallel mirrors. | 1 | No. | 8,320 | 8,320 |
| 9 | Magic Water Tap | Optical Illusion. Refractive index of medium, refraction | 1 | No. | 8,680 | 8,680 |
| 10 | Total Internal Reflection. | Total internal reflection, bending of light ray. Optical fibre | 1 | No. | 8,320 | 8,320 |
| 11 | Fun with Magnets | Types of magnets Magnetic field and properties of field lines. | 1 | No. | 4,780 | 4,780 |
| 12 | Law of Inertia | Newton's first law. Inertia is opposing change in state of rest. | 1 | No. | 8,910 | 8,910 |
| 13 | Circle and Ball | Newton's first law. Inertia is opposing change in motion. Centripetal force. | 1 | No. | 8,900 | 8,900 |
| 14 | Action and Reaction | Newton's 3rd law of motion. For every action there is equal opposite and reaction | 1 | No. | 7,730 | 7,730 |



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गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
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| | | | | | | |
|----|--|--|---|-----|-------|-------|
| 15 | Parrot in the Cage | Persistence of vision. Frames per second. The basic concept of animation. | 1 | No. | 6,550 | 6,550 |
| 16 | Zoetrope | Persistence of vision. Frames per second. The basic concept of motion picture. | 1 | No. | 8,320 | 8,320 |
| 17 | Pin screen | Pressure Inverse relation of Pressure Area Representation of pixels | 1 | No. | 8,800 | 8,800 |
| 18 | Floating Ball | Bernoulli's principle. Pressure difference and lift. | 1 | No. | 7,730 | 7,730 |
| 19 | Floating Fan | Bernoulli's principle. Air pressuredifference | 1 | No. | 8,670 | 8,670 |
| 20 | Tornado | Atmospheric disturbances, currents, storms. Vortex of wind. | 1 | No. | 7,230 | 7,230 |
| 21 | Hand Pump | Application of pressure to pump water. Pressure- volume relation. | 1 | No. | 8,200 | 8,200 |
| 22 | Anamorph | Perspective, Viewpoints Illusion and Graphical projection | 1 | No. | 7,800 | 7,800 |
| 23 | Floating Magnets | Properties of magnet. Attraction in opposite poles and repulsion in like poles | 1 | No. | 7,600 | 7,600 |
| 24 | Magnetic Field Tube & Immiscible Fluid | Magnetic field and properties of magnets. Density of liquid | 1 | No. | 7,300 | 7,300 |
| 25 | Moment of inertia | Moment of inertia Rotational inertia. Distribution of mass. | 1 | No. | 8,410 | 8,410 |
| 26 | Lazy Tube | Magnetic Field and Forces, Eddy current, Lenz Law. | 1 | No. | 6,050 | 6,050 |
| 27 | Hyperbola | Conic sections. Shape of hyperbola. | 1 | No. | 7,230 | 7,230 |
| 28 | Magnetic effect of electric current | Magnetism Magnetic effects of electric current. Compass deflection. Oesterd's experiment | 1 | No. | 7,820 | 7,820 |
| 29 | Pythagoras Model & Moire Pattern | Pythagoras theorem and Interference of Light | 1 | No. | 7,820 | 7,820 |
| 30 | Elliptical Carrom Board | Conic sections. Properties of ellipse. | 1 | No. | 6,050 | 6,050 |
| 31 | Two Congruent Right Triangles | Comparison of area of different geometric shapes. Congruent shapes. | 1 | No. | 4,280 | 4,280 |
| 32 | Area of a Circle | Simple illustration of derivation of area of circle | 1 | No. | 6,050 | 6,050 |
| 33 | $(a+b)^2 = a^2 + 2ab + b^2$ | Geometric illustration of basic algebraic identity. | 1 | No. | 6,050 | 6,050 |



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न्यूक्लियर पॉवर कॉर्पोरेशन ऑफ इण्डिया लि/ NPCIL

| | | | | | | |
|----|--------------------------------|--|---|-----|-------|-------|
| 52 | Newton's Cradle | Conservation of energy, conservation of momentum and friction. | 1 | No. | 9,300 | 9,300 |
| 53 | Reflection Transmission | Application of laws of reflection. Reflection and Transmission of light. | 1 | No. | 7,300 | 7,300 |
| 54 | Hand Battery | Electric potential difference. Electric battery. Chemical effect of electric current | 1 | No. | 8,000 | 8,000 |
| 55 | Day and Night | Cycle of day and night on earth. Shadows. Seasons, angle of tilt. | 1 | No. | 7,650 | 7,650 |
| 56 | Cone Run Uphill | Centre of mass. Gravity pulls on the centre of mass of objects. | 1 | No. | 9,600 | 9,600 |
| 57 | Tower Of Pisa | Center of mass. Centre of gravity. Gravitation. Stability of structure. | 1 | No. | 6,100 | 6,100 |
| 58 | Lever | Simple Machines Lever. Type of lever. | 1 | No. | 9,300 | 9,300 |
| 59 | Pulley Block | Pulley- simple machine. Combination of pulley. Mechanical Advantage. | 1 | No. | 8,100 | 8,100 |
| 60 | Wheel and Axle | How it is easy to rotate wheel when force is applied at a point distant from center. | 1 | No. | 7,600 | 7,600 |
| 61 | Heat Absorption | Black Body, Heat Absorption and Reflection, Colour Temperature | 1 | No. | 9,300 | 9,300 |
| 62 | Conductors and Insulators | Electrical conductivity Types of conductor and insulator | 1 | No. | 9,500 | 9,500 |
| 63 | Viscosity Tube | Buoyancy. Viscosity. Density | 1 | No. | 9,700 | 9,700 |
| 64 | Rock Minerals and | Different types of rock and mineral samples. Difference between them. | 1 | No. | 5,280 | 5,280 |
| 65 | DNA | Double helix structure of DNA. A-Tand G-C pairs. | 1 | No. | 8,300 | 8,300 |
| 66 | Lateral Shift | Refraction of light, deviation in path. | 1 | No. | 7,300 | 7,300 |
| 67 | Force & types of friction | Friction, speed due to surface texture. Rolling Friction. | 1 | No. | 4,280 | 4,280 |
| 68 | Funny mirrors | Distorted mirror. Convex and concave mirrors | 1 | No. | 4,380 | 4,380 |
| 69 | Marble Slide | Conservation of momentum. | 1 | No. | 6,050 | 6,050 |
| 70 | Resonance | Frequency and length of object, resonating frequency. | 1 | No. | 6,050 | 6,050 |
| 71 | Centrifuge Puzzle | Centripetal and Centrifugal force. | 1 | No. | 6,050 | 6,050 |
| 72 | Area of Trapezium | Area of trapezium using parallelogram | 1 | No. | 4,280 | 4,280 |
| 73 | Sum of angles of Quadrilateral | Sum of angles of Quadrilateral Complete angle | 1 | No. | 6,050 | 6,050 |
| 74 | $(A+B)^2 - (A-B)^2$ 4AB | Geometric illustration of basic algebraic identity. | 1 | No. | 7,300 | 7,300 |



| | | | | | | |
|----|----------------------------|---|---|-----|--------|-----------------|
| 75 | Electric bell | Electric Circuit, Electromagnet and magnetic effects of current | 1 | No. | 6,050 | 6,050 |
| 76 | Human Torso | Human Body Anatomy Organs Functions of Body parts | 1 | No. | 6,100 | 6,100 |
| 77 | Ear & Eye | Sense organs Functions of body parts Vision Hearing | 1 | No. | 9,650 | 9,650 |
| 78 | Human Joints | Types of joint In human body Bones and ligaments | 1 | No. | 10,100 | 10,100 |
| 79 | Plant Cell | Eukaryotic cells Difference between cells Parts of cell | 1 | No. | 11,750 | 11,750 |
| 80 | Animal Cell | Difference between cells, Parts of cell | 1 | No. | 8,700 | 8,700 |
| 81 | TRAINING OF TEACHERS | Total - 2 visits | 2 | No. | 17,500 | 35,000 |
| 82 | INFRASTRUCTURE | MDF Board (2 ft width) 45 pcs Iron Brackets 5 pcs Electric Casing Switch and Socket 20pcs each 10 pcs socket box Wodden Bit 14 pcs of 7.5 ft Steel wall nails (2kg) Red & Black Wire 40 mtr Each 1 MCB 100 pcs Screw (1inch) | 1 | No. | 66,182 | 66,182 |
| 83 | Base line & Endline Survey | | 1 | No. | 35,000 | 35,000 |
| | Total | | | | | 7,31,352 |

(i) EdCIL shall execute the above projects on Trunked basis Teacher's training that include baseline & endline survey etc.

(ii) To organize reports/analytics/ improvements etc. on NPCIL's CSR activities by EdCIL for This CSR projects.

c) Scope of Work for Astronomy Labs

Astronomy Labs proposed numbers have been given below. Name of the identified schools will be approved by GHAVP, NPCIL where the projects of will be executed.

| S.No | Proposed Intervention | Proposed Nos. of Projects |
|------|-----------------------|---------------------------|
| 1 | Astronomy Labs | 04 nos. |

The list of Models & their prices are mentioned below:



हृदयेश कुमार निगोलिया Hredayesh Kumar Nigolia
मुख्य अभियन्ता (सिविल- एनएनबी) Chief Engineer (Civil-NNB)
गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
न्यूक्लियर पावर कॉर्पोरेशन ऑफ इण्डिया लि0/NPCIL

| Astronomy Lab | | | | | | |
|---------------|---|---|-----|------|-----------------------|---------------------------------------|
| S. No | Name of Items | Specification | Qty | Unit | Rate/unit (in Rs.) | Amount (Exclusive of Tax) (Rs.) |
| A | Astronomy Lab Models | | | | | |
| 1 | Astronaut fibre model of 5' height | Fibre and wooden base | 1 | No. | 61,710 | 61,710 |
| 2 | Interior of the Sun model | Fibre and wooden base | 1 | No. | 11,688 | 11,688 |
| 3 | Illuminated Earth model | Fibre and wooden base | 1 | No. | 11,688 | 11,688 |
| 4 | Glowing Moon model | Fibre, print, light and wooden base | 1 | No. | 12,155 | 12,155 |
| 5 | Mars 3 D globe | Globe, print and acrylic structure-base | 1 | No. | 11,220 | 11,220 |
| 6 | How eclipses occur ? Model | Balls, print, motor, on-off button, acrylic/wooden base | 1 | No. | 7,480 | 7,480 |
| 7 | Annular and Total Solar Eclipse model | Acrylic structure, motor, base, on-off button | 1 | No. | 8,883 | 8,883 |
| 8 | Celestial globe model | Globe, acrylic base Print | 1 | No. | 8,415 | 8,415 |
| 9 | illuminated Sky globe model | Globe, light, print, acrylic base | 1 | No. | 8,883 | 8,883 |
| 10 | Celestial coordinates model | Fibre, acrylic base and print | 1 | No. | 7,480 | 7,480 |
| 11 | Wall mounted Tarangan (Planisphere) model | Fibre, acrylic base and print | 1 | No. | 10,753 | 10,753 |
| 12 | Sun's path model | Acrylic structure, base and print | 1 | No. | 12,155 | 12,155 |
| 13 | Ray diagram of Newtonian telescope model | Acrylic structure, base and print | 1 | No. | 12,623 | 12,623 |
| 14 | Parallax mehtod of star distance model | Acrylic structure, base and print | 1 | No. | 8,883 | 8,883 |
| 15 | Dispersion of light model | Acrylic; glass and laser | 1 | No. | 10,753 | 10,753 |

| | | | | | | |
|-------|--|--|----|-----|----------|----------|
| 31 | Star projection 5 number @ 300 | | 5 | No. | 1,029 | 5,143 |
| 32 | Astrolabe 20 number @ 240 | | 20 | No. | 1,403 | 28,050 |
| 33 | Star chart Northern and Southern hemisphere 10 number @ Rs 100 | | 10 | No. | 935 | 9,350 |
| 34 | Books on Astronomy | | 2 | No. | 935 | 1,870 |
| 35 | Tab | | 1 | No. | 4,675 | 4,675 |
| C | Transportation & Installation | Transportation of goods, conveyence of staff & installation of lab | 1 | No. | 51,425 | 51,425 |
| D | Backgrounds | Wall and Roof wallpapers and other wall finishing work (depends on size of hall) | 1 | No. | 1,40,250 | 1,40,250 |
| E | Training | Orientation of the project to the teachers | 1 | No. | 70,125 | 70,125 |
| F | Infrastructure | Table Platform, electrical points & wiring | 1 | No. | 1,87,000 | 1,87,000 |
| G | Base line & Endline Survey | | 1 | No. | 46,750 | 46,750 |
| Total | | | | | | 9,91,100 |

(i) EdCIL shall execute the above projects on Trunk basis Teacher's training, baseline & endline survey etc.

(ii) To organize reports/analytics/ improvements etc. on NPCIL's CSR activities by EdCIL for This CSR projects.

4. Projects Cost

| SUMMARY OF PROJECTS GHAVP, NPCIL | | | | | | | |
|----------------------------------|------------|------|-----------|---------------------|--|----------------------|-------------|
| Sl. | Particular | Nos. | Unit Cost | EdCIL's mark up @5% | GST (18%) on Unit cost + Edcil mark up | Total Per unit (Rs.) | Total (Rs.) |



हृदयेश कुमार निगोलिया Hridayesh Kumar Nigolia
 मुख्य अभियन्ता (सिविल- एनएनबी) Chief Engineer (Civil-NNB)
 गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
 न्यूविलयर पॉवर कॉर्पोरेशन ऑफ इण्डिया लि0/NPCIL

| | | | | | | | |
|---|--------------------|----|----------|-----------|-------------|-------------|-----------------------|
| 1 | STEM (80 Models) | 11 | 7,31,352 | 36,568.60 | 1,38,225.53 | 9,06,145.13 | 99,67,596.41 |
| 2 | BaLA Program | 14 | 2,48,691 | 12434.55 | 47002.60 | 308128.15 | 43,13,794.09 |
| 3 | Astronomy Lab | 4 | 9,91,100 | 49555.00 | 187317.90 | 1227972.90 | 49,11,891.60 |
| | Total | | | | | | 1,91,93,282.09 |
| 4 | Branding Cost* | 40 | 3,500 | 175 | 662 | 4,337 | 1,73,460 |
| 5 | Inverter/UPS 2 KVA | 15 | 33,500 | 1,675 | 6,332 | 41,507 | 6,22,598 |
| | | | | | | | 1,99,89,345 |
| *Branding of NPCIL shall be done by using SS plate with engraving letters, 15*12 Inch SS plate. | | | | | | | |

Note:

1. Specification of Branding shall be as follow: SS plate with engraving letters, 15*12 Inch SS plate.
2. For Phase -2 EdCIL & NPCIL shall mutually discuss and finalize the requirements and shall sign separate MOU as per the need.
3. Final amount derived after rounding off up to two decimal points.

5. Stages of Payment: Refer Guiding MoU (between NPCIL, Mumbai & EdCIL) clause no. 1. The payment terms & stages shall be regulated project wise (mentioned under clause 3 sub-clause a, b & c) i.e BALA project as per 3(a), Stem Lab(80 Model) as per 3(b), Astronomy Lab as per 3(c) as follows:

| Stage No. | Stage Payments to EdCIL | Percentage of EdCIL Payment |
|-----------|---|---|
| 1 | After signing of MoU/award of Project | 20% (advance for Goods portion only). |
| 2 | On issuance of Purchase Order/LOA to suppliers by EdCIL (advance). | 30% (advance for Goods portion only). |
| 3 | On supply of items/completion of structure at project site (refer note ii below) | 35% (GST invoice of 100% value billing will be made at this stage, adjusting advance paid at stage 1 & 2 and 15% for stage 4&5 will be withheld) |
| 4 | On installation & commissioning of supply items/Handing over of site (refer note iii below) | 10% |
| 5 | On completion of warranty period/Defect Liability Period | 5% |

Note:

- i) For stage 1&2, the payment shall be calculated on the basis of estimated cost of supply of Goods portion only and shall be released on submission of demand note.
- ii) For stage no. 3, payment shall be made on submission of EIC Certificate for the work done with GST invoice along with Annexure A. While making stage -3 payment, the 50 % advance paid at stage 1 & stage 2 will be adjusted along with withholding amount as per stage 4&5 payment.
- iii) For stage 4, payment shall be released on the submission of EIC Certificate for handing over of site.
- iv) Total cost means the cost arrived after tender process by EdCIL for selection of supplier including EdCIL Charges limited to the above estimated cost.



हृदयेश कुमार निगोतिया Hridayesh Kumar Nigotia
मुख्य अभियन्ता (सिविल- एनएनबी) Chief Engineer (Civil-NNB)
गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
न्यूक्लियर पॉवर कॉर्पोरेशन ऑफ इण्डिया लि0/NPCIL

- v) The payment as per stages indicated above will be released to EdCIL within 15 days of submission of EdCIL invoice/Demand Letter in order to complete the project on time.

6. Insurance policies as applicable will be ensured by EdCIL while making contract with the third agency.

7. Timeline of the Project:

As per Clause No.3 of the guiding MoU dtd 07.06.2023 shall prevail which is given hereunder:

| S. No. | Particular | Timeline |
|--------|---|----------|
| (i) | Signing of Agreement/MoU between EdCIL & GHAVP, | D* |
| (II) | First Meeting at Head Office with NPCIL Unit, CSR Head | D+7 |
| (iii) | Visit to Location/Units for assessment of theme & CSR Activities | D+25 |
| (IV) | Submission of Base Line Survey Report including detailed specifications pertaining to the activity & estimated amount against each head/sector. | D+60 |
| (v) | Submission of report to Site Level Committee at NPCIL Site for review & approval | D+90 |
| (vi) | Calling of tenders & finalization of agency | D+110 |
| (vii) | Implementation of CSR activities | D+170 |
| (viii) | Closure of CSR activities and submission of report by EdCIL, inauguration/social media coverage. | D+180 |
| | | |

D*: Shall indicate the Date of signing of MOU.

8. OBLIGATIONS OF GHAVP

Following obligations of **GHAVP** are felt necessary for successful execution of the projects:

- GHAVP** will appoint a Nodal person for co-ordination with EdCIL for smooth Execution of projects.
- Whenever required **GHAVP** will approve the deliverables for proceeding for next stage.
- GHAVP** / Beneficiary Schools to provide suitable sites (physical space) for storage of equipment / items at the time of execution.
- GHAVP** / Beneficiary Schools to issue necessary certificate / forms for delivery & installation of equipment/ items.

9. GENERAL

9.1 Termination and Breach of Agreement

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 6.1.

9.2 Amendment to Breach of Agreement

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 6.2.

9.3 Settlement of Disputes/Arbitration

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 6.3.

9.4 Applicability of Law



Hredayesh Kumar Nigotia
मुख्य अभियन्ता (सिविल- एनएनवी) Chief Engineer (Civil-NNV)
गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
न्यूक्लियर पावर कॉर्पोरेशन ऑफ इण्डिया लि0/NPCIL

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 6.4.

9.5 Language

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 6.5.

9.6 FORCE MAJEURE

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 7.

9.7 JURISDICTION

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 8.

9.8 PERFORMANCE GUARANTEE

Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 9.

10. EFFECTIVENESS AND DURATION OF AGREEMENT

10.1 Refer MoU (between NPCIL, Mumbai and EdCIL) clause no. 10.

IN WITNESS WHEREOF the parties hereto have executed these presents on the day, month and year first above written.

Deendur
28/01/25

Name: *DEEESH BABU-M.S*
Designation: *EDCIL (E&S & EPS)*
Seal:



For and on Behalf of

EdCIL (India) Limited,
[A Government of India Enterprise]

H.K. Nigotia
28/01/2025

Name: *H.K. NIGOTIA*
Designation: *CE (CIVIL - NNB)*
Seal:

हृदयेश कुमार निगोतिया Hredayesh Kumar Nigotia
For and on Behalf of *(निगोतिया - एनएनबी) Chief Engineer (Civil-NNB)*
गोरखपुर हरियाणा अणु विद्युत परियोजना/GHAVP
न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लि./NPCIL
Gorakhpur Haryana Anu Vidyut Pariyojana
(GHAVP), Nuclear Power Corporation of India
Limited, Gorakhpur, Haryana

Amir
28/01/25
Witnessed by:

Witnessed by:

Atul
28/01/25

Sheep
28/01/25
Witnessed by:

Witnessed by:

32
28/1/25

Enclosures:

(1) (Guiding) MoU (between NPCIL, Mumbai and EdCIL) dt. 07.06.2023;