

**REGIONAL OFFICE HARYANA
EMPLOYEES' STATE INSURANCE CORPORATION
PANCHDEEP BHAWAN, SECTOR-16, FARIDABAD**

ESTIMATE

Name of work:-Annual Repair and Maintenance of Civil Work Residential ,Non Residential & Dispensaries & Regional Office ,Branch Offices (NH-V,Sector-27B, and Sector-8) Sector -16 at Faridabad during the year 2013-2014 (for the period of 12 months of (w.e.f 01- 05 2013 to 30-04-2014).

ABSTRACT OF COST

1. PART-I	Rs.
2. PART-II	Rs.
3. PART-III	Rs.
4. PART-IV	Rs.
5. PART-V	Rs.

TOTAL AMOUNT Rs.

**REGIONAL DIRECTOR
ESIC REGIONAL OFFICE
FARIDABAD HARYANA.**

ABSTRACT OF COST-SCHEDULE OF QUANTITY

Name of work:-Annual Repair and Maintenance of Civil Work Residential ,Non Residential & Dispensaries & Regional Office ,Branch Offices (NH-V,Sector-27B, and Sector-8) Sector -16 at Faridabad during the year 2013-2014 (for the period of 12 months of (w.e.f. 01- 05 2013 to 30-04-2014).

PART - 1

A. Supply and services of workers in Shifts as per Schedule Format III A.

S. No.	DESCRIPTION OF ITEMS	QTY	RATE PM	UNIT	AMOUNT(Rs)
1	Maintaining an office in space provided by ESIC and attending to repair maintenance work with the maintenance staff as mentioned in format with all required helper, tool and plant in attendance six days in the week from 9a.m. To 5p.m.	12 Month		1 Month	

Rate for supply of Manpower as per III-A

S.No	Designation	Nos.	Skilled/ Unskilled	Rate Per Month	Amount (Annual)
1	Supervisor	1	Skilled		
2	Plumber	1	Skilled		
3	Beldar/Helper	8	Unskilled		
4	Mason	1	Skilled		
5	carpenter	1	Skilled		
6	Sewerman	1	Unskilled		
7	Pump operator	3	Skilled		

Total Amount-Rs

Statuary liability such as ESI (Employer share) EPF (Employer share) as applicable besides other taxes from time to time are inclusive in above rates. Service tax if paid will be re-reimbursed on production of proof of payment.

BILL OF QUANTITY

PART-II

S. No.	PARTICULAR OF ITEMS	QTY	RATE	UNIT	AMOUNT
1	Cutting/clearing gajar grass, removal of grass and rubbish etc. outside the periphery of the area cleared (grass should not be burnt) once in every 6 months or on requirement subject maximum to 3 times in a contract year in open land of RO residences, local office and dispensaries (Total area of premises is about 45000 sqm).	3		job	
2	Cleaning of overhead and underground tanks are required to be cleaned once in every 6 months at RO premises.	2		job	
3	Water should be tested from Shriram Lab. or any Govt. Approved Lab. On the quarterly bases.	4		job	
4	Providing and fixing aluminum/counter with pre-laminated 19mm thick board/5mm thick glass panes.	5		sqm	
5	Letter writing on wall surface including required materials.	10		sqm	
6	Carriage of malba by tractor trolley (building rubbish, grass etc.) at the designated municipal	40		Per trolley	

	place.				
7	Carriage of garbage/rubbish by tractor trolley and dumping to municipal trenching ground on regular bases/requirement.	12		Per trolley	
8	Providing and fixing door closer/bottle type.	5		each	
9	Providing and fixing Door Handle matching with existing handle	5		each	
				Total	

PART-III

S. No.	DSR No.	DESCRIPTION OF ITEMS	QTY	RATE	UNIT	AMOUNT
1	14.42.1	White washing with lime to give an even shade :Old work (two or more coats)	2000		sqm	
2	14.43	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	2000		sqm	
3	14.45.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : Old work (one or more coats)	1000		sqm	
4	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	1000		sqm	
5	14.53.1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade : One or more coats on old work	100		sqm	
6	14.54.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	100		sqm	
7	13.41.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including	100		sqm	

		water thinnable priming coat with cement primer				
8	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	200		sqm	
9	13.26	Providing and applying plaster of paris putty of 2 mm thickness overplastered surface to prepare the surface even and smooth complete.	100		sqm	
10	13.50.1	Applying priming coat :With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	60		sqm	
11	9.101.2	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screw setc. complete. Twin rubber stopper	30		each	
12					Total	

PART-IV

S. No.	DSR No.	DESCRIPTION OF ITEMS	QTY	RATE	UNIT	AMOUNT
1	6.4.2	Brick work in FPS bricks of class designation 75 superstructure above plinth level upto floor 5 th level in all shapes and sizes in. Cement mortar 1:6 (1 cement : 6 coarse sand)	12		cum	
2	9.48.1	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding	210		kg	
3	9.48.2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.	100		kg	
4	9.51.1	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.	40		sqm	

		With 2nd class teak wood beading 62X19 mm				
5	13.4.2	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	120		sqm	
6	13.5.1	15 mm cement plaster on rough side of single or half brick wall of mix : 1:4 (1 cement: 4 coarse sand)	100		sqm	
7	14.1.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1 cement : 4 fine sand)	50		sqm	
8	14.5.1	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 4 mm	80		sqm	
9	14.5.2	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 5.5 mm	40		sqm	
10	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing	10		each	

		<p>cistern, including flush pipe, with manually controlled</p> <p>device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests</p>				
11	17.3.1	<p>Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid</p>	5		each	
12	17.7.2	<p>Providing and fixing wash basin with C.I. brackets, 15 mm C.P. Brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass</p>	10		each	

		pillar tap				
13	17.10.2.1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS : 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510 mm bowl depth 200 mm	10		each	
14	17.32.2	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 453x357 mm	12		each	
15	10.6.1	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25	2		sqm	

		mm M.S. laths with 1.25 mm thick top cover				
16	10.7	Providing and fixing ball bearing for rolling shutters.	5		each	
17	18.31.5.2	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : Class II	1		each	
18	19.1.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 100 mm diameter	40		metre	
19	19.2.1	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design : 100 mm diameter S.W. Pipe	30		metre	
20	19.3.1	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design : 100 mm diameter S.W. Pipe	30		metre	
21	19.4.2.1	Providing and fixing square-mouth S.W. gully trap class SP-1 complete	5		each	

		<p>with C.I. grating brick masonry chamber with water tight C.I. cover</p> <p>with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : 150 x 100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</p>				
22	19.7.1.1	<p>Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt</p>	5		each	

		clay F.P.S. (non modular) bricks of class designation 7.5				
23	19.8.1.1	Extra for depth for manholes : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2		metre	
24	19.21.1	<p>Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides</p> <p>with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a</p> <p>floating coat of neat cement and making necessary channels for the drain etc. complete :</p> <p>For pipes 100 to 250 mm diameter</p>	5		each	
25	18.10.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 15 mm dia nominal bore	100		metre	
		20 mm dia nominal bore	50		metre	
		25 mm dia nominal bore	50		metre	
		32 mm dia nominal bore	10		metre	

26	9.21.3	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	12		sqm	
27	9.21.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	20		sqm	
					Total	

PART-V

Sr. no	PARTICULAR OF ITEMS	QTY.	RATE	UNIT	AMOUNT
1	Cement (OPC)	25		Per bag	
1	Cement (PPC)	110		Per bag	
3	Cement (White)	6		Per bag	
4	Coarse Sand	40		Cum	
5	Fine Sand	15		Cum	
6	Bricks Class I / Class II	1200		Nos.	
7	Water Proofing material	150		Kg	
8	Stone Aggregate 20 mm nominal size	10		Cum	
9	Blaching Powder	80		Kg	
10	Sodium Hypochlorite (water Disinfectant)	50		Kg	
11	Pottasium Permagnate	25		Kg	
12	Wall Tile (Somany, Kajaria,Johnson,Etc)	40		Sqm	
13	Synthetic enamel paint Berger, Asian Etc	45		Litre	
14	G.I. Pipes B class (Jindal, Unik,Etc)				
	15mm	120		mtr.	
	20mm	50		mtr.	
	25mm	70		mtr.	
	32mm	15		mtr.	
	40mm	10		mtr.	
	50mm	10		mtr.	
	65mm			mtr.	
	80mm	5		mtr.	
15	G.I Tees (Equal)				
	15mm	120		each	
	20mm	40		each	
	25mm	30		each	
	32mm	20		each	
	50mm	10		each	
16	G. I. Union				
	15mm	100		each	
	25mm	30		each	
	32mm	30		each	
	50mm	30		each	
	65mm	20		each	
	80mm	5		each	
17	P.V.C. Water storage Tank with Top Cover and Suitable Locking Arrangement (Sintex , Reno or other standard make confirms BIS)	2000		litre	
18	Shower Rose C.P. Brass for 15 to 20mm inlet 100mm Dia.	60		each	
19	H.P. Or L.P. Ball value with polythene floats.				
	15mm	80		each	
	20mm	15		each	
	25mm	15		each	
20	C.P. Brass bib Cock				
	15mm	80		each	
21	C.P. Stop Cock				
	15mm	80		each	

22	C.P. Brass Stop Cock				
	15mm	50		each	
23	P.T.MT Stop Cock (Concealed) 15mm				
	15mm	30		each	
24	PT. MT Bib Cock with nozzle				
	15mm	50		each	
25	C.p Brass Pillar Cock				
	15mm	50		each	
	100mm	25		each	
26	C.I Grating				
	100X100mm	40		each	
	100X150mm	20		each	
	100X180mm	10		each	
27	Gun metal gate valve with C.I wheel of approved quality (screwed end) :				
	15 mm nominal bore	20		each	
	20mm nominal bore	10		each	
	25mm nominal bore.	10		each	
	50mm nominal bore	5		each	
	65 mm nominal bore	3		each	
	80 mm nominal bore	2		each	
28	Ply Wood Ply wood 5 PLY WITH COMMERCIAL Ply.				
	6mm	20		Sqm	
	9mm	10		Sqm	
	12mm	10		Sqm	
29	Unplasticised P.V.C. Connection pipe with brass union 30 cm long.				
	15mm bore	50		each	
	Unplasticised P.V.C. Connection pipe with brass union 45 cm long.				
	15 mm bore	40		each	
30	G.I. Socket				
	15mm	50		each	
	20mm	25		each	
	25mm	20		each	
	50mm	10		each	
	80mm	5		each	
31	G.I. Elbow				
	15mm	120		each	
	20mm	25		each	
	50mm	10		each	
	65mm	5		each	
	80mm	5		each	

32	C.I Sluice valve Class necessary Fittings Complete in all respects				
	C.I sluice Value (with caps) class I :100 mm dia	5		each	
	C.I sluice Value (with caps) class I :125 mm dia	2		each	
	C.I sluice value (with caps) class I : 150 mm dia	2		each	
	C.I sluice value (with caps) class I : 200 mm dia	2		each	
33	M.s Powder coated curtain rod				
	25mm dia	10		each	
34	M.S Power coated side bracket for curtain rod with screws & accessories complete in all respect..	30		Pair	
35	G.I Nipple				
	15mm dia				
	50mm	100		each	
	75mm	50		each	
	100mm	50		each	
	150mm	100		each	
	225mm	80		each	
	300mm	20		each	
36	20mm dia				
	500mm	30		each	
	75mm	20		each	
	100mm	30		each	
	150mm	20		each	
	225mm	10		each	
	300mm	10		each	
37	25mm Dia				
	50mm	20		each	
	75mm	15		each	
	100mm	10		each	
	150mm	10		each	
	225mm	10		each	
	300mm	5		each	
38	50mm Dia				
	50mm	5		each	
	75mm	5		each	
	100mm	5		each	
	150mm	5		each	
	225mm	5		each	
	300mm	5		each	
39	Aluminium Sheet 20 Gauge	10		each	
	Aluminium sheet 15 Gauge	10		each	
	Aluminium Sheet 22 Gauge	10		each	
40	Bamboo 25 mm dia 2.5 meter long	20		each	
41	Chlorinate Polyvinyl – chloride (CPVC) pipe 50 mm outer dia (Supreme, Finolex etc)	80		mtr.	
42	Bright finished brass hanging type floor door stopper with necessary screws, etc. complete	50		each	
43	Aluminium Door Handle For wooden Doors	50		each	
44	Aluminium Door Handle For wooden Windows	50		each	
45	P.V.C. Plastic Doors (Sintex, Finolex Etc)	10		each	
46	Grab rail	50		each	
47	Soap holder	80		each	
48	P.V.C Single equal tee				
	75X75X75mm	10		each	
	110mmX110X110mm	5		each	

49	P.V.C Bend			
	75mm	5		each
	110mm	5		each
50	P.V.C Plain shoe Bend			
	75mm	5		each
	110mm	5		each
51	Mild Steel corners with hooks			
	75mm	100		each
	110mm	80		each
52	Chromium plate Brass screws			
	20mm	500		100 nos
	25mm	500		100 nos
	30mm	500		100 nos
	40mm	500		100 nos
	50mm	500		100 nos
	60mm	400		100 nos
53	Nails of mixed sizes	15		Kg
54	M-Seal	3		Kg
55	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia. Of wire 0.63 mm sq	30		sqm
56	Chain link fabric fencing mesh of size 50X50 mm made of G.I wire of dia 4 mm	20		
57	Polyvinyl chloride sheet 400 micron thick	25		sqm
	4mm	15		sqm
58	Vitreous china 10 liters low level cistern without fittings	20		sqm
59	Spindle Brass	50		each
60	Face Inner of Bib Cock	50		each
61	Iron hooks With Metal string in Balcony for cloth drying	50		each
62	Sunmica	25		sqm
63	Fiber glass tissue reinforcement Type II Grade I	50		sqm
64	Oxidised mild steel tower bolt (barrel type)			
	100X10mm	50		each
	150X10mm	50		each
	250X10mm	20		each
65	Grass Cutting machine			
	Blade Repair	10		each
	Handle	10		each
	Gear New	10		each
	Bearing	10		each
	Fly pin	50		each
	Wooden Roller	25		each
	Rubber Tyre	5		each
	Gallen Suita	15		each
66	Jet Spray	20		each
67	P.V.C pipe 25mm	10		mtr.
68	100mm Dia. G.I Pipe leakage Correction including cutting threading & fitting complete in all respect.	2		per. Job
69	G.I. Elbow			
	100mm	10		each
70	G.I. Socket			
	100mm	10		each
71	G.I Nipple 150mm Dia			
	100mm	10		each
72	15mm Nut Bolt	10		each
73	150mm Rubber Sheet	15		each
74	Brass full way valve with C.I wheel (screwed end) 65mm dia	5		each
75	decorative laminated sheet			
	1mm	20		sqm
	1.5mm	10		sqm

76	Office Building Maintenance				
	C.P Fitting (High Quality Fittings only As per direction of Engineer In-Charge.				
	C.P Bib Cock (Zim, Jaguar etc)	10		each	
	C.P Pillar Cock (Zim, Jaguar etc)	10		each	
	Angle valve (Zim, Jaguar etc)	10		each	
	Tower bolt 300mm	10		each	
	Large Flat back Urinal (Parryware, Cera,Etc)	3		each	
	Hand Spray Telephone Type (Jaguar,Zim,Etc)	10		each	
	W.C Indian Type (Parryware, Cera etc)	3		each	
	W.C European Type (Cera, Parryware, etc)	3		each	
	Mirror of superior Quality (Modi Guard etc)	5		each	
	Soap Dispenser	10		each	
	Oval Shape Washbasin (Parryware, Cera, Hindustan etc)	2		each	
	Bottle Trap	5		each	
	Granite Counter Slab Stone 8mm Thick	3		each	
	Handle Door For Office Building & Toilets (Door set)	5		each	
	Floor Tile (60X60mm) Johnson, (Somany,Kajaria etc)	5		sqm	
	Push Flush System	5		each	
	Floor door stopper for office building	20		each	
				TOTAL	
			Grand Total		

The rates are provided from D.S.R 2012 and lowest market rate which are verified personally quantity provided are sufficient for the year 2013-2014 further escalation in quantities of material would taken into consideration by engineer in-charge.