

UNITED INDIA INSURANCE CO. LTD.,
HEAD OFFICE
24, WHITES ROAD,
ROYAPETTAH, CHENNAI

TENDER
FOR THE MAINTENANCE WORKS INVOLVING CIVIL AND
PLUMBING WORKS TO THE EXISTING FLATS FOR
UNITED INDIA INSURANCE CO. LTD, AT FLAT NO. 243/1,
GROUND FLOOR, ROHINI FLATS, ANNA NAGAR WEST,
CHENNAI - 600 101.

Consultants:



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**PROPOSED MAINTENANCE WORKS OF APARTMENTS FOR
UNITED INDIA INSURANCE CO. LTD., AT FLAT NO. 243/1, ROHINI FLATS,
ANNA NAGAR WEST, CHENNAI - 101**

SUMMARY OF WORKS

S.No	Description	Amount
A	Civil Maintenance Works	RS.
B	Water Supply & Drainage Works	
	Total Amount	RS.

In Words Rupees

Contractor

**PROPOSED MAINTENANCE WORKS OF APARTMENTS FOR
UNITED INDIA INSURANCE CO. LTD., AT FLAT NO. 243/1, ROHINI FLATS,
ANNA NAGAR WEST, CHENNAI - 101**

SCHEDULE OF QUANTITIES FOR CIVIL WORKS

S.No	Description	Quantity	Rate	Unit	Amount
1	<u>DISMANTLING WORKS</u>				
1.1	Chipping the ceiling plastering in all ceilings and cleaning of steel reinforcement for anti-corrosive treatment and carting away the debris out of the site and disposing it off to a place unobjectionable by the corporation authorities including all leads and lifts and as directed by the engineer-in-charge.	40.00	Sq. M	Sq. M	
1.2	Demolishing the existing cement flooring laid with CM 1:4 in water closet only, including the filled up materials in sunken areas and the deteriorated well steining, etc., carting away the debris out of the site and disposing it to a place unobjectionable by the corporation authorities including all leads and lifts and as directed by the engineer-in-charge.	2.00	Cu. M	Cu. M	
1.3	Dismantling the existing cracked/ wornout lintels from its place and disposing it off as above, including providing suitable under pinning supports etc., complete.	2.00	No.s	No.s	
1.4	Chipping the inner wall plastering in all wornout areas for patch plastering and cleaning the walls with area of each patch shall not exceeding 2.5 Sq. M	6.00	Sq. M	Sq. M	
1.6	Dismantling the existing wooden rotten cupboards from its location and disposing it to a place unobjectionable by the corporation authorities including all leads and lifts and as directed by the engineer-in-charge.	1.00	Job	Job	
1.7	Manufacturing, curing and placing in position of precast RCC lintels with CC 1:2:4 with 3 No.s 10mm steel reinforcement at top and bottom and 8 mm Stirrups at 150mm c/c and incl. packing and pointing the same on to the deteriorated lintel locations excluding wall plastering, incl. all incidental materials and labour etc., complete.	2.00	No.s	No.s	

S.No	Description	Quantity	Rate	Unit	Amount
1.8	Filling in sunk floors of toilets with integrated cement based waterproofing cement brick bat coba. All as per specification of approved firms listed above.	0.50 Cu. M		Cu. M	
1.9	Providing safety grill for the open well after dismantling the corroded grill, including two coats of enamel paint over a coat of metal priner.	80.00 Kgs		Kgs	
1.10	Construction of well steining with brick work and pillars in CM 1:5.	1.50 Cu. M		Cu. M	
1.11	Providing plastering for the entire platform at the rear side of the flats to drain off rain water including providing a screed with proper slope with cement mortar 1:4 with suitable admixtures to withstand cracking due to temperature variations.	35.00 Sq. M		Sq. M	
2	CHEMICAL TREATMENT WORKS				
2.1	Supply and application of water proofing treatment with cement screed concrete 1:1.5:3, upto 30mm tk. with water proofing admixtures from brands such as BASF/ Dr,Fixit/ Fastflex/ Flexi bond or equivalent for toilet sunken areas as per the manufacturers specification. The rate shall include cost, conveyance and labour etc., complete.	4.00 Sq. M		Sq. M	
2.2	Providing anti-corrosive treatment for the steel reinforcement using acrylic co-polymer based chemical coating from brands such as BASF/ Dr,Fixit/ Fastflex/ Flexi bond or equivalent	4.00 Sq. M		Sq. M	
2.3	Providing crack sealer using poly sulphide sealant for the visible cracks by cutting 'V' groove in the walls injecting the sealant including all leads and lifts and as directed by the engineer-in-charge.	30.00 R. M		R. M	

S.No	Description	Quantity	Rate	Unit	Amount
3	WOOD WORK				
3.1	Manufacturing and placing in position of ward robe using 19mm. thick BWR grade plywood as per the existing ward robe. All the plywood edges shall have teak wood lipping & the inner surfaces shall be painted.The exposed surfaces shall be pasted with 1mm laminate with necessary grooves as per the drawing. Necessary hardware fittings like draw sliders, lock, handles etc., shall be provided.	6.00 Sq. M		Sq. M	
3.2	Providing loft shutters using 19mm tk. Plywood for horizontals and verticals in the frame work and with same 19mm tk. Plywood for the shutters. All the plywood edges shall have teak wood lipping & the inner surfaces shall be painted.The exposed surfaces shall be pasted with 1mm laminate with necessary grooves as per the drawing. Necessary hardware fittings like hinges, tower bolts, handles, locks, etc., shall be provided.	4.00 Sq. M		Sq. M	
3.3	Providing and fixing in position doors for toilets using first class Padak hardwood door frames and water proof film faced flush door shutters of 35 mm thick including fittings and fixtures of stainless steel handles etc., complete.	2.00 No.s		Unit	
4	<u>PLASTERING</u>				
4.1	Providing and applying plastering for ceiling in single / two coats using CM 1:3 6mm to 10mm thick.	40.00 Sq. M		Sq. M	
4.2	Providing and applying plastering for inner surfaces of walls in single / two coats using cement mortar 1:5 in single coat 15 mm thick	30.00 Sq. M		Sq. M	

S.No	Description	Quantity	Rate	Unit	Amount
5	<u>FLOORING</u>				
5.1	<u>WATER CLOSET FLOORS:</u> Providing & fixing 1st quality ceramic anti skid floor tiles with basic tile price Rs. 45/- per sft, in different sizes confirming to IS: 15622 (thickness as per the manufacturer's specification) of approved make in all colours and shades except deep dark colours as approved, over a base 12 mm thick cement mortar 1: 3 and jointing with grey cement slurry @ 3.3 kg/sq m including pointing with white cement mixed with matching pigments etc., complete.	1.00 Sq. M		Sq. M	
5.2	<u>WATER CLOSET WALL DADDOING:</u> Providing & fixing 1st quality ceramic glazed wall tiles upto a height of 3'0" from finished floor tiles level, in different sizes to a maximum of 300 x 450 mm and with basic tile price Rs. 55/- per sft, confirming to IS: 15622 (thickness as per the manufacturer's specification) of approved make in all colours and shades except deep dark colours as approved in wall dado's skirting, etc., over a base 12 mm thick cement mortar 1: 3 and jointing with grey cement slurry @ 3.3 kg/sq m including pointing with white cement mixed with matching pigments etc., complete.	5.00 Sq. M		Sq. M	
6	<u>PAINTING</u>				
6.1	Providing and applying to ceiling two or more coats of acrylic washable distemper of approved manufacture and to desired shade to the ceiling two or more coats of CEMENT BASED PUTTY over a coat of primer, from brands such as Birla Putty or equivalent and as per the manufacturers specification for all internal surfaces of walls including scaffolding etc., complete.	40.00 Sq. M		Sq. M	
6.2	Providing and applying two or more coats of acrylic emulsion paint interior grade of approved manufacture and to desired shade over a coat of primer and two or more coats of CEMENT BASED PUTTY from brands such as Birla Putty or equivalent and as per the manufacturers specification for all internal plasterd surfaces of walls including scaffolding etc., complete.	40.00 Sq. M		Sq. M	

S.No	Description	Quantity	Rate	Unit	Amount
6.3	Providing and applying two or more coats of synthetic enamel paint over the existing painted surfaces as per manufacturer's specification for all sides of doors and steel works including scaffolding etc complete.	12.00		Sq. M	
7	MISCELLANEOUS WORKS				
7.1	Supply & fixing netlon mesh for all windows	8.00		Sq. M	
TOTAL				Rs.	

In Words Rupees

Contractor

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UNITED INDIA INSURANCE CO. LTD., AT FLAT NO. 243/1 ROHINI FLATS,
ANNA NAGAR WEST, CHENNAI - 101.**

SCHEDULE OF QUANTITIES FOR WATER SUPPLY & DRAINAGE WORKS

S.No	Description	Quantity	Rate	Unit	Amount
1	<u>CHROMIUM PLATED ITEMS</u>				
1.1	SFTC OF 15mm CP brass Sink cock with regular swinging spout(wall mounted) etc., complete. Sink cock-Parryware - Jade	1.00	Each	Each	
1.2	SFTC of 20mm CP concealed stop cock with flange for toilet areas including necessary hardwares etc.,complete.Parryware - Jade	4.00	Each	Each	
1.3	SFTC 15mm CP angle valve with flange for water purifier in pantry area including necessary hardwares etc., complete. Parryware - Jade	2.00	Each	Each	
1.4	SFTC of 15mm CP short body bib tap with flange, teflon tape etc., for IWC areas etc. complete. Parryware - Jade	2.00	Each	Each	
1.5	SFTC of 15mm CP long body bib tap including flange, teflon tape etc., complete. Parryware - Jade	1.00	Each	Each	
B	<u>DRAINAGE</u>				
1	<u>TOILET ACCESSORIES</u>				
1.1	Supplying and fixing CP double coat hook with necessary hardwares etc., complete.	2.00	Each	Each	
1.2	Supplying and fixing CP towel ring with necessary hardwares etc., complete.	2.00	Each	Each	
1.3	Supplying and fixing CP towel rod with necessary hardwares etc., complete.	2.00	Each	Each	
2	<u>CLEANING WORKS</u>				
2.1	Cleansing all the C.P fittings including providing spares in any and make good all the fittings fit for use.	1.00	Job	Job	
TOTAL					Rs.

In Words Rupees

Contractor

Signature with seal

LIST OF APPROVED CONSTRUCTION MATERIALS		
SL NO	DESCRIPTION	MAKE
	CONSTRUCTION MATERIALS	
	Sand and aggregates	Govt. approved quarries
	Grey cement	L & T/ Coromandel/, Ramco
	White cement	L & T/ Coromandel/, Ramco
	Steel	I steel/ ARS/ TATA Tiscon/ Kanishk/ Agni
	Ready mix concrete	L & T,
	Aerated concrete blocks	Aerocon, Siporex
	Strong room door/ ventilator	Godrej/ Chubb
	JOINERIES	
	Rolling shutters	Vinayaga/ Oms/ Daina
	Collapsible gates	Vinayaga/ Oms/ Daina
	Flush shutters	Kutty's/ Archid/
	UPVC windows	Fenesta, Sintex
	Glass	Saint Gobain/ Modi
	aluminium	Hindalco, Jindal
	Hardwares	Kich or equivalent
	TILES	
	Cement based interlocking blocks	Best quality available
	Cement based coloured paver tiles	Eurocon/ Ultra/ dazzle/ Beton
	Cement based coloured step tiles	Eurocon/ Ultra/ dazzle/ Beton
	Vitrified tiles	Asian/ Johnson/
	Ceramic glazed tiles	Johnson/
	Ceramic anti skid flooring tiles	Johnson/
	Adhesives, sealants & grouts	Laticrete
	PAINTS	
	Anti-corrosive treatment paints	Shalimar/
	Red-oxide/ Zinc chromate primer	
	Cement paints	
	Wall putty	Asian/ Shalimar/ JK
	Oilbound distemper	Asian/ Berger/ ICI
	Interior & exterior arylc emulsion	Asian/ Berger/ ICI
	Enamel paint	Asian/ Berger/ ICI
	Polishes	
	Glass	Saint gobain/ AIS
	PVC tanks	Sintex,
	alco panel	Euro Bond of equivalent
	Textur paint	Spectrum

LIST OF APPROVED WATERSUPPLY & DRAINAGE MATERIALS

SL NO	DESCRIPTION	MAKE
	<u>WATER SUPPLY ITEMS</u>	
	BOREWELL PUMPS	AQUA TEX/ TEXMO/ KIRLOSKAR
	SUBMERSIBLE/ CENTRIFUGAL PUMPS	"
	WATER METER	AQUAMET/ TOSHNIWAL
	INTERNAL WATER SUPPLY PIPES	
	CPVC - SDR - 11, 13.5 GRADE	ASTRAL/ AQUARIS/ ASHIRWAD
	CPVC SCH - 40, 80	"
	BRASS & GUN METAL VALVES	
	BALL VALVES	LEADER/ NORMAX/ TBS/ CIM
	NON RETURN VALVE/ CHECK VALVE	NORMAX
	AIR RELEASE VALVE	OR/ VB
	BUTTERFLY VALVE	NORMAX/AUDCO/LEADER
	Y' STRAINER	RB
	HOT WATER PIPE INSULATION	VIDOFLEX
	CHROMIUM PLATED ITEMS	
	CHROMIUM PLATED FITTINGS	JAQUAR/PARRYWARE/ ESS
	CHROMIUM PLATED ACCESSORIES	JAQUAR/PARRYWARE/ ESS
	<u>SANITARY & DRAINAGE ITEMS</u>	
	STAINLESS STEEL SINK	PARRYWARE/ NIRALI
	PORCELAIN ITEMS	PARRYWARE/HINDWARE
	FLUSHING CISTERN	SLIM LINE
	CLOSET SEAT COVER	PARRYWARE
	ELECTRIC WATER HEATER	RACOLD/ VENUS
	GRATINGS & COVERS	
	CI GRATINGS	NECO
	PVC GRATINGS	PRAYOG - SYMET
	CP GRATINGS/ANTI COCKROACH	CHILLY/NEER
	GRATINGS	
	SFRC COVER	K K PRECAST CONCRETE FABRICATORS
	CI/DI COVER	NECO
	DRAINAGE PIPES	
	PVC PIPES - 6kg/sq cm & SPECIALS	FINOLEX / PRINCE
	PVC SWR 'B' CLASS/ 'A' CLASS PIPES & FITTINGS	FINOLEX / PRINCE
	PIPE SUPPORTS & "U" CLAMPS	HI-TECH PIPE SUPPORTS
	FABRICATED FLOOR TRAPS, PIPE INSERTS (UPVC)	FREEDOM ENTERPRISES