

SURVEY ON INCORPORATING SUSTAINABLE PROCUREMENT PRACTICES IN THE SRI LANKAN CONSTRUCTION INDUSTRY: CHALLENGES AND BENEFITS

Thank you for agreeing to participate in this survey. The purpose of the survey is to assess the current status of incorporating environmental, social and economic sustainable procurement factors in the construction industry of Sri Lanka. The survey should take approximately 20 minutes to complete. There is a section at the end of the questionnaire to leave any additional comments. All information received in this questionnaire will be used for educational purposes and treated in strictest confidence.

* Required

1. Your company (optional)

SECTION A : PROCUREMENT PERSONNEL INFORMATION

Please provide your details in this section (Details of Procurement Personnel)

2. 1. What is your age? *

Mark only one oval.

- below 30 years
- 30 ~ 39 years
- 40 ~ 49 years
- Above 50 year

3. 2.What is the highest level of education you have completed? *

Mark only one oval.

- Postgraduate
- Undergraduate
- Diploma
- Certificate
- Other: _____

4. 3.How many years of experience do you have in Procurement? *

Mark only one oval.

- 0 ~ 5 years
- 6 ~ 10 years
- 11~15 years
- 16 ~20 years
- More than 21

5. 4. Do you have experience in Works Procurement in Sri Lanka? *

Mark only one oval.

- 0 ~ 5 years
- 6 ~ 10 years
- 11~15 years
- 16 ~20 years
- More than 21

6. 5. Do you have experience in Services Procurement? *

Mark only one oval.

- 0 ~ 5 years
- 6 ~ 10 years
- 11~15 years
- 16 ~20 years
- More than 21

7. 6.Do you have experience in Goods Procurement? *

Mark only one oval.

- 0 ~ 5 years
- 6 ~ 10 years
- 11~15 years
- 16 ~20 years
- More than 21

8. 7. Do you have International experience in Construction? *

Mark only one oval.

- 0 ~ 5 years
- 6 ~ 10 years
- 11~15 years
- 16 ~20 years
- More than 21
- No International Experience

9. 8.Do you have International experience in Procurement? *

Mark only one oval.

- 0 ~ 5 years
- 6 ~ 10 years
- 11~15 years
- 16 ~20 years
- More than 21
- No International Experience

10. 9.Have you participated any training related to the procurement? *

Check all that apply.

- FIDIC (The International Federation of Consulting Engineers)
- CIDA (Construction Industry Development Authority)
- NPA (National procurement agency Sri Lanka)
- None
- Other: _____

11. 10.What is your knowledge and understanding about social, environmental and financial sustainable factors? *

Mark only one oval.

- Excellent
- Good
- Average
- Poor

SECTION B : BACKGROUND INFORMATION ABOUT INSTITUTION/ ORGANIZATION/COMPANY

Please provide details pf your Institution/ Organization/ Company in this section.

12. **11.What is the sector your office represents? ***

Mark only one oval.

- Public sector
- Private Sector
- International Organization/ NGO
- Other: _____

13. **12.Does your Institution/Organization/Company have experience in international projects? ***

Mark only one oval.

- Yes
- No
- Maybe

14. **13.What is the role of your Institution/Organization/Company in international projects? ***

Check all that apply.

- Implementing foreign projects
- Working experience with international contractors
- Joint Venture experience
- No experience
- Other: _____

15. **14.What is the maximum level of CIDA registration in your Institution/Organization/Company? ***

Mark only one oval.

- CS2
- CS1
- C1
- C2
- C3
- C4
- C5
- C6
- C7
- C8
- C9
- Not Applicable

16. **15.What are the areas of Engineering Specialty? ***

Check all that apply.

- Building Construction
- Highway Construction
- Bridge Construction
- Water Supply and Sewerage
- Irrigation and Drainage Canals
- Dredging and Reclamation
- Storm Water disposal and Land Drainage
- Maritime Construction
- Heavy Construction

17. 16.Number of years in operation *

Mark only one oval.

- 0 ~5 years
- 6 ~10 years
- 11~15 years
- 16 ~20 years
- More than 21 years

SECTION C: PROCUREMENT PROCEDURES IN THE INSTITUTION /ORGANIZATION/COMPANY

Please provide the Procurement Procedures in your institution/ Organization/ Company in this section

18. 17.What is the documented procurement guideline/manual being used in the company? *

Check all that apply.

- NPA (National Procurement Agency) guidelines/ Manual
- International Agency Procurement manual (WB/ ADB/UNOPS)
- Company developed Procurement Manual
- Other: _____

19. 18.What is the basis used for evaluating construction project bids? *

Check all that apply.

- Low bid procurement
- Qualification based procurement
- Value based procurement
- Other: _____

20. 19.In the last 5 years, how many projects has your organisation been involved in used the following procurement procedures? *

Check all that apply.

	<5	>5 & <10	>10
Negotiation procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Competitive selection procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION D: SUSTAINABILITY INITIATIVES

Sustainability is defined as balance between social, environmental and economical factors related to the construction project.

Environmental sustainability called as green procurement: the impacts to the environment that the product and service creates over its whole life-cycle, from cradle to grave; and

Social sustainability: considers the consequences certain purchasing decisions have on larger social issues such as poverty alleviation, equity in resource distribution, human rights and so on.

Economic sustainability: best value for money considerations such as price, quality, availability, functionality, and life cycle of the product;

21. 20.Does the institution mission / vision statement or company values recognize environmental, social, and economic sustainability as a consideration? *

Mark only one oval.

- Yes
- No
- Maybe

22. 21.Does procurement manual contains guidelines to focus on environmental, social and economic factors related to the project? *

Mark only one oval.

- Yes
- No
- Maybe

23. 22.What are the environmental sustainability factors can be considered in procuring for construction projects? *

Mark only one oval per row.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Comply with LEED	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comply with GBCSL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduction of air pollution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduction of greenhouse gas emission	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increase of Energy efficiency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increase of water efficiency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use of renewable energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rain water harvesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use of Biodegradable or Compostable materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Implement buy back option	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

24. 23.What are the social factors can be considered in procuring for construction projects? *

Mark only one oval per row.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Use of Department of Labour/ILO as minimum guidelines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social awareness and community consultation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Capacity building of work force /knowledge transfer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gender equality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health and Safety to woke force	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use of local labour	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduce impact on surrounding environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Welfare facilities to work force	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fair and reasonable wage to the workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Past performance of the contractor related to social factors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

25. 24.What is the basis for financial evaluation? *

Mark only one oval.

- Initial Cost
- Entire Life Cycle cost
- Other: _____

26. 25.Is there a standard procedure in your company for evaluating social and environmental factors in project bids? *

Mark only one oval.

- Yes
- No
- Maybe

27. 26.Do you think the companies who incorporate environmental and social criteria and project life cycle cost would gain long term benefits? *

Mark only one oval.

- Yes
- No
- Maybe

28. 27.What are the main drives of implementing sustainable factors in procurement? *

Mark only one oval per row.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Legislation (Government and regulations)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Competitive edge of the market	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Client Procurement Policy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Company willingness to change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

29. 28. What are the main benefits in implementing sustainability in procurement activity? *

Mark only one oval per row.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Reducing use of natural resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting the forthcoming legislation around the "Thirasara Sanwardana" agenda	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reducing in harmful emissions and waste generation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improving in working conditions - labor standards, health and safety	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assisting disadvantaged groups in society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Up skilling your workforce to meet the future needs of your organization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Saving the long term by considering the whole life cycle cost	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meet international obligations (Kyoto protocol/Climate Change-UNFCCC)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improving the efficiency and transparency of procurement procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stimulate the market for green technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

30. 29. What are the challenges in incorporating sustainability related factors in the procurement process? *

Mark only one oval per row.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Lack of funding and unwillingness to incur higher capital cost	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of awareness, understanding, information, commitment and demand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient policies, regulations, incentives and lack of leadership	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient/confusing guidance, tools, demonstrations and best practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vagueness of definitions and diversity of interpretations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Separation between capital budget and operational budget	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of sufficient time to address sustainability issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resistance to change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient skilled staff for execution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Complicated procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

31. 30. Please provide additional comments on sustainable procurement, if any
