

SCHEDULE OF QUANTITIES						
RAMAGUNDAM FERTILIZERS & CHEMICALS LIMITED						
RAMAGUNDAM SITE						
NAME OF WORK :- ANNUAL RATE CONTRACT FOR CONSTRUCTION & MISCELLANEOUS CIVIL JOBS IN RFCL PREMISES AT RAMAGUNDAM						
NIT No. : RFCL/Civil/Cont-27/ARC- Maint. Dated 16.11.2018						
Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE (Rs)	RATE IN FIGURE	AMOUNT IN (Rs)
CHAPTER -1 : CARRIAGE :						
1	Carriage of material by Mechanical transport including loading, unloading & stacking upto 1km I.e. within Factory/Township Areas.					
a)	Lime, moorum, building rubbish	Cu.M	250.00			
b)	Earth.	Cu.M	250.00			
CHAPTER - 2 : EARTH WORK :						
2	Earth work in excavation by Mechanical Means (Hydraulic Excavator) / Manual means in foundation trenches or drains not exceeding 1.5m in width or 10 sq.m. on plan including dressing of sides and ramming of bottoms, lift upto 1.5m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50m:					
	All kinds of soil	Cu.M	50.00			
3	Extra for every additional lift of 1.5m or part thereof in:					
	All kinds of soil	Cu.M	50.00			
4	Surface dressing of the ground including removing vegetation, and inequalities not exceeding 15cm deep and disposal of rubbish lead upto 50m and lift upto 1.5m:					
	All kinds of soil	Sq.M	2000.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering All works upto plinth level.					
a)	1:1.5:3(1cement:1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	Cu.M	25.00			
b)	1:2:4(1 cement : 2 coarse sand: 4 graded stone aggregate 20mm nominal size).	Cu.M	25.00			
c)	1:5:10 (1 cement:5 fine sand: 10 graded stone aggregate 40mm nominal size).	Cu.M	10.00			
6	Centering and shuttering including strutting, propping etc.and removal of form for:					
	Foundations, footings, bases of columns etc. or mass concrete and precast shelves.	Sqm	25.00			
	Suspended floors, roofs, landings balconies and access platforms.	Sqm	25.00			
	Shelves.(Cast in situ)	Sqm	15.00			
	Lintels, beams, plinth beams,girders,bressumers and cantilevers.	Sqm	25.00			
7	Reinforcement for RCC work mild steel rebar (TMT) including bending, binding,straightening and placing in position complete : ISI steel	Kg	100.00			
8	Cement concrete flooring 1:2:4(1 cement:2 coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry,but excluding the cost of nosing of steps etc.complete.					
	40mm thick with 20mm nominal size stone aggregate.	Sqm	100.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
9	Providing and fixing glass strips in joints of terrazo/cement concrete floors 40 mm wide and 4 mm thick	RM	50.00			
10	Providing and fixing 18 mm thick gang saw cut mirror polished, premoulded and prepolished machine cut for kitchen plateforms, vanity counters facias and similar locations of required size of approved shade colour and texture laid over 20 mm thick base cement mortar 1 : 4 (1 Cement : 4 Coarse sand) with joints treated with white cement mixed with matching pigment, epoxy touch up including rubbing curing etc. complete : Area over 0.50 Sq.M.					
a)	Granite or any colour and Shade	Sq.M	5.00			
11	Providing and fixing pressed 3 layer partical board medium density exterior grade (grade 1)(like Novapan, Ecoboard etc.) or graded woodarticle board (like Bhutan Board) IS :3087 marked to frame, backing or studding with screws etc. , complete (Frames, backing or studdingto be paid separately)					
	18mm thick	Sq.M	5.00			
12	Providing and fixing wire gauze shutters for doors, windows and clerestory windows using galvinised M.S.wire gauge of average width of aperture 1.4mm with wire of dia of 0.63mm including ISI marked bright finished or/and black enamelled M. S. butt hinges with necessary screws.					
a)	Teak/Hollock wood - 35 mm thick.(Without Kiln Seasoning & Chemical Treatment)	Sq.M	250.00			
13	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete :					
a)	100x58x1.9mm	EACH	400.00			
b)	75x47x1.7mm	EACH	25.00			
14	Providing & fixing chrominium plated brass 100mm mortice latch and lock with 6 levers & a pair of lever handles with necessary screws etc. complete (Best make of approved quality Godrej, Bolt, Link etc.)	EACH	5.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
15	Providing and fixing Aluminium Tower Bolts anodised transparent or dyed to required colour / shade with necessary screws complete :					
a)	200 X 10 mm	EACH	200.00			
b)	150 X 10 mm	EACH	200.00			
c)	100 X 10 mm	EACH	200.00			
d)	Aluminium Sliding Bolt complete set	Each	100.00			
16	Providing and fixing Aluminium handles anodised transparent or dyed to required colour / shade with necessary screws etc. complete :					
a)	100 mm	EACH	200.00			
17	Providing & fixing aluminium hanging floor door stopper anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. Twin rubber stopper	EACH	50.00			
18	Providing and fixing ceramic glazed floor tiles 300 X 300 mm (Thickness to be specified by manufacturer) of 1st quality conforming to IS:15622 of approved make in any colours such as White, Ivory, Grey, Fume Red Brown etc. laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse Sand) including pointing the joints with white cement and matching pigment etc., complete. of matching shade complete.	Sq.M.	50.00			
19	12mm cement plaster of mix 1:6 (1 cement : 6 fine sand).	Sq.M	100.00			
20	15mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement : 6 fine sand).	Sq.M	200.00			
21	12mm cement plaster 1:3 (1 Cement : 3 Fine sand) finished with floating coat of neat cement.	Sq.M	100.00			
22	Pointing on brick work or Brick Flooring with cement mortar 1:3 (1 cement : 3 fine sand) :					
	Flush / ruled / struck or weathered Pointing.	Sq.M	100.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
23	Providing & laying polished Vitrified Floor Tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 0.08 % and confirming to IS 15622 of approved make in all colours and shades laid on 20mm thick cement mortar 1 : 4 (1 cement : 4 coarse sand including grouting the joints with white cement and matching pigments etc. complete					
	l) Size of tile 80 Cm x 80 Cm / 60 Cm X 60 Cm	Sqm	100.00			
24	Providing and fixing glass panes and re-fixing to existing aluminium/ wooden fillets					
a)	Float Glass panes of thickness 4 mm	Sq.M	20.00			
b)	Float Glass panes of thickness 5 mm	Sq.M.	20.00			
25	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground with in 50 metre lead.	Sq.M	100.00			
26	Providing and fixing / replacing white vitreous china pedestal type (European type/wash down type) water closet pan of approved make	EACH	10.00			
27	Providing and fixing / replacing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS 7231, with all fittings and fixtures complete					
	10 litre capacity - White	EACH	10.00			
28	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan of ISI make Parryware/Hindware/Seabird/Orient (Coral) or equivalent with C.P. brass hinges, rubber buffers etc. complete:					
	White/creme colour Solid Plastic Seat with lid	EACH	10.00			
29	Providing and fixing PVC/G.I. inlet connection for flush pipe connecting with W.C. Pan	EACH	5.00			
30	Providing and fixing / replacing white vitreous china wash basin including making all connections but excluding the cost of fittings :					
a)	Flat back wash basin of size 550x400mm.	EACH	5.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
31	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C.waste fittings complete.					
a)	semi rigid pipe 32 mm dia	EACH	100.00			
b)	semi rigid pipe 40 mm dia	EACH	100.00			
32	Providing and fixing / replacing 600 X 450 mm bevelled / Plain edge mirror of superior quality glass (of approved quality) complete with 5.5/6mm thick hard board or other fixing arrangement etc.	EACH	15.00			
33	Providing and fixing plain bend of required degree					
	100mm Sand cast iron S&S as per IS 1729	EACH	10.00			
34	Providing and fixing PTMT / CP Brass towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality & colour and make 600 mm long towel rail with total length of 645 mm, width 78mm and effective height of 88mm,weighing not less than 190 gms	Each	10.00			
35	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. (internal work) :Exposed on wall					
a)	15mm nominal bore.	METRE	50.00			
b)	20mm nominal bore.	METRE	50.00			
c)	40 mm nominal bore	METRE	20.00			
d)	50 mm nominal bore	METRE	20.00			
36	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (external work).					
a)	15mm nominal bore.	METRE	25.00			
b)	20mm nominal bore	METER	15.00			
c)	40 mm nominal bore	METRE	20.00			
d)	50 mm nominal bore	METRE	20.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
37	Providing and fixing ball valve (Brass) of approved quality complete :					
	High or low pressure with plastic floats 15mm nominal bore	EACH	100.00			
38	Providing and fixing unplasticised P.V.C. connection pipe with brass unions : 45 Cm length - 15 mm nominal bore	EACH	100.00			
39	Providing and fixing C.P.Brass bib cock / Stop Cock / Angle Cock of approved quality 15 mm nominal bore	EACH	15.00			
40	Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standrad tublar and other sections of approved make confirming to IS:733 and IS:1285 ,anodised transparents or dyed to required shade according to IS:1868.(Minium anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips,or with expansion hold fastners including necessary filling up of gaps at junctions at top,bottom and sides with required PVC /neoprene felt etc. Aluminium sections shall be smooth, rust free, straight mitred and jointed mechanically wherever required including cleat angle,Aluminium snap beading for glazing/panelling C.P. brass/stainless steel screws all complete as per Architectural drawings and the directions of Engineer- in- charge.(Glazing and panelling to be paid for separately)					
a)	For fixed portion.	KG	10.00			
b)	For shutters of doors, windows and ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the cost of PVC/neoprene gasket required	KG	10.00			
41	Providing and fixing glazing in aluminium door,window, ventilator shutters and partitions etc. with PVC / neoprene gasket etc. complete as per the structural drawings and the direction of Engineer in charge (cost of aluminium snap beading shall be paid in basic item)					
a)	With float glass panes 4 mm thickness	Sq.M	10.00			
b)	With float glass panes of 5.5 mm thickness	Sq.M	15.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
42	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, Hardwyn make (Model 3000) or equivalent for doors including cost of cutting floors a required, embedding in floors and coverplates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With Stainless Steel cover plate	EACH	10.00			
43	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs etc. wherever necessary complete : 12 mm dia	Mtr	50.00			
44	Providing and fixing kitchen sink with CI brackets, CP brass chain with rubber plug 40 mm CP brass waste complete including painting the fittings & brackets, cutting & making good the walls wherever required. Steel/white glazed fire clay kitchen sink size 600x400x250 mm	Each	2.00			
45	Supply at angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 Cm length and drilling holes upto 10mm dia etc complete	KGS	50.00			
46	Supplying,fabrication and fixing 1.2 mtrs high GI Chain Link fencing with 3.5 mm dia wire, 50*50mm diamond mesh chain link fence fabric conforming to IS 2721 fixed to steel/RCC post above ground level, including supply of 1.2 mtr wide chain link fencing i	METRE	50.00			
47	Providing & Fixing of safety lock of multiple levers to the existing door shutters with necessary nuts, bolts and screws and welding etc.	Each	80.00			
	NON-SCHEDULED ITEMS					
NS-1	Erection / fixing in position to the true line and level the Safety sign boards (Only erection charges of boards)	Each	25.00			
NS-2	a) Providing and fixing / replacing C.P. brass pillar cock 15 mm including removing old cock wherever required.	Each	10.00			
	b) Providing and fixing / Replacing PVC syphon with fittings of approved quality for low level flushing ciltern.	Each	10.00			
NS-3	Repair of Bib Cock / Stop Cock / Pillar Cock/ Ball cock/ Ball valve					
	i) By adjustment or / and by providing washers	Each	500.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
NS-4	Rectification of seepage from WC / floor traps including demolishing of floors, walls etc. and making good the same in original condition to make it leak proof .	Each	15.00			
NS-5	Providing and Fixing CP Hand Faucet / Hand shower for washing of IS mark of Hindware, Jaquar or equivalent. With supply pipe complete set to WCs	Each	10.00			
NS-6	Repairs / rectification / low level flushing cistern / urinal cistern ,complete to avoid overflow and for smooth functioning.	Each	100.00			
NS-7	Cleaning of sewer lines of any size of effluent sewer / oil sewers / chemicals sewers for smooth functioning of sewer lines including removing chockings and removing / refixing of CI / MS or concrete covers, in the sewers with all labour and tools and cleaning of manholes:					
	i) Upto 1 M depth	Metre	700.00			
	ii) More than 1 M Depth	Meter	600.00			
NS-8	Cleaning /removing chocking of Manhole of any size / depth including taking out muck / debries for smooth flow of sewers	Each	200.00			
NS-9	Removing chokage of WC / Floor Trap / Gully Trap including removal and refixing of CI / MS or concrete covers of Gully Traps	Each	300.00			
NS-10	Replacement of fly proof galvanized M.S. wire gauge to doors. Windows etc. (Wire gauge designation 85G with wire dia 0.56mm). With old / by providing new wooden beeding	Sq.M	150.00			
NS-11	Providing and fixing / replacing approved quality hydraulic door closure to door including removal of old one if any.	Each	10.00			
NS-12	Providing and fixing of wooden cleat for stopping the door/ window including hinges etc in complete	Each	100.00			
NS-13	a) Repair/maintenane of already installed Aluminium door shutters at all heightsincluding replacement of cap Washers of hinges, oil seals of floor door springs, greasingfixing of damaged/missing rubber lining, replacement of damaged/missing aluminium glazing strips, removal and installation of shutters if required for to put it in good working conditionvcomplete in all respects as per the direction of Engr-in-charge(Nothing extra shall be paidof the minor replacements. Each dorr frame irrespective of the Nos. of shutters it contains, shall be treated and measured as One unit)	Each	10.00			
	b) Replacement of damaged floor door springs including(double action) of heavy duty ISI mark	Each	2.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
NS-14	Assisting in executing various un-measurable jobs for urgent and unforeseen plant requirements / for making arrangements for organizing various functions / social activities :					
	i) Skilled jobs(Plumber/Carpenter/Mason etc)	Each	500.00			
	ii) Un-skilled jobs	Each	750.00			
NS-15	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in : cement mortar 1:6 (1 cement: 6 fine sand)	Cu.M	50.00			
NS-16	Half brick masonry with bricks of class designation 75 in superstructure in cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	25.00			
NS-17	Providing and fixing M.S.Griil of required pattern in wooden for windows etc. with M.S. flats, square or round bars etc. all complete.					
a)	Fixed to steel windows by welding.	Kg.	25.00			
b)	Fixed in opening/wooden frame with rawl plugs screws or hold fast etc.	Kg.	100.00			
NS-18	Providing and fixing ISI marked oxidised M.S. hasp and staple(safety type) cnforming to IS:363 with necessary screws etc. complete.					
	115mm	EACH	150.00			
NS-19	Providing and fabrication of structural steel with MS angles, flats, plates , channels, ISMB ,pipes and other section of steel including descaling and primer and painting of required shade of colour.	Kg	500.00			
NS-20	Precast cement concrete inter locking paver (Tiles) with surface prepared with water cement ratio less than 0.3 and compressed under the Hydraulic Pressure. The compressive strength of inter locking paver shall not be less than 200 kg/CM2.					
	i I Shape 200x160 mm x 60 mm	Each	500.00			
	ii I Shape 200x160 mm x 80 mm	Each	500.00			
	iii Laying of interlocking tile with supply of sand and filling joints complete	Sqm	50.00			

Sr. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	RATE IN	AMOUNT IN
				(Rs)	FIGURE	(Rs)
NS-21	Supplying and fixing at site RCC 1:1.5:3 Post length 1800 mm and having bottom size 150mmx150 mm on top size 100mmx100mm with reinforcement vertical bar 4 No. 6 dia stirups 6 mm dia 9 No. including pit excavation. PCC in foundation if provided shall be paid extra.	Each	10.00			
NS-22	Supplying and fixing at site RCC 1:1.5:3 strut length 2000 mm and having bottom size 100mmx100 mm on top size 100mmx100mm with reinforcement vertical bar 4 No. 6 dia stirups 6 mm dia 10 No. including pit excavation. PCC in foundation if provided shall be paid extra.	Each	5.00			
NS-23	Grinding the existing Marble stones / Mosaic floors, skirting, dados , platform , or any other area manually or by machines including finishing, polishing complete (The grinding stone, machine, polish & detergents will be arranged by the contractor at his cost					
	i) Ordinary finish	Sqm	1000.00			
NS-24	Providing and fixing / replacing bright finished or/and black enamelled MS helical door spring / coil spring with necessary nuts / bolts / nails / screws ,welded etc	Each	50.00			
NS-25	Removing the honey bee home from tree and houses etc and disposed off the removed material to dumping place in plant premises.	Each	10.00			
	WHITE WASHING & PAINTING WORK					
NS-26	White Washing with lime to given an even shade					
	a) New work (Three or more coats)	Sq.M	100.00			
	b) Old work (One or more coats)	Sq.M	200.00			
NS-27	Distempering with oil bound washable distemper of approved manufacturer of any of the companies mentioned at clause no. 3.7 of Technical terms and conditions, to give an even shade.					
	a) New work (two or more coats)	Sq.M	100.00			
	b) Old work (one or more coats)	Sq.M	1500.00			
NS-28	Providing and applying of waterproof exterior decorative cement painting of approved make and approved shade,cleaning,including preparation of surfaces ,curing etc all complete as per EIC	Sq.M	1500.00			

