Rajiv Gandhi Science and Technology Commission Government of Maharashtra

No. RGSTC/File-2016/SIAC- 4/CR-11, Mantralya, 7th floor, Madam Cama Road. Hutatma Rajguru Chowk, Tel: No. 022-22024755/22024711 E-mail:rgstcmaha@rediffmail.com Dated:- 17th May, 2016.

Sanction Order

Sub :- Setting up "Science and Innovation Activity Centre" at Rayat Shikshan Sanstha, Satara.

A STATE OF THE STA Ref:- 1) Proposal dated 11:08.2015, received from Rayat Shikshan Sanstha, Satara.

2) RGSTC Project Appraisal Committee Meeting on 6th November, 2015.

3) MoU signed on 22.02.2016 between RGSTC, NCSM, HBCSE and RSSS. 4) RGSTC's Sanction Order of even number dated 26th February, 2016.

5) Letter dated 10th May, 2016 received from Dr. Ganesh Thakur, Secretary, Rayat Shikshan Santha, Satara.

Rajiv Gandhi Science and Technology Commission has launched a Scheme "Science Innovation Activity Centres" for implementation at suitable educational institutions that are ready to take full responsibility of operating such centres on a long term and sustainable basis. These Centres would not only cater to the students of the host institutions but would also cater to the students of the schools in the region. Based on the extensive interaction and the spadework done for the scheme, the Rajiv Gandhi Science and Technology Commission has now signed a Memorandum of Understanding with Rayat Shikshan Sanstha, Satara, for setting up Science and Innovation Activity Centre at its Campus at Satara, The estimated cost of the project is Rs. 2.50 crore out of which the Rajiv Gandhi Science and Technology Commission would provide 75% and the host institution would provide 25%. The host institution would also provide land and infrastructural facilities as specified in the scheme and also take the responsibility of operating the Centre on a sustainable basis.

The project is to be implemented by the National Council for Science Museums, Goyt of India, Kolkata, on a turnkey basis. A Memorandum of Understanding to this effect is already signed on 24th February, 2016 with NCSM and the Homi Bhabha Centre for Science Education, Mambai. Accordingly, for setting up Science and Innovation Activity Centre at the Campus of Baylay8111Kshan Saristha, an amount of Rs. 93,75,000/- (Rs. Ninety Three Lakhs Seventy Five Thousand Only) was sanctioned and released as the first instalment (which is 50% of RGSTC share of Rs. 1,87,50,000/-) to National Council for Science Museums, Kolkata. Rayat Shikshan REVAL SURSHING TWO Inousand Only) (which is 50% of institute share of Rs. 62,50,000/-) to NCSM, SATAROKata, as the first instalment. Rayat Shikshan Sanstha has accordingly sent an amount of Rs. 31.25 lakhs (Rs Thirteen One Lakhs Twenty Five Thousand Only) under its letter dated 10th May, 16 16 The Commission for onwards transmission to the National Council for Science Musuems for implementation of the project. ARD

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- 3. Considering the details of the scheme, MoUs signed with NCSM, Kolkata, HBSCE, Mumbai and Rayat Shikshan Sanstha, Satara and Sanction Order dated 26th February, 2016. Rajiv Gandhi Science and Technology Commission is pleased to sanction and release an amount of Rs. 31.25 lakhs (Rs. Thirty One Lakhs and Twenty Five Thousand Only) as the first instalment of Rayat Shikshan Sanstha, Satara, to the National Council for Science Museums, Kolkata, for implementation of the project. The amount of Rs. 31.25 lakhs (Thirty One Lakhs Twenty Five Thousand Only) should be credited to the NCSM SB Account No. 1642010000000491 at Indian Overseas Bank, Sector-V, Salt Lake, Kolkata, IFSC Code-IOBA 0001642. NCSM should acknowledge receipt of the amount immediately.
- The NCSM should provide periodic progress report and Utilization Certificate to enable the Commission to complete the reviewing process.

Halean

(V. P. Kulkarni)
Senior Administrative and Finance Officer.

Copy forwarded with compliments for information and necessary action to:-

 Director General, National Council for Science Museums, Sector-V, Block GN, Vidhan Nagar, Kolkata – 700 091.

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- Secretary, National Council for Science Museums, Sector-V, Block GN, Vidhan Nagar, Kolkata – 700 091.
- 3) Director, Nehru Science Centre, Dr. E-Moses Road, Worli, Mumbai 400 018.
- Secretary, Rayat Shikshan Sanstha, Karmaveer Samadhi Parisar, Near Powai Naka, Satara — 415 001...
- Director, Homi Bhabha Centre for Science Education, V. N. Purav Marg, Mankhurd, Mumbai – 400 088.
- 6) Sr. Administrative and Finance Officer and DDO, RGSTC.

7) Select file, RGSTC.

Copy for information to:-

8) Chairman, ROSTC.

9) Principal Secretary (IT and S&T).

Rajiv Gandhi Science and Technology Commission Government of Maharashtra

No. RGSTC/File-2016/SIAC- 4/CR-11, Mantralya, 7th floor, Hutatma Rajguru Chowk, Madam Cama Road, Mumbai – 400 032. Tel: No. 022-22024755/22024711 E-mail:rgstcmaha@rediffmail.com Dated: 26th February, 2016.

Sanction Order

Sub: - Setting up "Science and Innovation Activity Centre" at Rayat Shikshan Sanstha, Satara.

Ref:- 1) Proposal dated 11.08.2015, received from Rayat Shikshan Sanstha, Satara.

2) RGSTC Project Appraisal Committee Meeting on 6th November, 2015.

3) MoU signed on 24.02.2016 between RGSTC, HBCSE and RSS.

Creation of Scientific temper in the people is an important element of the National Science Policy. While the formal education system looks after the science education and curriculum improvements are routinely attempted at all levels, a need is recognized for non-formal and activity linked science education. Those who wish to learn more need to be provided facilities such as resource material and guidance. This would help in stimulating innovative skills and entrepreneurial talent.

- 2. To encourage these much needed complementary activities, Rajiv Gandhi Science and Technology Commission has launched a Scheme "Science and Innovation Activity Centres" for implementation at suitable educational institutions that are ready to take full responsibility of operating such centres on a long term and sustainable basis. These Centres would not only cater to the students of the host institutions but would also cater to the students of other schools in the adjacent region.
- 3. Based on the extensive interaction and the spadework done for the scheme, Rajiv Gandhi Science and Technology Commission has now signed a Memorandum of Understanding with the Rayat Shikshan Sanstha, Satara, for setting up of Science and Innovation Activity Centre at its Campus at Satara. The estimated cost of the project is Rs. 2.50 crores, out of which Rajiv Gandhi Science and Technology Commission would provide 75% and the host institution would provide 25%. The host institution would also provide land and infrastructural facilities as specified in the scheme and also take the responsibility of operating the Centre on a long term and sustainable basis.
- 4. The project is to be implemented by the National Council for Science Museums NCSM, RAYAT SHIKSHING With NCSM and Homi Bhabha Centre for Science Education, Mumbai.

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- 5. Rajiv Gandhi Science and Technology Commission is, therefore, pleased to sanction setting up of Science and Innovation Activity Centre at the campus of Rayat Shikshan Sanstha, Satara as specified in the scheme and the MoU and release an amount of Rs. 93,75,000/- (Rs. Ninety Three Lakhs Seventy Five Thousand Only) as the first instalment (which is 50% of RGSTC share of Rs.1,87,50,000/-) to National Council for Science Museums, Kolkata, for implementation of the project. Rayat Shikshan Sanstha shall also release, through RGSTC, its share of Rs. 31,25,000/- (Rs. Thirty One Lakhs Twenty Five Thousand Only) (which is 50% institute share of Rs. 62,50,000/-) to NCSM, Kolkata, as the first instalment. The work plan should be finalised immediately to initiate implementation of the project. The amount of Rs. 93,75,000/- (Rs. Ninety Three Lakhs Seventy Five Thousand Only) shall be transferred directly to NCSM Bank A/C with Indian Overseas Bank, Sector-V, Salt Lake, Kolkata. NCSM is requested to acknowledge receipt of the payment immediately.
- 6. The progress of implementation would be monitored by a Monitoring Committee to be constituted by the Commission. The Committee would be serviced by the National Council for Science Museums. A separate order to this effect would be issued shortly. The NCSM should provide periodic progress report and Utilization Certificate to enable the Commission to complete the reviewing process.

(V.P. Kulkarni) Sr. Administrative and Finance Officer

Copy forwarded with compliments for information and necessary action to:-

 Director General, National Council for Science Museums, Sector-V, Block GN, Vidhan Nagar, Kolkata – 700 091.

 Secretary, National Council for Science Museums, Sector-V, Block GN, Vidhan Nagar, Kolkata – 700 091.

3) Director, Nehru Science Centre, Dr. E-Moses Road, Worli, Mumbai - 400 018.

4) Secretary, Rayat Shikshan Sanstha, Karmaveer Samadhi Parisar, Near Powai Naka, Satara - 415 001.

- Director, Homi Bhabha Centre for Science Education, V. N. Porav Marg, Mankhurd, Mumbai – 400 088.
- 6) SAFO and DDO, RGSTC.

7) Select file, RGSTC.

Copy for information to:-

8) Chairman, RGSTC.

9) Principal Secretary (IT and S&T).

Memorandum of Understanding Between

Rajiv Gandhi Science and Technology Commission (RGSTC)

and

Homi Bhabha Centre for Science Education (HBCSE) and Rayat Shikshan Sanstha (RSS)

for setting up of "Science and Innovation Activity Centre" at Satara, Maharashtra

Rajiv Gandhi Science and Technology Commission (RGSTC) is a statutory body set up by Govt. of Maharashtra under Maharashtra Act No.XV2004, having its registered office at Mantralaya, 7th floor, Madam Cama Road, Mumbai- 400032.RGSTC is mandated for advancement, propagation and promotion of applications of Science & Technology for benefit of the people.

AND

National Council of Science Museums (NCSM), a non-profit making autonomous body registered under the West Bengal Societies Registration Act XXVI of 1961 and functioning under the Ministry of Culture, Govt. of India, having its office at 33, Block-GN, Sector-V, Bidhan Nagar, Kolkata-91. The NCSM is dedicated to serve the society by popularizing and enhancing public understanding of science and technology through interactive and user friendly exhibits, plethora of activities both in rural and urban area thereby creating the scientific temper.

AND

Homi Bhabha Centre for Science Education (HBCSE) being a Centre of the Tata Institute of Fundamental Research (TIFR), an autonomous institute fully funded by the Department of Atomic Energy, Government of India, with its campus located at V. N. Purav Marg, Mankhurd, Mumbai - 400 088. HBCSE is concerned with research and development in science, mathematics and technology education at the school level, teacher orientation, science popularization and the National Initiative on Undergraduate Science. HBCSE is the country's nodal centre for Olympiads in mathematics, physics, chemistry, biology, astronomy and junior science.

AND

Rayat Shikshan Sanstha (RSS) being a Society registered under the Society's Registration Act 1860 and also under the Bombay Public Trust Act 1950. RSS is the largest educational Institution in the State of Maharashtra, it has 709 branches covering 42 Colleges, 438 Secondary Schools, 08 Training Colleges, 41 Primary Schools (English medium-19), 28 Pre-primary Schools (English medium-18), 78 Cosmopolitan Hostels, 07 Administrative Offices, 08 Ashramshalas, and 59 Ancillary Branches. Sanstha basically works for upliftment of educational standard of downtroddens in 15 districts of Maharashtra and one district of Karnataka. There are 14990 employees working in the Sanstha and 4 lakh 59 thousand students studying every year. The statistics speak of the phenomenal progress and achievement of the Rayat Shikshan Sanstha as dreamt by the Karmaveer. It's registered office is located at Karmveer Samadhi Parisar, Near Powai Naka, Satara – 415 001.

WHEREAS RGSTC has launched a scheme "Assistance for Science and Innovation Activity Centres" (SIAC) in Secondary Schools, on cost sharing basis in Maharashtra under certain terms and conditions. The Scheme is annexed to this MOU.

AND WHEREAS, being aware of its expertise, experience and capabilities in the field of development of such facilities, the RGSTC approached NCSM for undertaking planning and implementation of the said SIAC as conceptualized in the Scheme,

AND WHEREAS, NCSM having found the initiative of RGSTC in conformity with its objectives, has agreed to extend its expertise and support to RGSTC for the project of establishment of SIAC at an estimated cost of Rs.250.00 lakh for each such SIAC consisting of the following:

- An interactive science museum for students and general public
- B. Periodic science exhibitions, science demonstrations, competition, debates, quizzes, painting, seminars, for students and teachers' training
- Facility for innovative experiments (tod-fodjod), thematic projects and science activity camps for students
- Fun Science Gallery
- Temporary Exhibition Hall cum multipurpose hall
- Innovation Hub

Whereas both RGSTC and HBCSE are concerned with propagation of science and technology among school students and in the general population, the three parties have agreed to collaborate in setting up SIAC as conceptualized.

Whereas RGSTC, NCSM and HBCSE have signed a MOU to collaborate in implementation of the Scheme "Assistance for Science and Innovation Activity Centres" (SIAC) at different partnering institutes in Maharashtra.

AND WHEREAS RSS has expressed interest in hosting and supporting a SIAC and has agreed to work in accordance with the RGSTC SIAC scheme.

NOW, THEREFORE, THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AS FOLLOWS:

Responsibilities of RGSTC

- (i) To select Partnering Institute for setting up of SIAC.
- (ii) Toarrange to provide through Partnering Institute the land free of cost and free from all encumbrances for setting up of SIAC.
- (iii) To arrange for necessary approvals of the Plan through Partnering Institute for construction of Building etc.
- (iv) To arrange to provide through Partnering Institute electricity and water required for civil construction, fabrications, installation of exhibits and other necessary works which shall be done by NCSM at site.
- (v) To arrange to provide through Partnering Institute free access to the authorized personnel/contractors engaged by NCSM for construction of the building, commissioning of the project, design and fabrication of exhibits/cabinets whenever required at site as per requirement.
- (vi) To nominate a team of experts, on behalf of RGSTC for regular coordination with NCSM. RGSTC, in consultation with NCSM, will conduct joint assessment of the preparations and the works under this MOU for its early completion.
- (vii) If any major changes or modifications in the centre are required by RGSTC/Partnering Institute in the next 5 year period, such work to be done through mutual consultations and the cost to be fully reimbursed by RGSTC/Partnering Institute.
- (viii) To arrange to depute requiredmanpower by the Partnering Institute for day to day operation & upkeep of the equipment/exhibits, demonstrations and gallery guidance for the visitors, cleanliness and security of the exhibits and exhibition and other areas.
- (ix) To arrange to pay (together with Partnering Institute) to NCSM Rs.200.00 lakhs towards Capital Cost in advance in two installments i.e. 50% on signing MOU and the balance 50% within a period of nine months from the date of signing the MOU.
- Service tax or any other statutory duties to be met from the total project cost.
- (xi) Within one month of completion of the project RGSTC/Partnering Instituteto take over the project from NCSM.
- (xii) In the event of any additional or unanticipated cost for any reason, which cannot be attributed to NCSM, arrange to pay the same(together with Partnering Institute) for completion of the project in time.

- (xiii) To ensure that the Partnering Institute shall have the responsibilities as follows:-
- a) to abide by the basic objectives of the Scheme of SIAC. The institution would be the custodian of the SIAC set up for the benefit of students from schools in the neighborhood and general public. Any additional facility created by the institution with its own resources would not change the basic characteristic of the SIAC as visualized in the Scheme.
- to provide minimum 1 hectare of developed land, free of cost and free from all encumbrances for setting up of SIAC at its Secondary School or campus.
- c) to obtain statutory clearances and approvals required from the local authorities for construction of building.
- d) to provide minimum 25% of the project cost to set up the core facility of the SIAC as envisaged under the scheme. Any additional facility created by the institution from its own resources should be complementary in nature and seamlessly linked to the core set up of SIAC.
- to provide all services and logistic support and cooperation to the implementing agencyengaged to set up SIAC on turnkey basis, during planning and implementation of the project.
- to arrange to depute requiredmanpower for day-to-day operation and upkeep of SIAC and its facilities.
- g) to constitute SIAC as a Registered Society for its future operation. SIAC would be managed by the Management Council consisting of representatives as specified in the Scheme.
- to make SIAC facilities available to the students and teachers of the Schools in the neighbouring towns and villages on equitable basis.
- to operate the Centre on sustainable basis in future. The revenue generating model for this purpose should have proper justification.
- in the event of any additional and unforeseen cost for any reason, in implementation of the project, it would be shared proportionately with RGSTC.
- to coordinate with RGSTC for periodic review of SIAC.

Functions of NCSM as indicated in the MOU signed between RGSTC, NCSM and HBCSE:

- Preparation of master plan of building in coordination with Partnering Institute.
- (ii) To take up the civil construction work of the building (area 450 sq.mt. approximately).
- (iii) Development of facility of exhibits, working models, interactive kiosk, equipment, touch screens, graphic panels, Innovation (Tod-Fod-Jod) and display system to portray applications of innovations in education sector.
- (iv) Preparation of layout plan of the display of exhibits in consonance with the objectives of SIAC and finalization of the same in consultation with RGSTC.
- (v) Preparation of a time schedule of activities associated with the development of the centre.
- (vi) Preparation and supply of list of exhibits and equipment with location details to RGSTC.

- (vii) Develop and commission exhibits, working models, interactive kiosks, equipment, graphic panels and display system, illumination, label and signage.
- (viii) Sharing this status of progress of work with the RGSTC from time to time for smooth and timely execution of the SIAC projects.
- (ix) Providing necessary training to personnel employed/deployed by the RGSTC/Partnering Institute for running the centre.
- (x) To carry out the work institutionally or through sub-contractors and shall have full freedom for planning, designing, commissioning of exhibits.
- (xi) Procurement and purchase of materials, services, equipment, exhibitsand accessories.
- (xii) Ensuring quality work for development of SIAC.
- (xiii) Completion of the project within 24 months from the date of receipt of the approved Master Plan of the building from Partnering Institute through RGSTC.
- (xiv) Freedom to make re-appropriation of expenditure among the different expenditure components of the SIAC within the overall ceiling of the project cost of Rs.200.00 lakhs for each SIAC.
- (xv) Submission of utilization certificate in the form of GFR 19A for utilization of the amount to RGSTC within three months of completion of the project.
- (xvi) Handing over the SIAC to RGSTC within one month of its completion.

Responsibilities of HBCSE

- (i) Over a span of more than three decades HBCSE has gained insights into the fields of science education at schools level and science popularization. Its enrichment activities leading to Junior Science Olympiad have also offered considerable insights in the nurturance of talent among school students. Using this expertise, HBCSE to offer help and consultancy to RGSTC in developing activities for Science Innovation Activity Centres (SIAC) in the State of Maharashtra.
- (ii) HBCSE would provide guidance to SIAC in developing students' activities, content development, teachers' training and in implementing activities on new developments in science education.

Responsibilities of Rayat Shikshan Sanstha (Partnering Institute)

(i) To abide by the basic objectives of the Scheme of SIAC. The institution would be the custodian of the SIAC set up for the benefit of students from schools in the neighborhood and general public. Any additional facility created by the institution with its own resources would not change the basic characteristic of the SIAC as visualized in the Scheme.

- (ii) To provide minimum 1 hectare of developed land, free of cost and free from all encumbrances for setting up of SIAC at its Secondary School or campus.
- (iii) To obtain all the statutory permission/clearances/approvals from all local bodies/concerned before as well as after completion of the civilwork at site. NCSM would provide all the necessary drawings, details etc. in this regard.
- (iv) To provide round the clock security at site from the date the civil contractor vacates the site after completion of construction based on intimation by NCSM.
- (v) To obtain permanent electricity, power, sewerage connection for SIAC in the institute name at an appropriate time by applying to the concerned authorities, depositing necessary deposits/fees for the same and coordinate with them for site inspections/visits etc. Necessary drawings, details and, documents for the same would be made available by NCSM.
- (vi) To provide minimum 25% of the project cost to set up the core facility of the SIAC as envisaged under the scheme. Any additional facility created by the institution from its own resources should be complementary in nature and seamlessly linked to the core set up of SIAC.
- (vii) To provide all services and logistic support and cooperation to the implementing agency engaged to set up SIAC on turnkey basis, during planning and implementation of the project.
- (viii) To arrange to depute required manpower for day-to-day operation and upkeep of SIAC and its facilities.
- (ix) To constitute SIAC as a Registered Society for its future operation. SIAC would be managed by the Management Council consisting of representatives as specified in the Scheme.
- (x) To make SIAC facilities available to the students and teachers of the Schools in the neighbouring towns and villages on equitable basis.
- (xi) To operate the Centre on sustainable basis in future. The revenue generating model for this purpose should have proper justification.
- (xii) In the event of any additional and unforeseen cost for any reason, in implementation of the project, it would be shared proportionately with RGSTC.
- (xiii) To coordinate with RGSTC for periodic review of SIAC.

Tenure

On a practical assessment of the preparations at site, it is mutually agreed by and between RGSTC, NCSM, HBCSE and Rayat Shikshan Sansthathat development of SIAC under this MOU shall be completed by NCSM within the earliest practical timeframe.

preferably within 2 years from the date of receipt of the approved Master Plan of the building from Partnering Institute, i.e. Rayat Shikshan Sanstha, through RGSTC.

The progress of the project shall be periodically reviewed jointly so as to ensure completion of the project within the time frame.

General

- (i) The relationship between RGSTC, HBCSE and RSS shall be of independent nature. This MOU does not create any agency, company, partnership, joint venture or any other business relationship between RGSTC, HBCSE and RSS.
- (ii) In no event shall any party be liable to any other for any damages without limitation including, direct, speculative, indirect, incidental, special or consequential damages with respect to this MOU.
- (iii) No modification, alternation or insertion shall be made to this MOU unless agreed in writing by RGSTC, HBCSE and RSS.
- (iv) Any party without prior consent of the other parties can't assign this MOU.
- (v) This MOU shall be interpreted and construed in accordance with Indian Laws.
- (vi) RGSTC, NCSM, HBCSEand RSSwill attempt to complete the project in all respects within 24 months after beginning of the work. In case of any disagreement, RGSTC, NCSM, HBCSE and RSSwill try to resolve & settle the issues mutually.

Force Majeure

In the event of any party being rendered unable by Force Majeure to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such Force Majeure shall be suspended for the period during which such cause lasts.

The term "Force Majeure" as mentioned herein, shall mean natural calamities, War, Civil Riots, Fire directly affecting the performance of the Contract, Acts and Regularity of respective government of the three parties namely the RGSTC, HBCSE and RSS.

Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other parties in writing, the beginning of the cause amounting to Force Majeure as also the ending of the said cause by giving notice to the other party within 72 (seventy two) hours of the alleged beginning and ending of the cause respectively.

If performance under this MOU is suspended by Force Majeure conditions lasting for more than 2(two) months, the parties shall have the option of cancelling this MOU in whole or part at its discretion without any liability on its part.

Time for performance of the relative obligation suspended by Force Majeure shall then stand extended by the period for which such cause lasts.

Arbitration

In the event of any dispute or difference relating to or arising from or connected with the MoU such dispute or difference shall be referred to the arbitration under the Arbitration and Conciliation Act 1996. The award of the arbitrator(s) shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of award to appropriate forum, whose decision shall bind the parties finally and conclusively. The parties in the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

In witness whereof the parties have set their hands to this Memorandum of Understanding on the day of February 2016.

For Rayat Shikshan Sanstha, Satara.

Rayat Shikshan Sanstha Education

Witnesses

1) (Dr. B. T. Didhar)

Witnesses

1) Amparantar 24.2.2016

MURBAJ - 400 068. INDIA.

2) ANNUL 2412DIG (Dr. Suthir Kumbhar)

2)

RS Jakonle (R. G. Takwale)

For Rajiv Gandhi Sci. And Tech. Commission
Rajiv Gandhi Science & Tech Commission

Witnesses

1)

French fee 24/2/16

2)

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