



AN ISO 9001:2015 PORT

MORMUGAO PORT TRUST
ENGINEERING (CIVIL) DEPARTMENT
E-Tender No.:CE/ 38 / 2019
SECOND COVER(PRICE BID)

Name of Work : Annual Maintenance Contract (AMC) For Various Joinery Works of Staff quarters and other buildings at Headland for the year 2019-20”

Item No	Description of work	Unit of Qty	Qty.	Rate in (Rs)	Total Amount	
					Rs	Ps
1	Dismantling doors, windows and ventilators having area less than 3.0m ² including removal of frames, fastening etc. from masonry and handing over to Chief Engineers Representative by shifting & stacking at Maintenance Section office Yard at Headland as directed including all tools & plant labour & material complete.	Each	120.00	106.18	12741.60	
2	Providing and fixing wood work in frames of doors, windows, ventilators etc. with well seasoned sal wood including m.s. holdfast 40 mm x 25 cm long 6 nos. embedded in c.c. (1:3:6) blocks, 16 mm dia m.s. bottom pins including necessary painting (9 primer and two coats of synthetic enamel paint) .All labour & material etc. complete. (New frames)	CuM.	0.50	128835.10	64417.55	
3	Providing and fixing in position Windows having two or more shutters without ventilator panelled and glazed with 3 mm thick glass panes with 40 mm thick sal wood shutter with all oxidised iron fittings like butt hinges 4 nos. 100x58x1.8 mm size screwed to frame and embedded in cc (1:3:6) block all putty, beading etc. including necessary primer and two coats of synthetic enamel paint.All tools , plant labour & material etc. complete. (new frames)	SqM.	39.00	4994.06	194768.34	
4	P/F in position anodised aluminium louvered ventilators in single vertical bays with 4.00 mm thick 100 mm wide frosted glass louvers of approved quality / make using best quality standard extra lead anodised aluminium sections comprising to IS-733, frame shall have groove to receive weather strip all around, glass louvers shall have PVC gap closing gasket on top edge of louvers and approved through lever handle and operation fixed to outer frame and aluminium handle locking device, fixing to masonry, R.C.C. columns etc. as specified by manufacturer all gaps should be sealed with approved sealant etc.including finishing and making good the surface with cement concrete mortar, touch up painting, removing of old ventilators etc. All tools , plant labour & material etc. complete.	SqM.	21.00	4340.89	91158.69	
5	P/F ornamental Grills of approved pattern using m.s. flats 25 mm x 3 mm or any other sections including welding, grinding, cutting, drilling holes, fixing with counter sunk screws etc..All tools , plant labour & material etc. complete.	kg.	843.00	192.44	162226.92	

6	Supplying and fixing Flush door shutters 35mm thick both side commercial faced including providing 4 nos. S.S. hinges (100x70x4) mm minimum sizeteakwood beading patties, brass screws, including necessarypainting pimer and two coats of synthetic enamel) all tools , plant labour & material etc. complete. (Old fittings like morice lock,safety chins, etc.to be refitted to the (new door).All tools , plant labour & material etc. complete.	SqM.	45.00	4698.29	211423.05
7	Supplying and fixing Flush door shutters(Main door) of marine sollid core 35mm thick both sides teak faced including providing 4 nos. S.S. hinges (100x70x4) mm minimum sizeteakwood beading patties, brass screws,polishing etc.complete all tools , plant labour & material etc. complete. (Old fittings like mortice lock,safety chins, etc.to be refitted to the new door.All tools , plant labour & material etc. complete.	SqM.	54.00	6452.09	348412.86
8	Providing and Fixing the following heavy anodised aluminium/Stainless steelas specified to the wood work as directed including required screws and fastening.All tools , plant labour & material etc. complete.				
	a) anodised aluminium Plate type hook & Eye 10 cm long	Each	5.00	30.72	153.6
	b) anodised aluminium Plate type hook & Eye 15 cm long	Each	5.00	44.02	220.1
	c) anodised aluminium Tower Bolt 25 cm long	Each	5.00	148.46	742.3
	d) anodised aluminium door latch 30 cm long	Each	5.00	177.12	885.6
	e)anodised aluminium tower bolt 15 cm long	Each	5.00	103.41	517.05
	f)anodised aluminium door latch 20 cm long	Each	5.00	154.6	773.00
	g)anodised aluminium baby latch	Each	3.00	103.41	310.23
	h)anodised aluminium D-type door handle 10 cm long	Each	5.00	77.81	389.05
	i)s.s. butt hinges 100 mmx70mmx4.0 mm	Each	20.00	94.20	1884.00
	j)s.s. butt hinges 75mmx40mmx2.5 mm	Each	10.00	77.81	778.10
	k)s.s. butt hinges50mmx37.5mmx1.5 mm	Each	10.00	66.55	665.50
9	Supplying and fixing FRP door shutters with frames Om ventures make or any other approved make/quality and of approved colour , shade in single leaf with 29-30 mm thickness, including all the accessories such as C.P.brass butt hinges of size 100 x 70x4.0 mm, mimimunm 3 nos. per shutter, fixed buy C.P. brass counter sunk as approved and fixed to the door frame as specified by the manufacturer or as directed complete.All tools , plant labour & material etc. complete.	Each	47.00	3704.78	174124.66
10	Supplying & fixing Automatic door closer 'Universal' 65 of 'Everite' EDC 1103 including necessary screws, washers etc. All labour & materials complete.	Each	2.00	1804.04	3608.08

11	Providing & fixing in position anodised aluminium sliding windows of approved manufacturer to suit two track sliding, using best quality standard extruded anodised aluminium sections (manufactured to relevant I.S. specification) without horizontal glazing bars, glazed with 5.5mm thick sheet glass fixing to RCC column/masonry with lugs of 16mm x 3.15mm x 10cm long or any other approved size embedded in C.C. (1:3:6) blocks of appropriate size incl. necessary bolting devices, handles, locking arrangements, fixing clips, metal putty, PVC/Rubber beading etc. All labour & material etc. complete.	SqM.	72.00	4438.54	319574.88
12	Supplying & erecting structural steel work for trusses, purlins, rafters etc. incl. All Cutting, fabricating, welding & fixing in position, painting with two coats of synthetic enamel paint over a coat of redoxide zincchromite primer after cleaning & preparing the surface etc. All labour & materials etc. complete	Qtl.	3.00	9915.13	29745.39
13	Supplying & fixing mosquito proof netting of Netlon or any other approved brand to the windows of CISF barrack , building No.1& 2 with Velcro tape fixing to window frame with required screws nails .. etc..and stitching of other part of Velcro to the net including all tools & plant labour & material complete.	SqM.	11.00	2525.47	27780.17
14	Repairs to the aluminium frame glass window including removing the glass, replacing damaged rubber beading with new rubber beading, refixing of glass to the aluminium frame, cleaning, repairs/replacing bearings/rollers , applying sealant to the joints of aluminium and masonry,etc.complete as directed. All labour and material, tools & plant etc. complete.	EA	3	1571.59	4714.77
15	Providing aluminium handles for the aluminium frame glass window as directed and aproved . All labour and material, tools & plant etc. complete.	EA	10.00	76.79	767.90
16	Providing 5.00 mm thick glass for the aluminium frame window/door, including removing the damaged glass, replacing the damaged beading, sealing the gaps in between wall and window frame using M seal, touch up painting as directed. All labour and material, tools & plant etc. complete.	SqM.	4.80	2221.73	10664.30
17	Providing 4.00 mm thick pin headed/plain glass for louvered ventilators as directed. All labour and material, tools & plant etc. complete.	SqM.	4.80	394.18	1892.06
18	Providing and fixing double action hydraulic floor spring of approved brand and manufacturer including pivot for Aluminium shutter,cutting of floor ,embeddiing in flooras required and making good same matching to the existing floor finishing and cover plates ..etc as directed . All labou and material,tools and eqippments etc. complete.	Each	2.00	7500.00	15000.00

19	Supply of Labours on daily basis including necessary minor tools and plant for execution of maintenance works in the Port as directed. All labour and minimum essential tools etc. complete.				
a	Skilled Labour(carpenter ,fitter ..etc)	NO.	50.00	750.00	37500.00
b	Unskilled Labour	NO.	75.00	567.00	42525.00
20	Supplying & fixing asbestos cement corrugated sheets 6mm thick in roofing including cutting/mitering,drilling holes, fixing with necessary G.I. bolts, nut G.I. and bitumen washers etc. as directed. All labour and material, tools & plant etc. complete	SqM.	10.80	446.40	4821.12
21	Supplying & fixing A.C. plain adjustable ridges including drilling holes, necessary G.I. holes, nuts, G.I. and bitumen washers etc.as directed. All labour and material, tools & plant etc. complete.	M	10.00	328.01	3280.10
22	Supplying & fixing corrugated translucent fibre glass sheets 3mm including cutting to required size, drilling holes and fixing with necessary 'J' bolts, seam bolts, bitumen and plain washers etc. as directed. All labour and material, tools & plant ,scaffolding etc. complete.	SqM.	50.00	1241.90	62095.00
23	Supplying & fixing Mangalore pattern tiles (Double inter locking Fort Brand roofing tile no.1/equivalent) in single layer over Sal/Jamba wood reepers 5 x 2.5cm including supplying & fixing ridge tiles, pointing with C.M. (1:2) and painting reepers with creosete oil etc.as directed. All labour and material, tools & plant sacffoldings etc. complete.	SqM.	10.00	1222.46	12224.60
24	Supplying & fixing Mangalore pattern tiles (ordinary Mangalore tiles) in single layer over Sal/Jamba wood reepers 5 x 2.5cm including supplying & fixing ridge tiles, pointing with C.M. (1:2) and painting reepers with creosete oil etc.as directed. All labour and material, tools & plant ,scaffolding ..etc complete.	SqM.	10.00	1000.30	10003.00
25	Supplying & fixing G.I. eaves gutter 15cm dia using 0.8mm thick plain G.I. sheets, cutting, bending necessary brackets, seam bolts, G.I. washers & 2 coats of tarring etc. as directed. All labour and material, tools & plant,scaffolding etc. complete.	M	10.00	647.07	6470.70
26	Providing roofing compound to the bolt,along the cracks of sheets, joints of asbestos sheet roofing as directed. All labour and material, scaffolding ,tools & plant etc. complete.	KG.	3.00	127.98	383.94
	TOTAL, Rs.				1859643.22
TOTAL AMOUNT OF TENDER excluding GST = "A"					
I ACCEPT ALL TERMS AND CONDITIONS OF THE SAID TENDER No.CE/ 38 /2019 & I HEREBY AGREES TO EXECUTE THE WORK AT				ABOVE/ BELOW or ATPAR to the Estimated amount put to tender	
QUOTED AMOUNT					

DIFFERENCE AMOUNT			
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