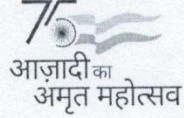


**पी एम श्री केन्द्रीय विद्यालय गार्डन रीच**

शिक्षा मंत्रालय (भारत सरकार) के अधीन  
वी.एन.आर., कापुर पार्क, दक्षिण पूर्व रेलवे कॉलोनी (दक्षिण)  
कोलकाता -700043



**PM SHRI KENDRIYA VIDYALAYA GARDEN REACH**

Min of Education, Govt. of India  
BNR, KAPOOR PARK, SE RLY COLONY(S)  
(033)2439-5009 (033)2439-2444  
KVS, Region Code-06, KVS School Code-1270  
CBSE Affiliation No-2400031, CBSE School No-19220  
Website-www.gardenreach.kvs.ac.in  
Email-kvgardenreach2022@gmail.com



F.1270/PMS/112/KVGRC/2024-25/1342

दिनांक:- 02.09.2024

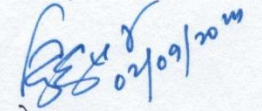
सेवा में,  
उपायुक्त  
केन्द्रीय विद्यालय संगठन  
क्षेत्रीय कार्यालय, कोलकाता -700064

विषय : पीएम श्री योजना के तहत केन्द्रीय विद्यालय में प्रयोगशाला निर्माण के संदर्भ में।  
संदर्भ सं: फ. 25112/PMShri/2024KVS(Kol)/22659-22681 दिनांक 29.08.2024

महोदय,  
उपर्युक्त विषय के संबंध में केवीएस (मु.) के पत्र संख्या दिनांक 20.05.2024 के निर्देशानुसार केन्द्रीय लोक निर्माण विभाग से प्रयोगशाला निर्माण हेतु विस्तृत प्राक्कलन (Detailed Estimate) प्राप्त हुआ है, जो आपके सूचनार्थे तथा आवश्यक कारवाही हेतु प्रेषित है।

धन्यवाद।

भवदीय,

  
(दिव्येन्दु दत्ता)

प्राचार्य

प्राचार्य/Principal

पीएम श्री केन्द्रीय विद्यालय गार्डन रीच  
PM Shri Kendriya Vidyalaya Garden Reach  
कोलकाता/Kolkata-700043

संलग्नक: प्रयोगशाला निर्माण की विस्तृत प्राक्कलन





सत्यमेव जयते

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT,  
OFFICE OF THE EXECUTIVE ENGINEER,  
KOLKATA-I**



**DETAILED ESTIMATE**

**Name of Work** : Construction of one Vocational Lab for Kendriya Vidyalaya, Garden Reach, Kolkata, West Bengal. SH: Civil work & Providing Internal electrical installation i/c fans, LED lights, DBs, service connection cable, etc.

**Cost** : ₹ 22,52,250.00  
(Rupees Twenty-Two Lakh Fifty-Two Thousand Two Hundred and Fifty) Only.

**Zone** : Chief Engineer (Kolkata), CPWD

**Civil Division** : Kolkata – I, CPWD

**Electrical Division** : KCED – II, CPWD

**Time** : 04 (Four) Months





सत्यमेव जयते

**GOVERNMENT OF INDIA  
OFFICE OF THE EXECUTIVE ENGINEER (KOLKATA-I)  
CENTRAL PUBLIC WORKS DEPARTMENT,  
234/4, AJC BOSE ROAD, NIZAMPALACE  
KOLKATA-700020**



State : West Bengal  
Civil Division : Kolkata- I

Branch : B & R  
Elect. Division : KCED-II

**Name of Work** : Construction of one Vocational Lab for Kendriya Vidyalaya, Garden Reach, Kolkata, West Bengal. SH: Civil work & Providing Internal electrical installation i/c fans, LED lights, DBs, service connection cable, etc.

Funds :

Major Head	Minor Head	Detailed Head

This Composite Detailed Estimate framed by Er. Soumen Chandra, Assistant Engineer, Sub-Division-E, KOL-I, CPWD, Kolkata & Er. Rohan Lal Saha, Assistant Engineer (EI)-I, CPWD, Kolkata and recasted by Er. Prakhar Prashant, Executive Engineer, KOL-I, CPWD, Kolkata, Nizam Palace, Kolkata for the probable cost ₹ 22,52,250.00 (Rupees Twenty-Two Lakh Fifty-Two Thousand Two Hundred and Fifty) only i/c 5 % contingencies, 20% Cost index on DSR 2023 items (C).

### REPORT

#### 1.0 History :-

1.1 This Composite Detailed Estimate amounting to ₹ 22,52,250.00 (Rupees Twenty-Two Lakh Fifty-Two Thousand Two Hundred and Fifty) only i/c 5 % contingencies has been framed to cover the probable expenditure of the above mentioned work and to accord Technical Sanction from the Competent Authority.

1.2 The Administrative Approval and Expenditure Sanction for construction of Laboratories under PM Shri Scheme. KVS has sanction ₹ 30 lakh for construction of one vocational lab of size 7x10.6 vide KVS HQ letter No. F.110115/13/2023-KVS(HQ)/(Wk-I)/854 dated: 15.03.2024 & convey by Principal of Kendriya Vidyalaya, Garden Reach, Kolkata vide letter No. 127/112/KVGRC/2023-24/917-191, dated: 20.03.2024.

#### 2.0 Design & Scope :- Following provisions has been made in this estimate :-

##### (Civil Work)

- (i) Brick Work.
- (ii) Steel window.
- (iii) RCC 1:1.5:3
- (iv) Flush door shutters non-decorative type.
- (v) Kota stone flooring.
- (vi) Acrylic Smooth exterior paint.
- (vii) Wall painting with premium acrylic emulsion paint.
- (viii) Sanitary & Water Supply.
- (ix) Roof treatment Grading.

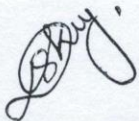
##### (Electrical Work)

- (i) Inter Electrical Installation.
- (ii) Fans & Fittings.

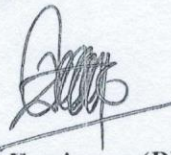


- (iii) MCB DB, Switchgears.
- (iv) LT Cables.
- (v) Earthing, etc.

- 3.0 Specifications : • **For Civil Work :-**  
The Work will be carried out as per CPWD Specification 2019 Vol. I & II with up-to-date correction slips for civil works relevant CPWD General Specification for Earth Work as amended upto date and as per relevant BIS codes.
- **For Electrical work :-**  
(a) CPWD specification for Electrical Works 2013 – Part-I (Internal) & Part-II (External).  
(b) CPWD General Specification for Heating, Ventilation & Air-Conditioning (HVAC) – 2017.  
(c) Part-VI, Fire Detection and Alarm System.  
All the above Specifications are applicable with upto date correction slips & as amended with relevant BIS codes.
- 4.0 Rate : Items are based on Market Rate (EI) & DSR 2023 (C) with up-to-date correction slips enhanced by approved cost Index @ 20%.
- 5.0 Cost : ₹ 22,52,250.00 (Rupees Twenty-Two Lakh Fifty-Two Thousand Two Hundred and Fifty) only.
- 6.0 T & P : Required T & P shall be arranged by the contractor.
- 7.0 W.C. Establishment : Establishment will be meet out from contingencies of the estimate
- 8.0 Land : Available.
- 9.0 Method : By contract after call of tenders.
- 10.0 Time : 04 (Four) Months



Senior Draughtsman  
O/o the Executive Engineer  
(Kolkata-I)



Assistant Engineer (P)  
O/o the Executive Engineer  
(Kolkata-I)



Executive Engineer  
O/o the Executive Engineer  
(Kolkata-I)





**Government of India**  
**O/o the Executive Engineer (Kolkata-I)**  
**CPWD, Nizam Palace, Kolkata - 700020.**



**GENERAL ABSTRACT OF COST**

<b>Name of Work:</b>	<b>Construction of one Vocational Lab for Kendriya Vidyalaya, Garden Reach, Kolkata, West Bengal. SH: Civil work &amp; Providing Internal electrical installation i/c fans, LED lights, DBs, service connection cable, etc.</b>
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<b>Sl. No</b>	<b>SUB-HEAD</b>	<b>SUB - HEAD NAME</b>	<b>TOTAL AMOUNT</b>
1	SH - I	Civil Works (A)	₹ 19,08,917.00
2	SH - II	Electrical Works (B)	₹ 2,36,084.00
<b>Sub - Total (C = A+B)</b>			<b>₹ 21,45,001.00</b>
Add 5% contingencies on (C)			₹ 1,07,250.00
<b>Grand Total</b>			<b>₹ 22,52,251.00</b>
<b>Say Total</b>			<b>₹ 22,52,250.00</b>

<b>Rs. 22,52,250.00</b> <b>(Rupees Twenty-Two Lakh Fifty-Two Thousand Two Hundred and Fifty) Only</b>
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**Senior Draughtsman**

O/o the Executive Engineer (Kolkata-I), CPWD

**Assistant Engineer (P)**

O/o the Executive Engineer (Kolkata-I), CPWD

**Executive Engineer**

O/o the Executive Engineer (Kolkata-I), CPWD