

**Bill of Quantities**

**M&R work of Pharm-D (Pharmacy) Department @ SMBBMU, Larkana**


Description	Qty	Unit	Rate (Rs)	P.Unit	Amount (Rs)
Dismantling glazed or encaustic tiles etc.(55-p13)	193.87	Sft	786.50	%Sft	1,525
Dismantling Cement Concrete plain 1:3:6 (19b-P-10)	27.68	Cft	1306.80	%Cft	362
Dismantling brick work in lime or cement mortar (13-P-10)	196.54	Cft	1285.63	%Cft	2,527
Removing Doors with Chowkets (33a-P12)	7.00	Nos	142.18	P.No	995
Removing Windows & sky Light with Chowkets. (33B-P12)	1.00	Nos	102.85	P.No	103
Removing cement plaster (53-p13)	1167.39	Sft	121.00	%Sft	1,413
Supplying & fixing imposition aluminums channels framing for hinged doors or alcop made with 5 mm thick tinted glass glazing (Belgium);and alpha (japan) locks i/c handles. Stoppers etc (8a-P108)	84.00	Sft	1,450.76	P.Sft	121,864
Pacca brick work in ground floor (5ic.P20)	95.04	Cft	12,674.36	%Cft	12,046
Brick or stone ballast 1 1/2" to 1/2" gauge ratio 1:1:1 (lime 1-Surkhi,1-Send).(3a-P.15)	252.00	%Cft	7,637.85	%Cft	19,247
Cement concrete brick or stone ballast 1 1/2" to 2" guge 1:4:8 (4e-p-15)	126.00	Cft	9,416.28	%Cft	11,865
Providing and Laying 1" thick c.c topping (1:2:4) i/c surface finishing & dividing into pannles 3" thick (16d-P41)	252.00	Sft	4,411.82	%Sft	11,118
Applying floating coat of cement 1/32" thick (14-p52)	1857.28	Sft	660.00	%Sft	12,258
Cement plaster 1 2" 1:6 upto 12' height (13a-p51)	1857.28	Sft	2,206.60	%Sft	40,983
Cement plaster 3 8" 1:4 upto 12' height (11a-p51)	1857.28	Sft	2,197.52	%Sft	40,814
Laying floor of approved coloure glazed tile 1/4" thick in white cement 1:2 over 3/4" cement mortar 1:2 complete (25-P-42)	288.00	Sft	27,747.06	%Sft	79,912
White glazed tiles 4 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick i/c finishing (37-P-44)	660.00	Sft	28,253.61	%Sft	186,474
Supplying and Fixing G.I Frames/Choukhats of size 7"x2" or 4-1-2"x3" (29,Page92)	51.00	Rft	228.90	P.Rft	11,674
1st class Deodar wood wrought joinery in doors and windows etc.fixed in position i/c hold fasts hinges iron tower blts Chowkets cleats handles & cords with hooks etc.3/4" (only shutters). (7a-P57)	73.50	Sft	902.53	P.Sft	66,336
<i>Scraping</i> Priming coat of chalk distemper (23-P.53)	1891.05	Sft	605.00	%Sft	11,441
Distemper 02 coats (24b.p53)	1891.05	Sft	1,043.90	%Sft	19,741
Painting New Surface Doors and Windows 03 coats (5-c-P69)	196.00	Sft	1489.68	%Sft	2,920
Sub-Total Part-A					655,615
Premium Quoted by Contractor: 6.0% Above/Below					39,337
Total Amount Carried to Summary					694,952

  
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Bill of Quantities

M&R work of Pharm-D (Pharmacy) Department (at) SMBBMU, Larkana

item	Description	Measurement			Qty	Unit	Rate (Rs)	Amount (Rs)
	<b>Part-II (Civil Works) Non- Schedule Items</b>							
1	Supplying and installation of Mineral fiber acoustic ceiling (non-directional) perform end pattern size 2'-0" x 2'-0 1/2" thick and imported aluminum extruded section in natural anodized finish 10-12 microns coating comprising of main runner and edges trim suspension shall be made by mean of adjustable suspender of SWG galvanized steel wire and cadmium plated spring clip supported at 4'-0" center to center, suspender shall to fixed to the slab, beam soffits with nylon anchors 11/2 No. 12 around headed steel screws and washer (N.S.1)							
		1	28.83	9.00	259.47	Sft		
		Total Qty			259.47	P.Sft	150/-	38920.50/-

  
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**Bill of Quantities**  
**PLUMBING WORK (Part-B)**

**M&R work of Pharm-D (Pharmacy) Department @ SMBBMU, Larkana**

Item	Description	Qty	P.Unit	Rate (Rs.)	Amount (Rs.)
<b>PLUMBING WORK A- SCHEDULE ITEM FIXTURES AND FITTINGS</b>					
1	Providing and fixing European type white glazed earthen ware wash down w.c pan complete with and 1/2 the cost of white /black plastic seat(Best Quality) and lid with c.p brass hinges and buffers.3 gellons white glazed earthen ware low level fushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requisite number of holes in wall , plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign Quality)(S.I.No.5-P2)	2.0	Each	11,477.40	22,954.80
3	24" x 18" Lavatory Basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever 6 inches built into walls, painted white in two coats after primary coat of red lead paint a pair of 1/2" die rubber plug an chrome plated brass chain 1-1/4" dia, melloable iron or brass unions and making requisite number of holes in wall plinth and floor for Pipe connections and making good in cement concrete 1:2:4 ( foreign or Equivalent ) Counter type Basin.(Item 13 Page-4)	2.0	Each	6,237.00	12,474.00
4	Providing & fixing in position nylon connection complete with 1/2" dia. brass stop cock with pair of brass nuts and lining joints to nylon connection (S.I.No.23b-P6)	4.0	Each	447.15	1,788.60
5	Providing & fixing chrome plated towel rail complete with brackets fixing on wooden cleats with 1" long C.P. brass screw TOWEL RAIL 42" LONG b 3/4" dia round or square ( Superior quality ) (Item No. 1 (III) b page 7)	2.0	Each	1,082.95	2,165.90
6	glass complete with 3/8" thick hard board and c.p. screws fixed to wooden pliar b Superior Quality. (Item No. 3-b Page-1)	2.0	Each	2,376.00	4,752.00
7	Providing & fixing Soap tray earthen ware with C.P. screw etc complete (Item No. 5 Page 8)	2.0	Each	497.20	994.40
8	Supplying & fixing wash Basin mixture of superior quailty with c.p head 1/2" dia (Item No. 14 (a) Page 19)	2.0	Each	2,882.00	5,764.00
9	Providing & fixing ball valve (with unsoldered) made to B.B S 1212 Dia 1" (6iii-P.18)	2.0	Each	318.34	636.68
10	Providing & fixing ball valve (with unsoldered) made to B.B S 1212 Dia 3/4" (6iii-P.18)	2.0	Each	290.84	581.68
11	Supplying & fixing in position brass bib cocks 1/2" dia (S.I.No.1ib-P16)	4.0	Each	337.92	1,351.68
12	Supplying & fixing concealed tee stop cock of superior quality with cc. p head 1/2" dia (Item No. 12 (a) Page 18)	4.0	Each	843.92	3,375.68
13	Supply and fixing long neck bib cock of superior quality with c.p. head 1/2" dia (Item No. 13 Page 19)	2.0	Each	1,109.46	2,218.92

  
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14	Providing, Laying uPVC Pressure Pipes of class D fixing in trench, walls, i/c cutting fitting and jointing with solvent cement i/c testing with water to a head of 122 meter over 400 ft. i/c cost of socket, elbow, tee etc bend, complete in all respect 4" dia (100 mm).(Item No. 6- Page -24 )	400.0	Rft	226.00	90,400.00
15	STANDARD MANHOLES Construction of Manholes or inspection chamber for the required diameter of circular sewer and 3'-6" depth with walls of B.B. in cement sand mortar 1:3, cement plaster 1:3, 1/2" thick inside walls an 1: thick over benching and channel i/c fixing C.I. manhole cover with frame of clear opening 18" x 18" of 1.75 cwt embedded in plain CC 1:2:4 and fixing 1" dia M.S. steps 6" from face of wall at 12" duly painted etc complete as per drawing and as directed SIZE 4" TO 12" DIA 2'x2'x3'-6"	5.0	Each	14,748.00	73,740.00
Sub-Total Part-A Schedule Items					223,198
Premium Quoted by Contractor <i>At Par</i> % Above/Below					- Nil -
Total Amount Carried to Summary					<u>223,198/-</u>

  
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B- NON-SCHEDULE ITEM FIXTURES AND FITTINGS					
1	P/F UPVC Pipe (AGM) Sch:40 (E) on Surface using Clips /Saddle of approved Quality and Meterial etc paid separatly recessed in masonry ,C.C or R-C-C upto 60' height and making good with C.C I/c cutting ,finishing etc complete as per instruction of the engineer Incharge . Specification of material should meet the requirement of class 12 & 5 B in accordance with AS + MD 1784 type grade 1 rate I/C att cost of labour , material charges Scaffolding ladders etc complete (N.S.I) 3/4" Dia	100.0	Rft	79.0/= /	7900/= /
2	P/F UPVC Pipe (AGM) Sch:40 (E) on Surface using Clips /Saddle of approved Quality and Meterial etc paid separatly recessed in masonry ,C.C or R-C-C upto 60' height and making good with C.C I/c cutting ,finishing etc complete as per instruction of the engineer Incharge . Specification of material should meet the requirement of class 12 & 5 B in accordance with AS + MD 1784 type grade 1 rate I/C att cost of labour , material charges Scaffolding ladders etc complete (N.S.I) 1" Dia	50.0	Rft	99.0/= /	4950/= /
3	P/F UPVC Pipe (AGM) Sch:40 (E) on Surface using Clips /Saddle of approved Quality and Meterial etc paid separatly recessed in masonry ,C.C or R-C-C upto 60' height and making good with C.C I/c cutting ,finishing etc complete as per instruction of the engineer Incharge . Specification of material should meet the requirement of class 12 & 5 B in accordance with AS + MD 1784 type grade 1 rate I/C cost of labour , material charges Scaffolding ladders etc complete (N.S.I) 1-1/4" Dia	20.0	Rft	114.0/= /	2280/= /
4	P/F Band /Elbow (90degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of verious sizes fixed to UPVC pipe / fitting paid separatly.using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge , Specification of the material should meet the requirments of material , cartage , scaffolding / ladders etc. complete (N.S.I) 3/4" Dia	5.0	Each	104.0/= /	520/= /
5	P/F Band /Elbow (90degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of verious sizes fixed to UPVC pipe / fitting paid separatly.using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge , Specification of the material should meet the requirments of material , cartage , scaffolding / ladders etc. complete (N.S.I) 1" Dia	5.0	Each	127.0/= /	635/= /

  
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<p>Band /Elbow (90degree) of SCH-40 PVC of NAMAT EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge , Specification of the material should meet the requirements of material , cartage , scaffolding / etc. complete (N.S.I) 1-1/4" Dia</p>	3.0	Each	142.0/2	426/2
<p>Band /Elbow (90degree) of SCH-40 PVC of NAMAT EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge , Specification of the material should meet the requirements of material , cartage , scaffolding / etc. complete (N.S.I) 4" Dia</p>	5.0	Each	431.0/2	2155/2
<p>TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D _ 1784 type 1. Rate Includes all Costs of Labour , material etc. complete (N.S.I) 3/4" Dia</p>	10.0	Each	112.0/2	1120/2
<p>TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D _ 1784 type 1. Rate Includes all Costs of Labour , material etc. complete (N.S.I) 1" Dia</p>	6.0	Each	134.0/2	804/2
<p>TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D -1784 type 1. Rate Includes all Costs of Labour , material etc. complete (N.S.I) 1-1/4" Dia</p>	3.0	Each	166.0/2	498/2


  
 10/10/2010



<p>TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to PVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D_ 1784 type grade TEE 1. Rate Includes all Costs of Labour , material cartage (N.S.I) 4" Dia</p>	5.0	Each	713.0/=-	3565/=-
<p>COUPLING/SOCKET of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B or with the ASTM-D_1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage,scaffo ladders complete (N.S.I) 3/4" Dia</p>	2.0	Each	99.0/=-	198/=-
<p>COUPLING/SOCKET of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B or with the ASTM-D_1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage,scaffo ladders complete (N.S.I) 3/4" Dia</p>	2.0	Each	112.0/=-	224/=-
<p>COUPLING/SOCKET of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B or with the ASTM-D_1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage,scaffo ladders complete (N.S.I) 1-1/4" Dia</p>	2.0	Each	125.0/=-	250/=-

  
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5	P/F COUPLING SOCKET OF SCH-40 PVC OF NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D_1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage,scaffo ladders etc complete (N.S.I) 4" Dia	5.0	Each	348.0%	1740/
6	P/F UNION of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D_1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage,scaffo ladders etc complete (N.S.I) 3/ 4" Dia	3.0	Each	317.0%	951/
7	P/F UNION of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D_1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage,scaffo ladders etc complete (N.S.I) 1" Dia	4.0	Each	386.0%	1544/
8	P/F UNION of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D_1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage,scaffo ladders etc complete (N.S.I) 1-1/4" Dia	3.0	Each	492.0%	1476/
9	P/F UPVC P- Trap W/Elbow (45 degree) of SCH- 40 PVC of NAMAT OR EQUIVALENT make o and design of various fixed to UPVC pipe / fittings paid separately, using approved adhesiv (AGM or WELDON, made in USA, in ORANGE colour) upto 60 ft height as per instruction of the Incharge. Specifications of the metrial should meet to requirements of class 12454-B in accor the ASTM-D- 1784 type 1 grade 1. rate includes all costs of labour, material cartage scaffolding / ladders etc (N.S.I) 4"Dia	6.0	Each	829.0%	4974/

  
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20	P/F UPVC WYE (Y) (45 degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of appro and design of various sizes fixed to UPVC pipe / fittings paid separately, using approved adhesive (AGM or WELDON, made in USA, in ORANGE colour ) upto 60 ft height as per instruction of the Incharge, Specifications of the material should meet the requirements of class 12454-B in accor the ASTM -D- 1 grade 1. Rate include all costs of labour, material cartage, scaffolding / adlers etc complete (N.S.I). 4" Dia	2.0	Each	946.0/=-	1892/=-
21	P/F UPVC PLUG ELBOW (45 degree) of SCH- 40 PVC of NAMAT OR EQUIVALENT make of and design of various sizes fixed to UPVC pipe / fittings paid separately using approved adhesiv (AGM or WELDON, made USA in ORANGE colour ) upto 60 ft height as per instruction of the Incharge, Specifications of the material should meet the requirements of class 12454-B in accor scaffolding / ladders etc complete (N.S.I) 4"DIA	2.0	Each	687.0/=-	1374/=-
22	P/F UPVC PLUG TEE of SCH-40 PVC of NAMAT OR EQUIBALENT make of approved quilty various sizes fixed to UPVC pipe / fittings paid sseparately, using approved adhesive compound ( specifications of the material should meet thee requirements of class 12454-B in accordance with ASTM-D- 1784 type 1 grade 1. Rate include all costs of labour, material cartage, scaffo ladders etc complete (N.S.I) 4" Dia	2.0	Each	859.0/=-	1718/=-
Sub-Total Amount (B- Non Schedule Items)					41,194/=-

  
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