

Details of Work Assigned to the Gujarat Environment Management Institute (GEMI), Gandhinagar for “Study of CO₂ Emission Estimation and Reduction Strategy under Maritime India Vision 2030” – reg.

Sr. No.	Details of Work Awarded to the Gujarat Environment Management Institute (GEMI), Gandhinagar	Amount	Brief Reason
1	Study of CO ₂ Emission Estimation and Reduction Strategy under Maritime India Vision 2030	Rs.21,00,000/- plus applicable GST (Rupees Twenty-One Lakhs only plus applicable GST) The work order to the GEMI, Gandhinagar issued vide letter no. CivilEngineering/EMC/299/CO2EmissionStudy/2023/310 dated 22/05/2023	To carry out an assessment of CO ₂ emissions (Direct & Indirect) followed by the preparation of reduction strategy in compliance with Maritime India Vision 2030.

DEENDAYAL PORT AUTHORITY
(Erstwhile: DEENDAYAL PORT TRUST)



www.deendayalport.gov.in

ISO 9001-2015 &
ISO 14001-2015 Certified Port

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Civil Engineering/EMC/299/CO2EmissionStudy/2023/310

Dated: 22/05/2023

To,
The Gujarat Environment Management Institute (GEMI),
(An Autonomous Institute of Government of Gujarat)
GEMI Bhavan, 246-247, GIDC Electronic Estate, Sector-25,
Gandhinagar-382025
Tel: (+91) 79-23240964
E-mail: info-gemi@gujarat.gov.in
Website: www.gemi.gujarat.gov.in

Kind Attention: Nitasha Khatri, Sr. Scientific Officer & Lab Head, GEMI, Gandhinagar

Sub: Study of CO₂ Emission Estimation and Reduction Strategy under Maritime India Vision 2030 - reg.

Ref.: Proposal submitted by GEMI, Gujarat vide letter no. GEMI/38/(32)(6/941/2023-24) dated 01/05/2023

Sir,

Your proposal for the subject work submitted vide above referred letter dated 01/05/2023 (**copy attached - Annexure A**) amounting to Rs. 21, 00,000 plus 18% GST (Rupees Twenty One Lakhs plus 18 % GST only), including all terms & conditions mentioned in the proposal, has been accepted by the competent authority in Deendayal Port Authority.

2. Scope of work: The scope of work is as follows:

A. Assessment of CO₂ Emissions

1. Prepare inventory for carbon emissions from all DPA operations (both direct and indirect emissions).
2. Fix operational and organization boundaries.
3. Formulate policy on CO₂ emissions, carbon quantification and prepare database.
4. The assessment should be done in accordance with globally acceptable norms and guidelines.
5. Types of emissions to be incorporated and quantified:

a) Direct or scope 1 emissions: The direct emissions from owned or controlled sources either of the DPA's own operations or of the port operators. Emissions from the day-to-day processes from the combustion of fuel.

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- b) In-direct or scope 2 emissions: The indirect emissions from the generation of purchased electricity, steam, heating and cooling consumed by the DPA or port operators. This is generally an emission outside the port boundary.

B. Preparation of CO₂ Reduction Strategy

1. Identify green initiatives (renewable sources, shift to cleaner fuels, greenbelt development) regarding aspects which are primarily managed by DPA.
2. Phase-wise plan to reduce CO₂ Emissions in order to achieve the targets.
3. Training and capacity building of staff and stakeholders to aid in the reduction and transition.
4. Design an Energy / Environment policy on emissions reduction.
5. Carry out internal audit training and auditing

3. Terms of Payments:

S. No.	Particulars	Rate
1.	Upon submission of the Draft Project Report (50% of the contract value)	10,50,000 + 18% GST
2.	Upon submission of the Final Report after incorporating client's suggestions (if any) (Remaining 50% of the contract value)	10,50,000 + 18% GST

Payment shall be released after successful completion of the above tasks.

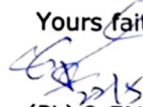
4. Deliverables: Final report in line with the agreed scope in 3 hard copies and soft copy.

5. Time Schedule: 12 months from the date of issue of Work Order.

6. Kindly send acknowledgment of this work order.

Thanking you.

Yours faithfully,


Superintending Engineer (PL) & EMC (I/c)
Deendayal Port Authority