

**OFFICE OF THE PRINCIPAL  
D.R.NAYAPALLI COLLEGE  
BHUBANESWAR**

**Website: <https://drnayapallicollege.in> Email: drnc22@yahoo.com**

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**Letter No: DRNC/ 46 /2026**

**Date: 31.01.2026**

**/To  
The Director,  
Public relation & information (PR&I)  
Govt. of Odisha, Bhubaneswar.**

**Subject:** Advertisement for procurement / installation of Solar power system in D.R.Nayapalli College.

Sir,

In inviting a reference to the subject cited above, the draft for procurement/Installation of Solar power system for sustainable renewable energy of the college is enclosed herewith to be published in two prominent daily news paper i.e, "The Sambad" and "The New Indian Express"(odisha edition) on or before 01.02.2026 consuming minimum space (40 sq.cm) in one insertion only.

After publication of the same, the concerned vendors/suppliers are required to submit relevant bills (including GST) to our office along with advertised newspaper cut piece for necessary payment. The cost of the Advertisement will be borne by the undersigned as per the Govt. rule.

Encl: Draft advertisement for quotation

  
Principal 31-01-2026  
Principal  
D.R. Nayapalli College  
Nayapalli, BBSR, Odisha

**Draft Advertisement:**

**D. R. NAYAPALLI COLLEGE  
BHUBANESWAR.**

**Website:**<https://drnayapallicollege.in>

**Email:** [drnc22@yahoo.com](mailto:drnc22@yahoo.com)

**Letter No:** DRNC/ 47 /2026

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**Office of the principal,  
D.R.Nayapalli College, Bhubaneswar.**

**QUOTATION CALL FOR INSTALLATION OF SOLAR POWER SYSTEM**

Sealed quotations are invited from TPCODL/OREDA empanelled vendors in Bhubaneswar for supplying, testing and commissioning and 5 years comprehensive maintenance contract of roof top solar panel/ solar power system at extension building of the college. The details of the quotation regarding material specifications and terms & conditions of quotation will be available in the college official website-<https://drnayapallicollege.in> from the date of advertisement. The quotation should reach to the undersigned on or before 07.02.2026 by 5 p.m. The undersigned has every right to cancel the quotation without stating reason thereof.

  
**PRINCIPAL** 31.01.2026  
D. R. Nayapalli College  
Nayapalli, BBSR

### **SPECIFICATIONS OF SOLAR PANEL:**

#### **Tata power or Adani Brand**

Sl.No.	Particular	Specification
01	Types of project	1. On grid rooftop 2. Off grid rooftop
02	Capacity	1. 10 kw on grid RSPS 2. 2 kw off grid RSPS
03.	Types of module	Low rising structure, structure with Stainless Steel-304
04.	Wind velocity	Up to 150-200 km/hr for rooftop solar power system
05	Expected CO2 reduction	12.65 tone
06.	Expected life of project	25 years for modules and 5 years for battery & 10 years for inverter
07	Types of solar panel	1.Topcon six-twenty 2. UTL for inverter
08	Work schedule	15-20 days from the date of issue of work order.
09..	Corrective maintenance	As and when needed upon registration of service request with vendor concerned which installed the solar panel.
10.	Types of Module Mounting structure	Ballast Structure for RSPS

  
Principal 31-01-2025  
Principal  
D.R. Nayapalli College  
Nayapalli, BBSR

## Periodic Maintenance Protocol for Solar Power Plants / Packs

Sl. No.	Task	Quarterly	Semi-annual	Annual	Bi-annual
1.	PV Array				
a.	Inspect each PV modules for damage		✓		
b.	Observe PV array with water and remove debris round array.		✓		
c.	Clean array mounting structure, check for loose fasteners, corrosion, broken / damaged concrete footings etc. and take corrective measures, if necessary.		✓		
d.	Inspect array mounting structure, check for loose fasteners, corrosion, broken / damaged concrete footings etc. and take corrective measures, if necessary.		✓		
e.	Check array junction box, all wires and cables and take corrective measures, if necessary.		✓		
f.	Adjust tilt angle, if necessary.		✓		
g.	Check array current & voltage, if required each module current voltage & bypass diode condition.		✓		
h.	Check for any loose contacts in the string connection (+ve/-ve. MC4 connectors).		✓		
2.	PCU		✓		
a.	Check Inverter and/or charge controller for correct settings.		✓		

b.	Check inverter capacity and max. allowable load using dummy load.		✓		
c.	Ventilation fan condition / filter cleaning.		✓		
d.	Check all the parameters (I/P & O/P) as Manufacturer datasheet for any Malfunctioning.		✓		
3.	Protection devices.		✓		
a.	Check for continuity of lightening arrestor		✓		
b.	Check system earthing		✓		
c.	Check all SPDs.		✓		
	Check all bypass / blocking diodes and take corrective measures if necessary.		✓		