

# UDUPI COCHIN SHIPYARD LIMITED

(Formedy (ERMA Shipyards Limited) Ministry of Ports, Shipping and Waterways, Government of India

### CONTRACT CELL DEPARTMENT

	CORRIGENDUM - 1	
	Tender No.: UCSL/CC/T/CIVIL/236	Date: 28.02.2024
	Sir,	
	CORRIGENDUM-1 / TENDER FOR CONSTRUCTION OF CIVIL FOUNDA BLASTING MACHINE	TION FOR AUTOMATED
	The following terms of the subject tender is amended as follows:	
1.	Revised BOQ of work.	
	FOR:	
	Annexure-II / BOQ Rev-00	
	READ AS:	
	Annexure-II / BOQ Rev-01 (enclosed)	
2.	Revised Price Bid format	
	FOR:	
	Annexure-V / Price Bid Format (Rev.00)	
	READ AS:	

3. All the other terms and conditions of the tender enquiry remains unchanged.

Annexure-V / Price Bid Format (Rev.01) (enclosed)

For Udupi Cochin Shipyard Limited,

Assistant General Manager (Materials & Contract Cell)

सोणि क्लेमेन्ट टी एम SONY CLEMENT T M सहायक महाप्रवंधक / ASSISTANT GENERAL MANAGER उड़िप कोचीन शिपयार्ड लिमिटेड UDUPI COCHIN SHIPYARD LIMITED माल्पे, कर्नाटक/MALPE, KARNATAKA-576 108





Udupi Cochin Shipyard Limited

Tender for Construction of Civil Foundation for Automated Blasting Machine UCSL/CC/T/CIVIL/236 Dt 19th February 2024

### TENDER FOR CONSTRUCTION OF CIVIL FOUNDATION FOR AUTOMATED BLASTING MACHINE

	<u>II</u>	NDICATIVE BILL	OF QUANTI							
		DETAILED EST	TIMATION							
em No.	Description of work	No.	L	В	D	Quantity	Unit			
1	Dismantling R.C.C. concrete floor of thickness upto 300mm mechanically including breaking concrete by chiselling, wedging etc. including cutting the reinforcement, stacking the serviceable materials and the debris separately upto distance of 50 metre or spreading the debris as directed etc. complete									
	Tank B	1	12.36	2.5	0.20	6.12				
	Tank A	1	6.83	3.005	0.20	4.10				
	Tank C	1	4.1	2.7	0.20	2.21				
		1	3.0	2.0	0.20	1.20				
		1	2.4	4.0	0.20	1.92				
	Tank D	1	3.7	7.2	0.20	5.33				
	Tank E	1	4.0	1.3	0.20	1.04				
		1	5.7	2.7	0.20	3.05				
	Chimney	1	13.1	6.5	0.20	16.97				
	Column C3	1	2.3	2.9	0.20	1.33				
	C6	3	2.3	→ 2.5	0.20	3.45				
	C1	10	2.1	2.1	0.20	8.82				
	C10	1	3.2	2.6	0.20	1.61				
						57.15	Cu.m			
	technical specifications, including sett dressing of excavated surfaces, dispo- for reuse in a radius of 50 m and lift u appurtenaces required to complete the	sing off or levelling pto 4.50 m includ	ng the excav	ated earth o	r sorting &	stacking the se	lected ear			
	dressing of excavated surfaces, dispos for reuse in a radius of 50 m and lift u appurtenaces required to complete the	sing off or levelling pto 4.50 m include the work	ng the excav ding cost of I	ated earth o abour, tools	r sorting & , usage of n	stacking the se nachinery & oth	lected ear			
	dressing of excavated surfaces, disposed for reuse in a radius of 50 m and lift unappurtenaces required to complete the Tank B	sing off or levellir pto 4.50 m include ne work	ng the excav ding cost of I	ated earth o abour, tools 2.5	r sorting & , usage of m	stacking the se nachinery & oth	lected ear			
	dressing of excavated surfaces, dispos for reuse in a radius of 50 m and lift u appurtenaces required to complete the Tank B	sing off or levellir pto 4.50 m includ ne work  1 1	ng the excav ding cost of I 12.36 6.83	ated earth o abour, tools 2.5 3.005	r sorting & , usage of m	stacking the sel nachinery & oth 38.25 19.48	lected ear			
	dressing of excavated surfaces, disposed for reuse in a radius of 50 m and lift unappurtenaces required to complete the Tank B	sing off or levelling off or levelling off or levelling of the work  1 1 1	ng the excav ding cost of I 12.36 6.83 4.1	2.5 3.005	1.25 0.95	38.25 19.48 18.82	lected ear			
	dressing of excavated surfaces, dispos for reuse in a radius of 50 m and lift u appurtenaces required to complete the Tank B	sing off or levellir pto 4.50 m include the work  1 1 1 1	12.36 6.83 4.1 3.0	2.5 3.005 2.7 2.0	1.25 0.95 1.70	38.25 19.48 18.82 10.20	lected ear			
	dressing of excavated surfaces, disposed for reuse in a radius of 50 m and lift unappurtenaces required to complete the Tank B  Tank A  Tank C	sing off or levellir pto 4.50 m include the work  1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4	2.5 3.005 2.7 2.0 4.0	1.25 0.95	38.25 19.48 18.82	lected ear			
	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift u appurtenaces required to complete the Tank B  Tank A  Tank C	sing off or levellir pto 4.50 m include the work  1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7	2.5 3.005 2.7 2.0	1.25 0.95 1.70 1.70	38.25 19.48 18.82 10.20	lected ear			
	dressing of excavated surfaces, disposed for reuse in a radius of 50 m and lift unappurtenaces required to complete the Tank B  Tank A  Tank C	sing off or levelling off or levelling off or levelling of the work of the wor	12.36 6.83 4.1 3.0 2.4 3.7 4.0	2.5 3.005 2.7 2.0 4.0	1.25 0.95 1.70 1.70 2.95	38.25 19.48 18.82 10.20 16.32 78.59	lected ear			
	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E	sing off or levellir pto 4.50 m include the work  1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7	2.5 3.005 2.7 2.0 4.0 7.2	1.25 0.95 1.70 1.70 2.95	38.25 19.48 18.82 10.20 16.32 78.59 8.84	lected ear			
	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney	sing off or levellir pto 4.50 m include the work  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7	1.25 0.95 1.70 1.70 2.95 1.70	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93	lected ear			
	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3	sing off or levellir pto 4.50 m include the work  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5	1.25 0.95 1.70 1.70 2.95 1.70 1.70	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69	lected ear			
	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6	sing off or levelling off or levelling off or levelling off or levelling of the work of th	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69	lected ear			
	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1	sing off or levellir pto 4.50 m include the work  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.3	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80 1.80	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05	lected ear			
	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6	sing off or levellir pto 4.50 m include the work  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80 1.80 1.80	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10	ected ear			
3	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1	sing off or levelling off or levelling off or levelling pto 4.50 m includes the work of th	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.3 2.1	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1 2.6	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80 1.80 1.80	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10 8.03 464.31	ected ear			
3	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1  C10  Providing and laying stone boulders somaterials, compaction etc., complete	sing off or levelling off or levelling off or levelling pto 4.50 m includes the work of th	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.3 2.1	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1 2.6	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80 1.80 1.80	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10 8.03 464.31	ected ear			
3	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1  C10  Providing and laying stone boulders somaterials, compaction etc., complete	sing off or levelling of the state of the st	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.3 2.1 3.2	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1 2.6 and compace	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80 1.80 1.80	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10 8.03 464.31	ected ear			
3	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift use appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1  C10  Providing and laying stone boulders smaterials, compaction etc., complete  Tank B  Tank A	sing off or levelling off or levelling off or levelling off or levelling of the work of th	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.3 2.1 3.2	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1 2.6 and compace	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80 1.80 1.80 1.00 1.00	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10 8.03 464.31 upto 200mm incompleted in the second control of	ected ear			
3	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift un appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1  C10  Providing and laying stone boulders somaterials, compaction etc., complete	sing off or levelling of the state of the st	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.1 3.2	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1 2.6 and compace	1.25 0.95 1.70 1.70 1.70 1.70 1.80 1.80 1.80 1.00 1.00	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10 8.03 464.31 upto 200mm incessed	ected ear			
3	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift use appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1  C10  Providing and laying stone boulders smaterials, compaction etc., complete  Tank B  Tank A	sing off or levelling of 4.50 m include the work  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.3 2.1 3.2	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1 2.6 and compace	1.25 0.95 1.70 1.70 2.95 1.70 1.70 1.80 1.80 1.80 1.00 1.00 1.00 1.00	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10 8.03 464.31 upto 200mm incompleted and the control of	ected earl			
3	dressing of excavated surfaces, dispose for reuse in a radius of 50 m and lift use appurtenaces required to complete the Tank B  Tank A  Tank C  Tank D  Tank E  Chimney  Column C3  C6  C1  C10  Providing and laying stone boulders smaterials, compaction etc., complete  Tank B  Tank A	sing off or levelling of 4.50 m include the work  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.36 6.83 4.1 3.0 2.4 3.7 4.0 5.7 13.1 2.3 2.3 2.1 3.2 r sand filling  12.36 6.83 4.1 3.0	2.5 3.005 2.7 2.0 4.0 7.2 1.3 2.7 6.5 2.9 2.5 2.1 2.6 and compace	1.25 0.95 1.70 1.70 1.70 1.70 1.80 1.80 1.80 1.00 1.00  tted layers to 0.20 0.20 0.20 0.20	38.25 19.48 18.82 10.20 16.32 78.59 8.84 25.93 152.69 12.01 31.05 44.10 8.03 464.31 upto 200mm ince	ected eart			

			5.7			-	
		1	5.7	2.7	0.20	3.05	
	Chimney	1	13.1	6.5	0.20	16.97	
	Column C3	1	2.3	2.9	0.20	1.33	
	C6	3	2.3	2.5	0.20	3.45	
	C1	10	2.1	2.1	0.20	8.82	
	C10	1	3.2	2.6	0.20	1.61	
						57.15	Cu.
4	Earthwork in soil back filling to f	oundation transhes	including con	anaction in Is	ware wateri	na ata samul	loto
	Earthwork excavtion	- I continued the continued th	Theraum con		yers, watern	464.31	lete.
	RCC quantity	1	11.96	2.1	1 10	-110.32	
	Tank C	1		0.00000	1.10	-27.31	
	Tank B	1	6.43	2.805	0.80	-14.42	
	Tank D		3.9	2.3	1.50	-13.46	
		1	2.8	1.8	1.50	-7.56	
		1	2.4	3.6	1.50	-12.96	
	Tank E	1	3.7	6.8	2.80	-70.45	
	Tank F	1	3.6	1.3	1.50	-7.02	
-						200.82	Cu
	Providing and laying in position p	l plain cement concret	te in M15 gra	l de for levelli	ng course for	all works in fo	oundati
	The granite/trap/basalt crushed	graded coarse aggre	gates and fin	e aggregates	as per relev	ant IS Codes ~	nachino
_	mixed laid in layer not exceeding	a 100 mm thickness	woll comme	toducin-	as per relev	including Codes II	iaciiiie
5	mixed, laid in layer not exceeding	all materials of and	well compac	ted using pla	ite vibrators,	including all le	ead & li
	shuttering charges if any, cost of other appurtenances required to	complete the work	as per techni	sage charges	or machiner	ries, curing, an	d all th
					1	2.40	
	Tank C	1	11.96	2.1	0.10	2.48	
	Tank B	1	6.43	2.805	0.10	1.80	
	m t p						
	Tank D	1	3.9	2.3	0.10	0.90	
	Tank D	1	2.8	1.8	0.10	0.50	
		1 1	2.8	1.8 3.6	0.10 0.10	0.50 0.86	
	Tank E	1 1 1	2.8 2.4 3.7	1.8 3.6 6.8	0.10 0.10 0.10	0.50 0.86 2.52	
		1 1 1 1	2.8 2.4 3.7 3.6	1.8 3.6 6.8 1.3	0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47	
	Tank E Tank F	1 1 1 1 1	2.8 2.4 3.7 3.6 5.5	1.8 3.6 6.8 1.3 2.3	0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25	
	Tank E Tank F chimney	1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7	1.8 3.6 6.8 1.3	0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47	
	Tank E Tank F chimney Column C3	1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5	1.8 3.6 6.8 1.3 2.3	0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25	
	Tank E Tank F  chimney Column C3 C6	1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7	1.8 3.6 6.8 1.3 2.3 6.1	0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72	
	Tank E Tank F chimney Column C3	1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0	1.8 3.6 6.8 1.3 2.3 6.1 3.0	0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60	
	Tank E Tank F  chimney Column C3 C6	1 1 1 1 1 1 1 1 3	2.8 2.4 3.7 3.6 5.5 12.7 2.0	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44	
	Tank E Tank F chimney Column C3 C6	1 1 1 1 1 1 1 1 3	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10	Cu.
	Tank E Tank F  chimney Column C3 C6 C1 C10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36	
	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixe	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, respectively)	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 ans, footings, p	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, reparterials, lab	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, p	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, raterials, lab	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 ans, footings, per Is, complete. 4.41	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76 11.16	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, raterials, lab 1.88 0.95	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, p tc., complete. 4.41 1.59	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 d Cement Concrete in structures such as reputtering charges, site of the structure of the s	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76 11.16 6.82	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, raterials, laboraterials, labora	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, per IS, complete. 4.41 1.59 0.97	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 d Cement Concrete i structures such as resultering charges, site	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76 11.16 6.82 6.23	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, restaterials, lab 1.88 0.95 0.95 2.71	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, ptc., complete. 4.41 1.59 0.97 3.37	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, n 11.76 11.16 6.82 6.23 5.63	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4  ( Ready mixes, columns, raterials, laboraterials, labor	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, ptc., complete. 4.41 1.59 0.97 3.37 0.80	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76 11.16 6.82 6.23	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, restaterials, lab 1.88 0.95 0.95 2.71	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, ptc., complete. 4.41 1.59 0.97 3.37	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, n 11.76 11.16 6.82 6.23 5.63	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4  ( Ready mixes, columns, raterials, laboraterials, labor	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, ptc., complete. 4.41 1.59 0.97 3.37 0.80	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B Wall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76 11.16 6.82 6.23 5.63 6.08	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 (Ready mixes, columns, raterials, lab 1.88 0.95 0.95 2.71 0.95 0.65	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36 as per IS 10262 as, footings, p tc., complete. 4.41 1.59 0.97 3.37 0.80 0.59	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B Wall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  1.0 3.0  1.76 11.16 6.82 6.23 5.63 6.08 3.80	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4 ( Ready mixes, columns, renaterials, lab 1.88 0.95 0.95 2.71 0.95 0.65 2.10	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36  as per IS 10262 as, footings, ptc., complete. 4.41 1.59 0.97 3.37 0.80 0.59 1.60	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B Wall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76 11.16 6.82 6.23 5.63 6.08 3.80 2.70	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4  ( Ready mixes, columns, raterials, laboraterials, labor	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36  as per IS 10262 ans, footings, per IS 10262 ans, footings	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B Wall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, n 11.76 11.16 6.82 6.23 5.63 6.08 3.80 2.70 2.40	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4  ( Ready mixes, columns, raterials, laboraterials, labor	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36  as per IS 10262 as, footings, ptc., complete. 4.41 1.59 0.97 3.37 0.80 0.59 1.60 0.92 1.63	! mix
6	Tank E Tank F  chimney Column C3 C6 C1 C10  Providing and laying of Reinforce design procedure) for all types of beams including centering and sh Tank C Wall  Tank B Wall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.8 2.4 3.7 3.6 5.5 12.7 2.0 2.0 1.0 3.0  n M30 grade etaining walls e pumping, m 11.76 11.16 6.82 6.23 5.63 6.08 3.80 2.70 2.40 3.50	1.8 3.6 6.8 1.3 2.3 6.1 3.0 2.4 1.1 2.4  ( Ready mixes, columns, raterials, lab 1.88 0.95 0.95 2.71 0.95 0.65 2.10 1.70 3.40 1.25	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.50 0.86 2.52 0.47 1.25 7.72 0.60 1.44 1.10 0.72 22.36  as per IS 10262 as, footings, ptc., complete. 4.41 1.59 0.97 3.37 0.80 0.59 1.60 0.92 1.63 1.31	Cu.

		1	3.30	1.00	0.15	0.50				
	Tank E	1	3.70	6.60	0.25	6.11				
	Wall	2	3.70	2.40	0.20	3.55				
		2	2.25	2.40	0.20	2.16				
		2	0.95	2.40	0.20	0.91				
	Tank F	1	3.40	1.30	0.20	0.88				
		1	5.35	2.10	0.20	2.25				
	Wall	2	5.05	1.25	0.15	1.89				
		2	1.30	1.25	0.15	0.49				
		2	0.65	1.25	0.15	0.24				
		1	1.50	1.25	0.15	0.28				
	chimney raft	1	6.92	6.29	0.25	10.88				
		1	6.92	5.57	0.25	9.64				
	Foundation C1	10	1.6	1.6	0.45	11.52				
	pedestal	10	0.4	0.3	1.50	1.80				
	C3	1	1.8	2.4	0.45	1.94				
	Pedestal	1	0.6	1.2	1.50	1.08				
	C6	3	1.8	2.00	0.45	4.86				
	Pedestal	3	0.6	0.82	1.50	2.21				
	C7	2	0.723	3.14	1.75	7.94				
	C8	4	0.50	0.50	1.25	1.25				
	C9	1	2.10	1.35	1.75	4.96				
	C10	1	2.65	2.05	0.45	2.44				
	Pedestal	1	1.45	0.87	1.50	1.89				
	C11	1	1.10	0.80	1.25	1.10				
	Beam B2	2	5.55	0.35	0.40	1.55				
		2	4.25	0.35	0.40	1.19				
	В3	1	3.30	0.30	0.40	0.40				
		1	1.90	0.30	0.40	0.23				
		1	3.70	0.30	0.40	0.44				
		1	2.95	0.30	0.40	0.35				
		1	2.40	0.30	0.40	0.29				
		2	0.90	0.30	0.40	0.22				
		2	1.50	0.30	0.40	0.36				
		2	1.05	0.30	0.40	0.25				
	B4	2	4.45	0.50	0.50	2.23				
	Slab, S2	1	0.98	4.60	0.13	0.56				
						110.32	Cu.m			
7	Providing Thermo-Mechanically Treated bars of grade Fe-550D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whe necessary complete as per Design including cost of material, labour, usage charges complete as per specification (The laps and wastages shall not be measured separately)									
						8000.00	kg			
8	Providing and fixing Mild steel plates (with ISA 30*30*3 anchors) as base plates in raft foundation and in finished concrete surfaces including fabrication charges, drilling charges, wedge type 16mm dia anchor stiffeners, lockset chemicals, materials, labour etc., complete.  Note: (Material will be supplied by UCSL)									
	IP1- 300*400*10	59	0.12	7.08	78.50	555.8				
	IP2- 500*720*10	4	0.36	1.44	78.50	113.0				
		1	0.88	0.88	78.50	69.2				
	IP3- 760*1160*10	1.00	A 200 A	5 S S S S S S S S S S S S S S S S S S S						
	IP3- 760*1160*10 IP4-480*660*10	2	0.32	0.63	78.50	49.7	Con Estre			
	The state of the s	2650	A-2004-2-200	0.63 0.45	78.50 78.50	49.7 35.3	\$ 150 P			

	IP7-250*250*10	6	0.06	0.38	78.50	29.4	
	IP8-200*710*10	2	0.14	0.28	78.50	22.3	
	IP9-200*1230*10	2	0.25	0.49	78.50	38.6	
	IP10-150*650*10	3	0.10	0.29	78.50	23.0	
						1025.4	KG
9	M16- WEDGE type ANCHOR BOLTS- 200mm length	269				269.0	No.s
	C1-SHS-(150x150x6THK.)	10	7		26.4	1848.00	kg
	Roof truss member-ISMB 250	5	12		37.3	2238.00	kg
	Stiffener plate	2	0.50		62.8	62.80	kg
10	Purlins RHS-(80x40X3.2mm THK.)	9	17.20		5.5	851.40	kg
11	ISA 50X50X4	72	0.2		3.06	44.06	kg
12	ROOF COVERING SHEET	1	17.4	12.6		219.24	
	SIDE COVERING SHEET	2	17.4		7	243.60	
		1	11.4		7	79.80	
						542.64	Sq.m
	GUTTER (AS PER VENDOR DETAILS)	34.5				34.5	m
13	Waterproofing Works	1	5.6	3.7		20.7	Sq.m
13	waterproofing works	1	5.5	1.3		7.1	Sq.m
		2	9.3	0.8		14.9	Sq.m
		2	6.8	0.8		10.9	Sq.m
		1	6.0	3.7		22.2	Sq.m
		2	9.7	2.7		52.4	Sq.m
		1	5.1	1.5		7.6	Sq.m
		2	6.6	1.3		16.4	Sq.m
		1	1.3	2.8		3.6	Sq.m
		2	4.1	1.3		10.3	Sq.m
				2.8		6.7	-
		2	2.4 5.2	1.3		13.0	Sq.m Sq.m
		_				5.3	
=		1	3.5	1.5		59.595	Sq.m
		2	5.0	1.3		12.5	Sq.m
		1	2.4	1.4		3.4	Sq.m
		2	3.8	1.3		9.5	Sq.m
	-					216.3	Sq.m
							TOTA
	A	DDITIONA	AL WORKS				
	Construction	of paint sto	orage unit& :	Sludge stora	age, toilet		
14	Providing and constructing block mason CM1:6 including the cost of all material,					00*200*150r	nm size i
		2	9.0		2.7	48.6	Sqm
		5	3.0		2.7	40.5	Sqm
		1	1.8		2.7	4.9	Sqm
		2	16.0		0.3	9.6	Sqm
	Deductions-Doors	-3	1.0		2.1	-6.3	Sqm
						97.3	Sqm
15	Providing and applying 15mm thick cme	nt plastoring	n CM 1:4 for l	both internal	and extern	al masonry w	alls
15 318	including the cost of materials, labour, so				and extern	ai masomy w	uii3
कक्ष े	XXIII					194.5	Sqm

16	Providing and appying one coat primer and two coats of emulsion paint for both internal and external walls								
	including the cost of materials, labour, curing etc., complete.								
	Internal paint- Asian paints tractor emuls	ion or equiv	alent						
	External paint - Asian paints Apex or equi								
						175.3	Sgm		
	<del> </del>		<b>-</b>	1		175.5	34		
17	Providing and laying in position plain cem	ent concret	o in M15 grad	de for levellin	a course fo	r all works in	foundation		
17	The granite/trap/basalt crushed graded c								
	mixed, laid in layers not exceeding 150 m		· Daniel Community						
	cost of all materials of quality, labour, Usa			es, curing, an	d all the of	ner appurtena	ances		
	required to complete the work as per tec	nnical sneci	9.0	3.0	0.1	2.7	Cum		
		1	16.0	0.3	0.1	0.5	Cum		
		-	10.0	0.5	0.12	3.2	Cum		
						3.2	Cum		
			<u> </u>				1 11		
18	Providing and fixing vitrified tiles of size 6			1:6 and	in walls (30	0*450mm) ind	cluding the		
	cost of all materials, labour, curing, grout	packing etc	., complete.						
	floor tiles	1	3.0	3.0		9.0	Sqm		
	Wall tiles	4	3.3		1.5	19.8	Sqm		
							Jqiii		
						28.8	Sqm		
						28.8	+		
19	Providing and fixing of plumbing fittings.	aving inter	nal and waste	lines includi	ng the cost		Sqm		
19	Providing and fixing of plumbing fittings,	aying inter	nal and waste	e lines includi	ng the cost		Sqm		
19	etc., complete	aying interi		e lines includi	ng the cost		Sqm		
19			nal and waste	e lines includi	ng the cost	of all materia	Sqm ls, labour		
19	etc., complete  Waste line 110mm and 75mm both  PVC line 32mm for domestic water	1	20	lines includi	ng the cost	of all materia	Sqm Is, labour		
19	etc., complete Waste line 110mm and 75mm both	1	20 50	e lines includi	ng the cost	of all materia	Sqm Is, labour Rmt Rmt		
19	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in	1 1 1	20 50	e lines includi	ng the cost	of all materia	Sqm  Is, labour  Rmt Rmt		
19	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm	1 1 1	20 50	e lines includi	ng the cost	of all materia  20 50 20	Sqm  Is, labour  Rmt Rmt Rmt		
19	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary	1 1 1 2	20 50	e lines includi	ng the cost	of all materia  20 50 20	Sqm  Is, labour  Rmt Rmt Rmt		
19	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary fittings such as health faucet, angle cock Fixing wash basin with necessary fittings	1 1 1 2 2 2	20 50	e lines includi	ng the cost	of all materia  20 50 20 20 2	Sqm  Is, labour  Rmt Rmt No.s  No.s		
19	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary fittings such as health faucet, angle cock	1 1 1 2	20 50	e lines includi	ng the cost	of all materia  20 50 20	Sqm  Is, labour  Rmt Rmt Rmt No.s No.s		
19	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary fittings such as health faucet, angle cock Fixing wash basin with necessary fittings	1 1 1 2 2 2	20 50	e lines includi	ng the cost	of all materia  20 50 20 20 2	Sqm  Is, labour  Rmt Rmt No.s  No.s		
	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary fittings such as health faucet, angle cock Fixing wash basin with necessary fittings PVC bathroom doors 750*2100mm size	2 2.0	20 50 20			of all materia  20 50 20 2 2 2	Sqm  Sqm  Rmt  Rmt  Rmt  No.s  No.s  Lumpsu		
19	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary fittings such as health faucet, angle cock Fixing wash basin with necessary fittings PVC bathroom doors 750*2100mm size  Fabrication and erection of structural stee	1 1 2 2 2.0	20 50 20 ding the cost	of all materia		of all materia  20 50 20 2 2 2	Sqm  Sqm  Rmt  Rmt  Rmt  No.s  No.s  Lumpsu		
	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary fittings such as health faucet, angle cock Fixing wash basin with necessary fittings PVC bathroom doors 750*2100mm size  Fabrication and erection of structural stee coats enamel paint, labour, tools, consum	1 1 2 2 2 2.0 el roof includables, crane	20 50 20 ding the cost	of all materia		of all materia  20 50 20 2 2 2	Sqm  Sqm  Rmt  Rmt  Rmt  No.s  No.s  Lumpsu		
	etc., complete Waste line 110mm and 75mm both PVC line 32mm for domestic water Internal concealed plumbing lines in CPVC 20mm EWC with flush tank and other necessary fittings such as health faucet, angle cock Fixing wash basin with necessary fittings PVC bathroom doors 750*2100mm size  Fabrication and erection of structural stee	1 1 2 2 2 2.0 el roof includables, crane	20 50 20 ding the cost	of all materia		of all materia  20 50 20 2 2 2	Sqm  Sqm  Rmt  Rmt  Rmt  No.s  No.s  Lumpsu		





#### Udupi Cochin Shipyard Limited

Tender For Construction of Civil Foundation for Automated Blasting Machine UCSL/CC/T/CIVIL/236 Dt 19<sup>th</sup> February 2024

# UCSL/CC/T/CIVIL/236 Dt 19<sup>TH</sup> February 2024 TENDER FOR CONSTRUCTION OF CIVIL FOUNDATION FOR AUTOMATED BLASTING MACHINE

#### PRICE BID FORMAT

Sl. No.	Description	Quantity	Unit	Rate	Total
PAR	T-I / CIVIL WORKS (Construction of RCC Fou	undation)			
1	RCC floor chipping	58	Cu.m		
2	Earthwork in excavation for foundation	470	Cu.m		
3	Earthwork in soil filling	201	Cu.m		
4	Providing & laying PCC bed in M15	23	Cu.m		
5	Providing & laying RCC in M30	111	Cu.m		
6	Providing &fixing FE-550 TMT bars	8000	KG		
7	Supply & laying boulder soling	58	Cu.m		
8	Waterproofing works	220	Sq.m		
9				Γotal (Part-I) :	
PART	-II / ADDITIONAL CIVIL WORKS				
10	Block Masonry Works	98	Sq.m		
11	15mm Thick Cement Plastering in CM 1:4	195	Sq.m		
12	Paint Application	176	Sq.m		
13	PCC in M15 grade	4	Cu.m		
14	Vitrified tiles laying	29	Sq.m		
15	Plumbing Works	1	LS		
16	Structural Steel works	35	Sq.m		
17			T	otal (Part-II) :	
18		Gra	and Tota	al (Part I & II):	
19			CC	GST/SGST%	
20			Grand 7	Total Amount:	
Crane	total in words				

Grand total in words-

- i) The rates quoted should be all inclusive and shall include the service charges and other incidental expenditures, if applicable.
- ii) Quotes with Conditional rates / additional charges / Conditional discounts will be disqualified
- L1 will be determined based on the serial no.20



Signature:

Date:

Address of the contractor:

Seal: