

NAME OF TENDER:

**REPLACEMENT OF ROOFING
AND CLADDING OF EXISTING
AC SHEETING WITH
GALVALUME PROFILE
SHEETING AT LIOC
TERMINAL, TRINCOMALEE.**

Tender No:	LIOC/ ENG/ PT/ 03/2022-23
Due Date &Time :	26.01.2023 @ 14:00 Hrs

PRICE BID

(PART-II)



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02/01/2023

1 TENDER NUMBER: LIOC/ ENG/ PT/ 03/ 2022-23

2 NAMES OF WORK: REPLACEMENT OF ROOFING AND CLADDING OF EXISTING AC SHEETING WITH GALVALUME PROFILE SHEETING AT LIOC TERMINAL, TRINCOMALEE.

3 PLACES OF WORK: LANKA IOC TERMINAL, TRINCOMALEE.

4 COMPLETION TIME: 16 WEEKS

5 BID BOND: LKR 971,907.78

6 SUBMISSION DATE: 26/01/2023 @ 14:00 Hrs

Item No.	Description of Works	Qty	Unit	Rate (LKR)	Amount (LKR)
1	<p>Roofing</p> <p>Roofing:</p> <p>Providing, laying and fixing ZINCALUME steel profile roofing sheets of 0.47mm total coated thickness (TCT), Colour bonded on Visible side and colour bonded / electro plated on other side in single /approved length, with minimum yield stress strength of 275 Mpa. (Size, shape and pitch of corrugation as approved by Engineer in Charge)</p> <p>Steel surface shall have hot dip metallic coating of Al-Zinc alloy comprising of 55% Aluminum, 43.5% Zinc and 1.5% Silicon as per relevant ASTM, with total mass of coating on both sides shall be more than 150 gm/sqm. The thickness of coating on top side shall be 20-25 micron (i.e. 15-18 micron SMP paint with IR reflective pigment free from Lead and heavy metals, over 5-7 micron epoxy primer) and backside shall be 8-10 micron SMP Paint over epoxy primer or electro plated.</p> <p>Sheet shall have protective guard film of 25 microns minimum to avoid scratches while transportation and</p>	6,400.00	M2	8,618.00	55,155,200.00

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should be supplied in single length up to 6 mt or as decided by Engineer in Charge.

The roofing sheet shall be fixed and securely hold the sheet in position and lock-in the side lap and both center ribs. The cladding sheet shall be fastened with nominal SS, Hex head, self drilling screws with EPDM washers. The measurement shall be based on finished / covered roof surface area. etc. complete to the satisfaction of Site in Charge.

2	Translucent Roofing: Providing and fixing Polycarbonate sheeting which shall be of solid polycarbonate sheet, having embossments on bottom side, matching with roofing profile shape of 2mm thickness with UV protective film on top side with 90% light transmission. The fixing shall be done with as per manufacturer recommendations. The profile and properties shall be approved by Engineer in charge before installation.	75.00	EA	16,850.00	1,263,750.00
3	Cladding: Providing and fixing ZINCALUME steel profile roofing sheets with deep corrugation of roofing sheet of minimum yield stress strength of 275 Mpa and 0.47 mm Total Coated Thickness (TCT) similar to roofing sheets for vertical / sangle cladding. The cladding sheet shall be fixed and securely hold the sheet in position and lock-in the side lap and both center ribs. The cladding sheet shall be fastened with nominal SS, Hex head, self drilling screws with EPDM washers. The measurement shall be based on finished / covered cladding area. etc. complete to the satisfaction of Site in Charge.	1,150.00	M2	8,862.00	10,191,300.00
4	Dismantling of AC Sheet Roofing, Cladding: Removing existing AC/GI/GALVALUME/CLIPON sheets on the structure of roof/cladding etc. Including providing necessary scaffoldings, ladders, serviceable materials and	7,870.00	M2	280.00	2,203,600.00

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transportation of disposal of the damaged sheets, etc..
complete as directed by Site in-Charge.

5	Ridges: Providing fabricating, fitting and fixing plain permanently color coated sheets for ridge / capping etc. steel shall be cold formed from the same material (color & finish and grade) as roof / cladding wall profile with minimum 600 mm width sheet. The ridge sheet shall be fastened with nominal SS, Hex head, self drilling screws with EPDM washers. The measurement shall be based on finished / covered ridge length etc. complete to the satisfaction of Site in Charge..	220.00	M	5,400.00	1,188,000.00
6	Flashing: Providing fabricating, fitting and fixing plain permanently color coated sheets for hips flashing / trimming / closure of vertical / horizontal joints etc. steel shall be cold formed from the same material (color & finish and grade) as roof / cladding wall profile with minimum 600 mm width sheet. The flashing sheet shall be fastened with nominal SS, Hex head, self drilling screws with EPDM washers. The measurement shall be based on finished / covered flashing length etc. complete to the satisfaction of Site in Charge.	430.00	M	5,400.00	2,322,000.00
7	Ventilator: Supplying, providing, fixing self contained Aluminum based 24 inch dia turbo air ventilator (throat size of 24 inch, ventilator dia 31 inch, number of fins 42 or more with steel/aluminium shaft, ball bearing, base made of FRP hood with profile matching to roof sheet and width profile length of 6 ft and as per the directions of Site in Charge.	66.00	EA	184,695.00	12,189,870.00

NOTE: - Lanka IOC lettering shall be done on top of Lube Blending Shed Roof using the below mentioned color codes: Lanka with Blue Pantone 2757C (C 100 M80 Y0 K65) & Lanka Orange Pantone 1655C (C 0 M 70 Y 100 K0) shades.

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Grand Total

84,513,720.00

QUOTE RATE IN TERMS OF PERCENTAGE OVER THE ABOVE ESTIMATED AMOUNT.

1	PLUS (+) IN FIGURES	
	PLUS (+) IN WORDS	
2	MINUS (-) IN FIGURES	
	MINUS (-) IN WORDS	
3	AT PAR	
4	VAT IF APPLICABLE	YES (%.....) / NO

NOTE:

- 1 VAT at prevailing rate shall be paid on the above quoted amount & party should be submitted the proper document evidence that they are liable for the VAT.

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