



OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER
CUM DISTRICT MISSION DIRECTOR, NHM, NCD CELL, ANGUL
(Department of Health & Family Welfare, Govt. of Odisha)
(npcdcsangul@gmail.com)



Quotation Call Notice No- NCD/ANG/394

.Dt- 11/12/2023

Quotation call notice for: : Energy Auditing, DHH Angul.

Date of quotation call notice: : 11/12/2023

Last date and time of submission of quotation: : 17/12/2023 till 5:00 PM

Date and time of opening of quotation: : 18/12/2023 at 11:00 AM

Sealed quotations are hereby invited from registered Firm/Agency having valid Energy Audit Certificate/license for execute the Energy auditing work, GST Certificate, Pan Copy and submit the details work experience and establishment details for the following scope of work given. Bidders are requested to quote the amount for the entire Hospital energy auditing work **(Including all Taxes & other costs)**.

Scope of work

Following are the indicative list of systems for performance evaluation.

- Electrical Distribution System
- Lighting System
- Heating, Ventilation & Air-Conditioning System (HVAC system)
- Diesel Generator (DG) Sets
- Motor Load Survey
- Energy monitoring & Accounting System

Details scope of study in above areas in view of following points:

- Study of monthly electricity bills / energy consumption pattern and present demand management and providing suggestions for improvement;
- Study of the present metering and monitoring system and providing suggestions for improvement;
- Performance assessment of room-wise/floor wise/area-wise lighting system and suggestions for lighting optimization based on simulation/ room wise lux intensity measurements to optimize lighting load in each room;
- Performance evaluation of Air Conditioning Systems. Performance evaluation of Air Handling unit (AHU). Room wise/ floor wise Load assessment of fan/ventilation systems;
- Motor loading of all motors (Major only) and Identification of improperly loaded motors and suggestions for improvement;
- Performance evaluation of Pumps and suggestions for performance improvement;
- To explore the opportunities for generation of power/heat through Solar Energy (Solar Thermal and Solar PV);
- Identification of techno-economically feasible energy conservation options and vendor information.

Memo No: 395 / **Date:** 11/12/2023 /

Copy to office Notice Board CDM & PHO, Angul & other wings notice board for information and necessary action.

CDM&PHO, Angul

Memo No: 396 / **Date:** 11/12/2023 /

Copy to District NIC, Angul for publication in the district website for wide publication.

CDM&PHO, Angul

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