

Schedule of Rate

Name of work: Modification of Director Office at New Administrative Building.

Completion period: 30 days.

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	20			
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	Sqm	16			
3	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	75			
4	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sqm	75			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
5	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	2			
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
	(a) Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	15			
	(b) Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	10			
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo Mechanically Treated bars of grade Fe-500 D or more.	Kg	250			

OR:-
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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
8	Providing and fixing 18 mm thick gang saw cut mirror polished (premoulded and polished) machine cue for kitchen platforms, vanity counters, window sills, 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, expoxy touch ups, including rubbing, curing, moulding and polishing to edge to give gloss finish etc., complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm.	Sqm	1.50			
9	Extra for providing edge moulding to 18 mm thick granite stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc., complete as per design approved by Engineer – in – Charge. Granite work.	Meter	1.50			
10	Extra for fixing marble / granite stone over and above corresponding basic item, in facia and drops of width up to 150 mm with expoy resin based adhesive including cleaning etc., complete.	Meter	1.50			
11	Extra for providing opening of required size and shape of wash basins / kitchen sink in kitchen platform, vanity counters and similar location in marble / granite / stone work including necessary holes for pillar taps etc., including rubbing and polishing of cut edges etc., complete.	Each	1.00			

OR:-
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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
12	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Sal wood	Cum	0.25			
13	Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, all complete as per directions of Engineer-in-charge and panelling with panels of : 12 mm thick pre-laminated particle board (decorative lamination on both sides) grade -1, medium density flat pressed, three layer particle board FPT- I or graded wood particle board FPT- I, conforming to IS : 3087, bonded with BWP type synthetic resin adhesive as per IS : 848 and prelaminated conforming to IS : 12823, Grade 1, Type - II marked :	Sqm	6.00			
14	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	20.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
15	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	3.00			
16	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	Each	1.00			
17	Providing and fixing aluminium sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc.,complete: 300 x 16 mm	Each	8.00			
18	Providing and fixing aluminium tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc.,complete. 300 x 10 mm	Each	8.00			
19	Providing and fixing aluminium hanging floor door stopper ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc.,complete: Twin rubber stopper	Each	8.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
20	Providing and fixing PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm (\pm 0.2 mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.	Meter	5.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
21	35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge. Decorative finish (wood grained finish)	Sqm	2.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
22	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required EPDM rubber / neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all compete as per architectural drawings and directions of Engineer – in – charge. (Glazing and paneling to be paid for separately): For fixed portion - Powder coated aluminium (minimum thickness of powder coating of 50 micron). Coloured	Kg	250.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
23	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required EPDM rubber / neoprene gasket etc., Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all compete as per architectural drawings and directions of Engineer – in – charge. (Glazing and paneling to be paid for separately): For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating of 50 micron). coloured	Kg	25.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
24	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I Type II, in paneling fixed in aluminium doors, windows shutter and partitions frames with C.P. brass / stainless steel screws etc., complete as per architectural drawings and directions of Engineer - in - Charge. Pre-laminated particle board with decorative lamination on both sides	Sqm	28.00			
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc., with EPDM rubber / neoprene gasket etc., complete as per the architectural drawings and the directions of Engineer - in - charge. (Cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 5.50 mm thickness.	Sqm	18.00			
26	Filling the gap in between aluminium frame & adjacent RCC/Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	Rmt	20.00			
27	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Powder coated minimum thickness 50 micron aluminium tubular handle bar	Each	2.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
28	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates 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 minimum 1.25 mm thickness	Each	3.00			
29	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1 : 3 (1 cement : 3 fine sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete	Sqm	38.00			
30	Providing and laying matt finished vitrified tile of size 300x300x9.8mm having water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	Sqm	8.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
31	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1 : 4 (1 cement : 4 fine sand)	Sqm	170.00			
32	Providing and applying Plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	170.00			
33	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 priming coat with cement primer).	Sqm	390.00			
34	Varnishing with varnish of approved brand and manufacture : Two or more coats of glue sizing with copal varnish over an under coat of flatting varnish	Sqm	10.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
35	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30 mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25 mm made of 0.30mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light	Sqm	350.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
	fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8mm drop; made of G I sheet having galvanizing of 100gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.					
36	Providing and fixing white vitreous china pedestal type water closet (European type w.c. pan) with seat and lid, 10 litre low level p.v.c flushing cistern with manually controlled device (handle lever) conforming to IS 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid.	Each	1.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
37	Providing and fixing wash basin with C.I brackets,15mm C.P brass pillar taps,32mm 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 630X450mm with a single 15mm C.P.brass pillar tap.	Each	1.00			
38	Providing and fixing toilet paper holder: C.P brass	Each	1.00			
39	Providing and fixings soil,waste and vent pipes110mm diameter sand cast iron S&Spice as per IS 1729.	Mts.	8.00			
40	Providing and fixings soil, waste and vent pipes 75mm diameter sand cast iron S&S pipe as per IS17.29	Mts.	7.00			
41	Providing and filling the joints with spun yarn cement slury and cement mortat 1:2 (1 Cement:2 fine sand) in SCI/CI pipes :100mm dia.	Each	2.00			
42	Providing and fixing the joints with spun yarn cement slury and cement mortat 1:2 (1 Cement:2 fine sand) in SCI/CI pipes :75MM dia.	Each	2.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
43	Providing and fixing M.S holder bat clamps of approved design to Sand cast iron / cast iron (spun) pipe embedded in and including cement concrete blocks 10 x 10 x10 cm of 1:2:4 mix(1 cement : 2 coarse sand:4graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc.for 100mm dia pipe.	Each	2.00			
44	Providing and fixing M.S holder bat clamps of approved design to Sand cast iron / cast iron (spun) pipe embedded in and including cement concrete blocks 10 x 10 x10 cm of 1:2:4 mix(1 cement : 2 coarse sand:4graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc. For 160mm dia.pipe	Each	2.00			
45	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100mm dia Sand cast iron S&S as per IS - 1729	Each	2.00			
46	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 75mm dia Sand cast iron S&S as per IS - 1729	Each	2.00			
47	Providing and fixing plain bend of required degree. 100 mm dia Sand cast iron S&S as per IS - 1729	Each	2.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
48	Providing and fixing plain bend of required degree. 75 mm dia Sand cast iron S&S as per IS - 1729	Each	2.00			
49	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete : 100x100x100x100 mm Sand cast iron S&S as per IS - 1729	Each	1.00			
50	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete : 75 x 75 x 75 mm Sand cast iron S&S as per IS - 1729	Each	1.00			
51	Providing and fixing trap of self cleansing design with Screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors .100 mm inlet and 75 mm outlet sand cast iron S&S as per IS-1729	Each	1.00			
52	Painting sand cast iron/ centrifugally cast (spun) iron soil,waste vent pipes and fittings with paint of any colour such as chocolate grey or buff etc.over a coat of primer (of approved quality)for new work:100mm diameter pipe	mtr	3.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
53	Painting sand cast iron/ centrifugally cast (spun) iron soil,waste vent pipes and fittings with paint of any colour such as chocolate grey or buff etc.over a coat of primer (of approved quality)for new work:75mm diameter pipe	mtr	3.00			
54	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 6mm thick board backing Rectangular shape 1500X450 mm(inner dimensions)	Each	1.00			
55	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved qulity and colour.600mm long towel rail with total length of 645mm,width 78mm wide and effetive height of 88mm, weighing notless than 190gms.	Each	1.00			
56	Providing and fixing PTMT grating of approved quality and colour. Circular type 100 mm nominal dia	Each	2.00			
57	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore - 15mm nominal bore	Each	1.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
58	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS 13592 Type A including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion (single socketed pipe). 110 mm dia	Rmt	7.00			
59	Providing and fixing on wall face unplasticised rigid PVC moulded fittings accessories for unplasticised rigid PVC rain water pipes conforming to IS 13592 Type A including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion.					
	(a) Plain Bend / Door bend 110mm	Each	2.00			
	(b) Tee without Door 110mm	Each	2.00			
60	Providing & fitting brass bib cock of approved quality - 15mm nominal bore	Each	2.00			
61	Providing and fixing brass stop cock of approved quality : - 15mm nominal bore.	Each	2.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
62	Providing & fitting unplasticised - PVC pipe clips for approved design to unplasticised - PVC rain water pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with MS screws of required length including cutting brick work and fixing in cement mortar 1:4 and making good the wall etc complete. 110mm	Each	3.00			
63	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 40 mm nominal outer dia Pipes	Rmt	60.00			
64	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.					
	15 mm nominal outer dia Pipes	Rmt	12.00			

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Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
	20 mm nominal outer dia Pipes	Rmt	12.00			
	25 mm nominal outer dia Pipes	Rmt	12.00			
65	Providing and fixing gun metal gate valve with C.I wheel of approved quality (screwed end):40mm nominal bore	Each	1.00			
66	Providing and fixing ball valve (brass) of approved quality high or low pressure with plastic floats complete- 25 mm nominal bore.	Each	1.00			
67	Supply & Fixing of Chrome Finish Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1.00			

Total = Rs.

Rupees