UNIVERSITY OF KERALA

ENGINEERING UNIT

Repair of steel ladder for accessing main overhead water tanks (Malayalam and Guest House) along with work for enclosing drain mouths in boundary wall near NH at Kariyavattom Campus.

Date of submission- 23/11/2026 **Time of Completion -: 30 days**

SL No	Quantity	Description	Unit	Rate	Rate in Words	Amount
1	2	OD19585/2026-2027 Labour (coolie) engaged for cutting and removing overgrown creepers and vegetation in the existing ladder complete	Each	1106.22	Rs One Thousand and One Hundred and six Ps Twenty Two Only	2212.44
2	4	OD19588/2026-2027 Labour (coolie) engaged for removing the existing paint and rust in steel members by scrapping and making the surface clear off any residues for application of new coat of primer/ paint complete	Each	1106.22	Rs One Thousand and One Hundred and six Ps Twenty Two Only	4424.88
3	109	15.17.2 Dismantling steel work in single sections including dismembering and stacking within 50 metes lead in:Channels, angles, tees and flats	Kg	2.42	Rs Two Ps Fourty Two Only	263.78

4	270	OD21355/2026-2027 Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting and fixing in position (charges for application of etch primer to be paid separately) all complete.	Kg	117.12	Rs One Hndred Seventeen Ps Twelve only	31622.40
5	90	OD21354/2026-2027 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting and fixing position, including welding and bolted with special shaped washers etc. complete. (charges for application of etch primer to be paid separately) Hot finished welded type tubes	Kg	196.90	Rs One Hundred and Ninety Six Ps Ninety Only	17721.00
6	2	OD19491/2026-2027 Labour (beldar) engaged for inspecting the existing ladder and spot welding gaps in joints between single sections/ tubes (in satisfactory condition) ensuring proper fixity complete	Each	1106.22	Rs One Thousand and One Hundred and six Ps Twenty Two Only	2212.44

7	0.25	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.All kinds of soil	cum	263.35	Rs Two Hundred and Sixty Three Ps Thirty Five Only	65.84
8	0.4	4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand (zone-III)derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	9441.22	Rs Nine Thousand and Four Hundred and Fourty one Ps Twenty Two only	3776.49
9	1.2	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns	Sqm	394.74	Rs Three Hundred and Ninety Four Ps Seventy Four only	473.69

10	6	21.1.2.2 For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately)Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	723.98	Rs Seven Hundred and Twenty Three Ps Ninety Eight only	4343.88
11	40	OD19584/2026-2027 Applying priming coat with ready mixed etch primer and finishing with Epoxy zinc phosphorous primer including mixing with thinner in required proportion at all locations prepared and applied as per manufacturer's specifications including preparation of surface, etc. complete. On steel work	sqm	258.62	Rs Two Hundred and Fifty Eight Ps Sixty Two Only	10344.80
12	40	13.61.1 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	Sqm	168.52	Rs One Hundred Sixty Eight Ps Fifty Two only	6740.80
		Total				**84202.43**
	After round off Total					**84202/-**

I/We undertake to execute the work at 1…….% below estimate rate

2) At the estimate rate 3) …….. Above the estimate rate

Sd/-

CONTRACTOR (Name and Address) Assistant Executive Engineer (i/c)