

BILL OF QUANTITIES**CEYLON PETROLEUM STORAGE TERMINALS LIMITED - ENGINEERING FUNCTION****JOB : RENOVATION OF EXISTING ELEVATED RCC WATER TANKS (04 Nos.) AT OIL INSTALLATION****KOLONNAWA****BOQ NO:E/28/2023**

Item	Description	Unit	Qty	Rate Rs.	Amount Rs.
	Note: Contractors are strictly advised to visit the site & follow the given details, sketch drawings, specifications before bidding & before commence the works. If any discrepancies should be forwarded to the Engineering Manager of CPSTL Kolonnawa before commencement of such works. Construction work to be carried out without damaging existing drains, pipes and other CPSTL property. if some damage occur, contractor should repair by own cost according to the Engineer's or his representative's instructions.				
A	PRELIMINARIES				
A1	Allow lump sum for construction of temporary 12 m ² site office for the contractors personal as directed by the engineer. Rate shall include for remove all temporary facilities after completion of project as directed by Engineer.	Item	1.00		
A2	Allow lump sum for cleaning the site before commencement of work, after completion of work and keep site in clean and tidy during construction.	Item	1.00		
	Total amount carried to summary				
B	PLASTERING(Tank No. 09 at main pump house & tank No.15 at zone 06 rest room. Note : (a). Surplus of demolishing works shall remove off site with in CPSTL premises.				
B1	12 mm thick 1:3 cement sand plaster to internal surfaces of water tank walls before water proofing. Rate shall include for chipping and fully removing of existing plaster.	m2	68.00		
B2	12 mm thick 1:3 cement sand plaster with neat cement floating on water proofing agent applied walls of the water tank.	m2	68.00		
B3	12 mm thick 1:3 cement sand plaster to internal surfaces of water tank bottom before water proofing. Rate shall include for chipping and fully removing of existing plaster.	m2	28.00		
B4	12 mm thick 1:3 cement sand plaster with neat cement floating on water proofing agent applied floor of the water tank.	m2	28.00		
	Total amount carried to summary				

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Item	Description	Unit	Qty	Rate Rs.	Amount Rs.
C	WATER PROOFING WORK				
C1	Application of crystalline type water proofing using XYPEX" modification or approved equivalent for elevated water tanks,(water proofing material recommended for portable water storage tanks). Apply two coats of application approved type water proofing agent to internal surfaces of water tanks bottom & walls. Rate shall include for making fillets, making good around pipe inlets and outlets etc. as per the manufacturers specifications.	m2	96.00		
	Total amount carried to summary				
D	PAINTING(Tank Nos.06,09,14 & 15)				
	<u>Rate for painting shall include:</u> (a).Clearing the surface before commencing applying paints. (b).Scaffolding, supports etc. Total height of tank with structure ~ approximate - 10 m (c).Minor patch work in 1:3 cement sand mortar.				
D1	Apply one coat of primer and two coats of approved type weather shield paint in water tank walls, soffit and structure (columns and beams) as per the manufacture's specifications. (Painted surface shall be protected until dry the paint). Rate to include for necessary minor repairs to the existing plaster where necessary.	m2	360.00		
	Total amount carried to summary				
E	STEEL WORK & MISCELLANEOUS WORK				
	WATER TANK NOS. 06,09,14 & 15				
	<u>Rate shall include:</u> (a).Clearing the surface before commencing applying paints. (b).Application of one coat of anti-corrosive primer and two coats of enamel paint for steel sections. (c).Painting of Galvanized pipes with one coat of etch primer (50% of etch primer base and 50% etch primer activator), one coat of anti-corrosive primer with two coats of enamel paint including removing corroded scale and wire brushing.				

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Item	Description	Unit	Qty	Rate Rs.	Amount Rs.
E1	Supply, fabricating & fixing of 500mm wide and approximate height of 4000mm & 6750mm (02 section) steel ladders with 50 mm dia. Heavy duty GI pipes (1 st section)/ 50mmx50mmx6mm angle iron (2 nd section) guides , 50mmx50mmx6mm angle iron steps items 20mm GI heavy duty pipe railings, 450mmx 450mm size 6mm GI chequered plate top landing and necessary joints, brackets, sup and anchor bolts for fixing. Rate shall include for 750mmx450mmx450mm size grade 25 concrete pad including excavation, formwork etc. and removing of existing steps/ladders with hand railing etc. Refer detail drawing no. 1659	nr	4.00		
E2	Supply, fabricate & fixing of hand rail around the top of the water tank as per the drawing No. 1659. Rate to include for removing existing hand rail.	nr	4.00		
E3	Painting of existing GI pipe hand rail on top of the tank with necessary minor repair works. Rate to include for removing badly corroded sections and replace necessary new pipes, bolts plates etc. as directed. (If required)	nr	1.00		
	STEEL STAND				
E4	Supply, fabricating & fixing of angle iron frame stand to place the 2000L capacity plastishell water tank as per the given drawing No.1990.Rate shall include for RCC pads (04 Nos.) including excavation, formwork, reinforcement etc.	nr	2.00		
E5	Supply and installing "Plastishell" approved type 2000 Ltr. Water tanks including transporting and placing position. Tank shall have a minimum 5 year warranty from the manufacture. Rate to include for provide 25 mm thick regiform layer under the tank base (regiform layer to be cut to match the tank diameter).	nr	2.00		
	Total amount carried to summary				

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Item	Description	AMOUNT (Rs)
A	PRELIMINARIES	
B	PLASTERING(Tank No. 09 at main pump house & tank No.15 at zone 06 rest room.	
C	WATER PROOFING WORK	
D	PAINTING(Tank Nos.06,09,14 & 15)	
E	STEEL WORK & MISCELLANEOUS WORK	
	TOTAL AMOUNT	
	SSCL (.....%)	
	TOTAL AMOUNT with SSCL	
	VAT. (18%)	
	TOTAL AMOUNT WITH VAT	

VAT Registration No. :

Total amount in words (with out VAT) :

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Name of Tenderer :

Address :

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(If Tender is not registered for VAT he should furnished a letter obtained from the commissioner of inland Revenue Department certifying that the company has not been registered for VAT)

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Signature of Tenderer

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Date